

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091218\  
 Data File : VU026681.D  
 Acq On : 11 Sep 2018 12:30  
 Operator : MD/SY  
 Sample : VSTDIC150  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

Quant Time: Sep 12 04:55:40 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U091218W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 12 04:37:08 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.98  | 168  | 107961   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 166355   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 168814   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 110413   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 5.31   | 65  | 250092   | 152.71 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 305.42% |      |
| 35) Dibromofluoromethane  | 4.88   | 113 | 208476   | 153.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 307.28% |      |
| 50) Toluene-d8            | 7.57   | 98  | 794953   | 158.40 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 316.80% |      |
| 62) 4-Bromofluorobenzene  | 10.31  | 95  | 322476   | 177.29 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 354.58% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 176442  | 151.27 | ug/l | 99     |
| 3) Chloromethane              | 1.32 | 50  | 232978  | 142.96 | ug/l | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 253451  | 150.08 | ug/l | 100    |
| 5) Bromomethane               | 1.60 | 94  | 144490  | 136.60 | ug/l | 99     |
| 6) Chloroethane               | 1.67 | 64  | 155552  | 144.73 | ug/l | 97     |
| 7) Trichlorofluoromethane     | 1.87 | 101 | 331188  | 150.02 | ug/l | 99     |
| 8) Diethyl Ether              | 2.10 | 74  | 142803  | 147.61 | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.28 | 101 | 192835  | 147.08 | ug/l | 100    |
| 10) Methyl Iodide             | 2.40 | 142 | 214026  | 216.67 | ug/l | 99     |
| 11) Tert butyl alcohol        | 2.85 | 59  | 294973  | 738.93 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.28 | 96  | 184692  | 149.01 | ug/l | 98     |
| 13) Acrolein                  | 2.19 | 56  | 191116  | 710.44 | ug/l | 99     |
| 14) Allyl chloride            | 2.59 | 41  | 376765  | 168.78 | ug/l | 89     |
| 15) Acrylonitrile             | 2.94 | 53  | 674487  | 787.87 | ug/l | 99     |
| 16) Acetone                   | 2.32 | 43  | 611153  | 659.12 | ug/l | 99     |
| 17) Carbon Disulfide          | 2.47 | 76  | 579898  | 147.05 | ug/l | 99     |
| 18) Methyl Acetate            | 2.61 | 43  | 303995  | 151.95 | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 3.00 | 73  | 658395  | 154.28 | ug/l | 99     |
| 20) Methylene Chloride        | 2.70 | 84  | 219390  | 145.87 | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 2.98 | 96  | 199706  | 152.95 | ug/l | 99     |
| 22) Diisopropyl ether         | 3.57 | 45  | 731151  | 156.93 | ug/l | 98     |
| 23) Vinyl Acetate             | 3.52 | 43  | 3216618 | 812.76 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.44 | 63  | 396074  | 150.70 | ug/l | 100    |
| 25) 2-Butanone                | 4.26 | 43  | 947297  | 758.44 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 4.22 | 77  | 321733  | 148.93 | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 4.22 | 96  | 231742  | 153.99 | ug/l | 99     |
| 28) Bromochloromethane        | 4.55 | 49  | 183689  | 146.16 | ug/l | 99     |
| 29) Tetrahydrofuran           | 4.64 | 42  | 583666  | 775.10 | ug/l | 100    |
| 30) Chloroform                | 4.67 | 83  | 385870  | 149.30 | ug/l | 98     |
| 31) Cyclohexane               | 5.00 | 56  | 360586  | 132.56 | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 4.92 | 97  | 328817  | 153.66 | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 5.13 | 75  | 297057  | 159.05 | ug/l | 100    |
| 37) Ethyl Acetate             | 4.38 | 43  | 339839  | 151.31 | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.13 | 117 | 297575  | 150.80 | ug/l | 98     |

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 Sample : VSTDICC150  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDICC150

Quant Time: Sep 12 04:55:40 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U091218W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 12 04:37:08 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 6.42  | 83   | 365331   | 164.74  | ug/l  | 98       |
| 40) Benzene                    | 5.39  | 78   | 881087   | 151.90  | ug/l  | 99       |
| 41) Methacrylonitrile          | 4.54  | 41   | 191397   | 164.18  | ug/l  | 99       |
| 42) 1,2-Dichloroethane         | 5.40  | 62   | 309995   | 149.88  | ug/l  | 100      |
| 43) Isopropyl Acetate          | 5.55  | 43   | 562500   | 164.48  | ug/l  | 100      |
| 44) Trichloroethene            | 6.19  | 130  | 223421   | 155.63  | ug/l  | 99       |
| 45) 1,2-Dichloropropane        | 6.43  | 63   | 244698   | 155.19  | ug/l  | 99       |
| 46) Dibromomethane             | 6.56  | 93   | 158176   | 155.45  | ug/l  | 98       |
| 47) Bromodichloromethane       | 6.76  | 83   | 313873   | 156.65  | ug/l  | 100      |
| 48) Methyl methacrylate        | 6.62  | 41   | 290709   | 172.27  | ug/l  | 99       |
| 49) 1,4-Dioxane                | 6.62  | 88   | 132986   | 3399.85 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 7.47  | 43   | 1960549  | 857.06  | ug/l  | 100      |
| 52) Toluene                    | 7.64  | 92   | 557519   | 161.36  | ug/l  | 98       |
| 53) t-1,3-Dichloropropene      | 7.88  | 75   | 379210   | 170.62  | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 7.27  | 75   | 387883   | 162.53  | ug/l  | 99       |
| 55) 1,1,2-Trichloroethane      | 8.07  | 97   | 233577   | 157.79  | ug/l  | 98       |
| 56) Ethyl methacrylate         | 8.02  | 69   | 395752   | 183.10  | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 8.24  | 76   | 407995   | 161.70  | ug/l  | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 7.13  | 63   | 921700   | 865.01  | ug/l  | 100      |
| 59) 2-Hexanone                 | 8.37  | 43   | 1566380  | 870.07  | ug/l  | 99       |
| 60) Dibromochloromethane       | 8.48  | 129  | 268666   | 167.58  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 8.59  | 107  | 255769   | 159.24  | ug/l  | 100      |
| 64) Tetrachloroethene          | 8.23  | 164  | 196662   | 146.37  | ug/l  | 99       |
| 65) Chlorobenzene              | 9.12  | 112  | 641778   | 153.02  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.21  | 131  | 240834   | 156.07  | ug/l  | 98       |
| 67) Ethyl Benzene              | 9.25  | 91   | 1124142  | 162.71  | ug/l  | 99       |
| 68) m/p-Xylenes                | 9.38  | 106  | 871913   | 331.76  | ug/l  | 100      |
| 69) o-Xylene                   | 9.78  | 106  | 431231   | 168.43  | ug/l  | 100      |
| 70) Styrene                    | 9.79  | 104  | 734560   | 175.27  | ug/l  | 99       |
| 71) Bromoform                  | 9.96  | 173  | 234329   | 174.60  | ug/l  | # 100    |
| 73) Isopropylbenzene           | 10.17 | 105  | 1157548  | 153.85  | ug/l  | 99       |
| 74) N-amyl acetate             | 10.02 | 43   | 594892   | 167.47  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.46 | 83   | 440252   | 143.57  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 10.50 | 75   | 519103   | 184.83  | ug/l  | 82       |
| 77) Bromobenzene               | 10.46 | 156  | 306487   | 149.88  | ug/l  | 98       |
| 78) n-propylbenzene            | 10.59 | 91   | 1411590  | 161.31  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 10.66 | 91   | 818280   | 150.84  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 10.77 | 105  | 1011070  | 159.87  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 10.50 | 75   | 519103   | 413.18  | ug/l  | # 100    |
| 82) 4-Chlorotoluene            | 10.77 | 91   | 977390   | 160.36  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.10 | 119  | 1027790  | 160.14  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 1033313  | 161.99  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.33 | 105  | 1243404  | 163.14  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 11.48 | 119  | 1116428  | 167.99  | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 11.42 | 146  | 567234   | 148.69  | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 11.51 | 146  | 573445   | 144.74  | ug/l  | 99       |
| 89) n-Butylbenzene             | 11.89 | 91   | 1043798  | 179.26  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.15 | 117  | 210672   | 156.64  | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 11.88 | 146  | 568294   | 148.09  | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.66 | 75   | 97426    | 158.47  | ug/l  | 100      |

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Operator : MD/SY  
Sample : VSTDICC150  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 7 Sample Multiplier: 1

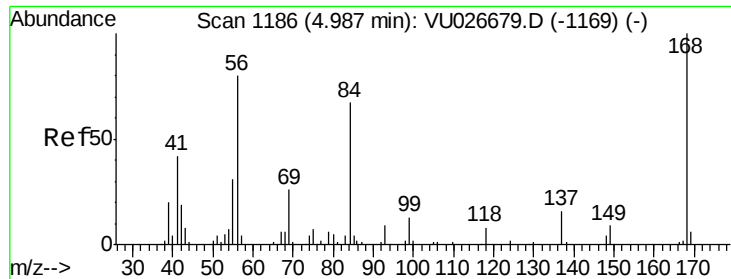
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC150

Quant Time: Sep 12 04:55:40 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\82U091218W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 12 04:37:08 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.50 | 180  | 414299   | 162.57 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.69 | 225  | 200240   | 152.74 | ug/l  | 99       |
| 95) Naphthalene            | 13.74 | 128  | 1296725  | 167.98 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 13.99 | 180  | 418123   | 157.10 | ug/l  | 100      |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

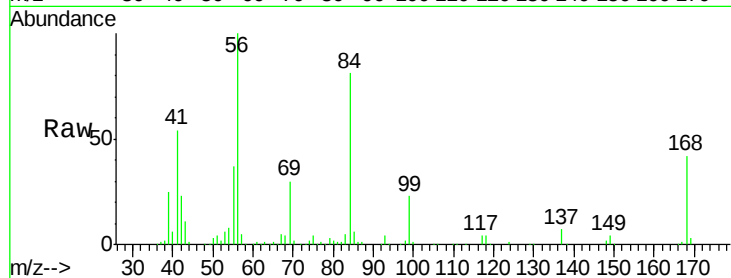
VSTDIC150

Tot Ion:168 Resp: 107961

Ion Ratio Lower Upper

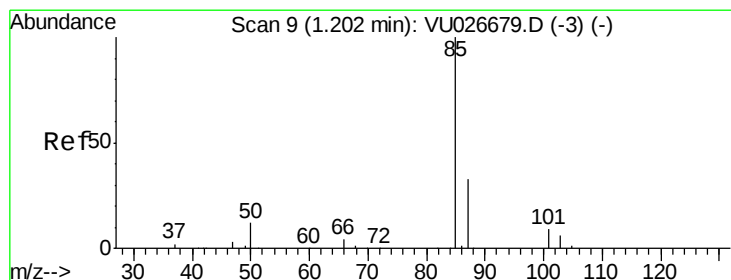
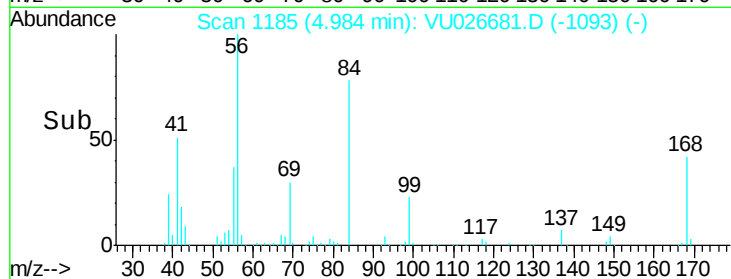
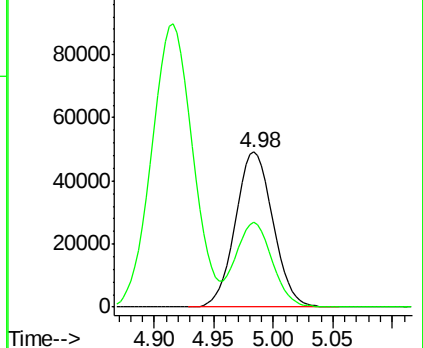
168 100

99 54.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU026679.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026679.D (-1169) (-)



#2

Dichlorodifluoromethane

Concen: 151.27 ug/l

RT: 1.20 min Scan# 9

Delta R.T. 0.00 min

Lab File: VU026681.D

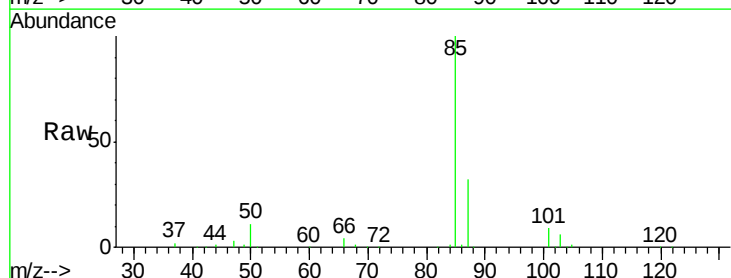
Acq: 11 Sep 2018 12:30

Tgt Ion: 85 Resp: 176442

Ion Ratio Lower Upper

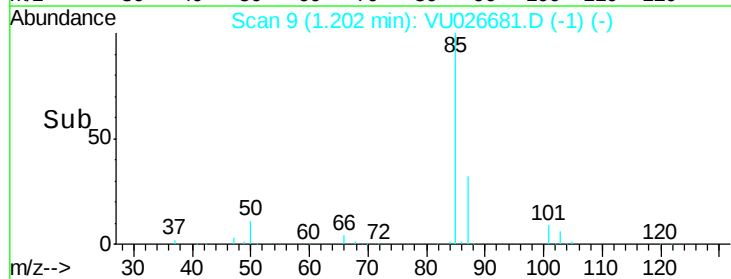
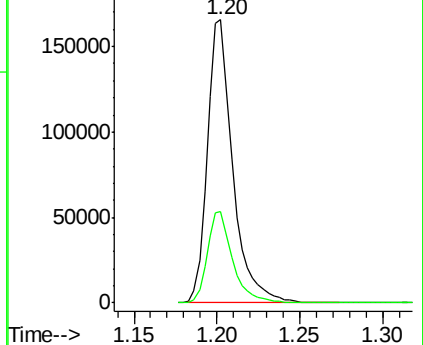
85 100

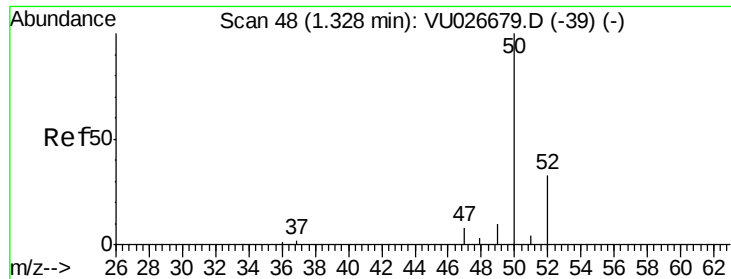
87 32.3 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VU026679.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU026679.D (-3) (-)

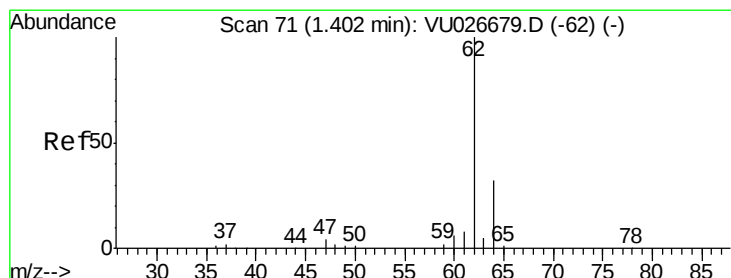
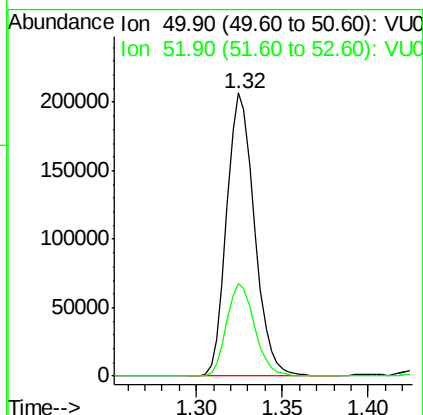
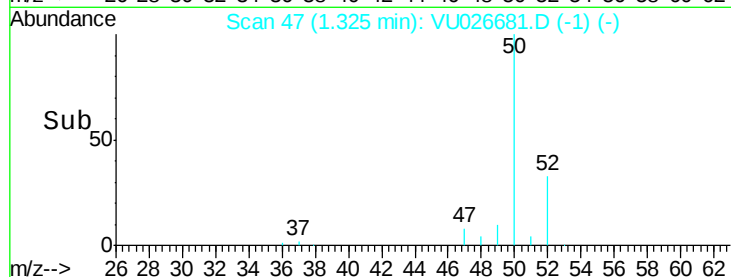
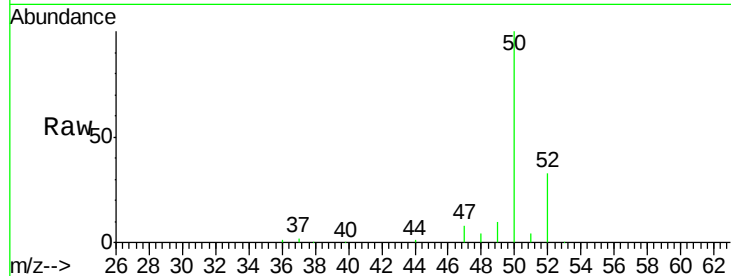




#3  
Chloromethane  
Concen: 142.96 ug/l  
RT: 1.32 min Scan# 47  
Delta R.T. -0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

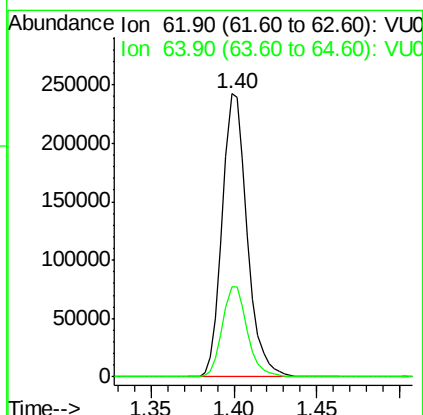
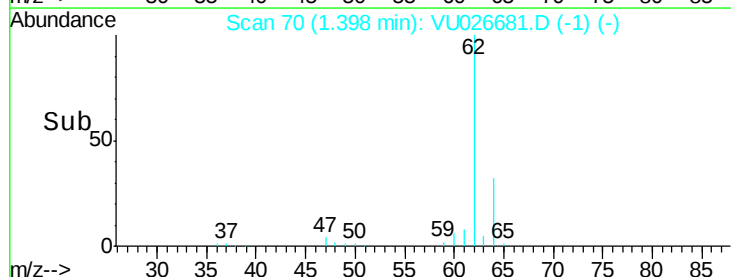
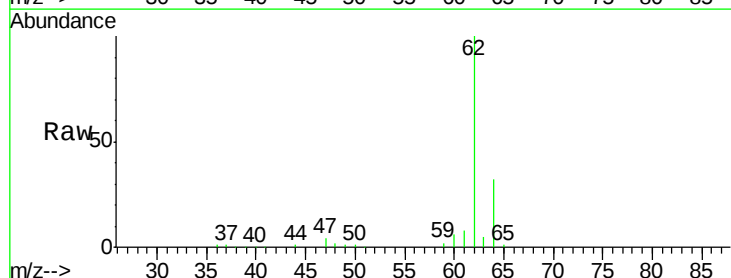
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

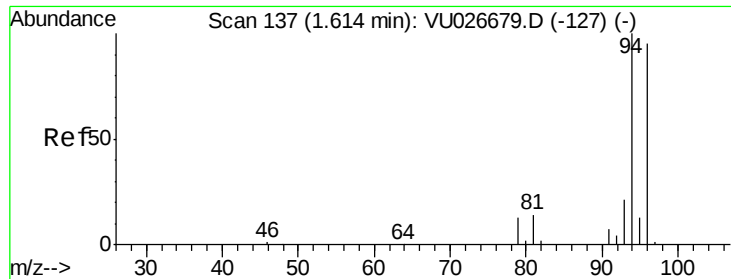
Tot Ion: 50 Resp: 232978  
Ion Ratio Lower Upper  
50 100  
52 32.9 26.3 39.5



#4  
Vinyl Chloride  
Concen: 150.08 ug/l  
RT: 1.40 min Scan# 70  
Delta R.T. -0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Tgt Ion: 62 Resp: 253451  
Ion Ratio Lower Upper  
62 100  
64 31.8 25.6 38.4

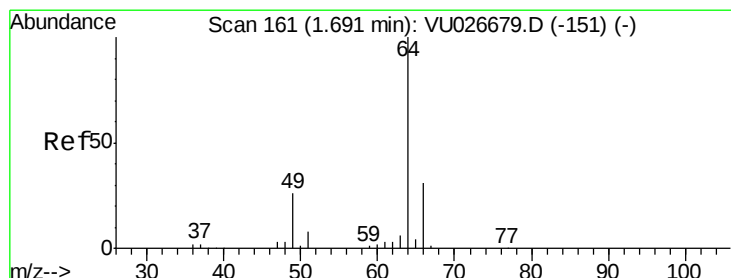
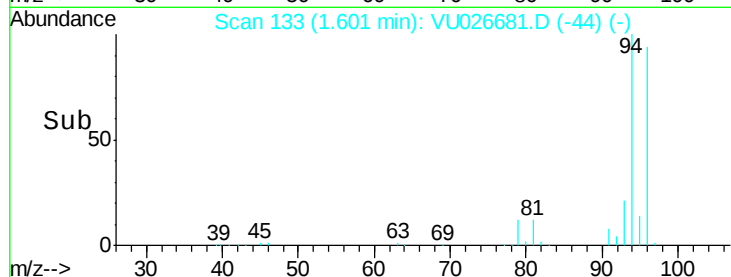
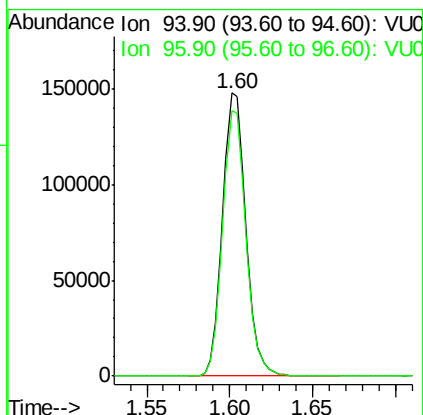
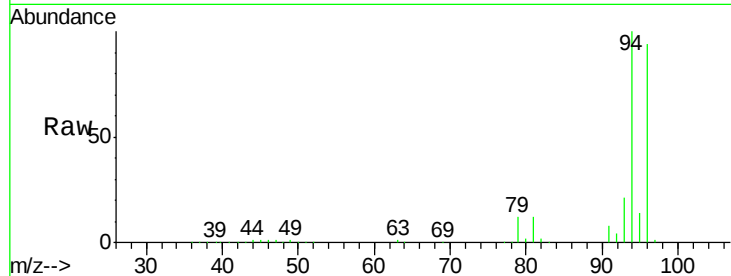




#5  
Bromomethane  
Concen: 136.60 ug/l  
RT: 1.60 min Scan# 133  
Delta R.T. -0.01 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

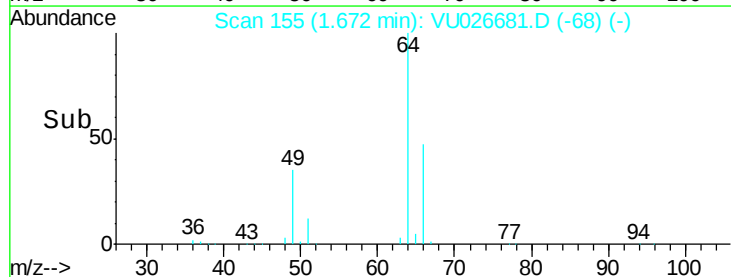
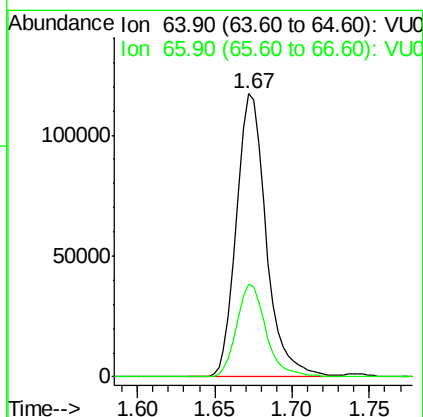
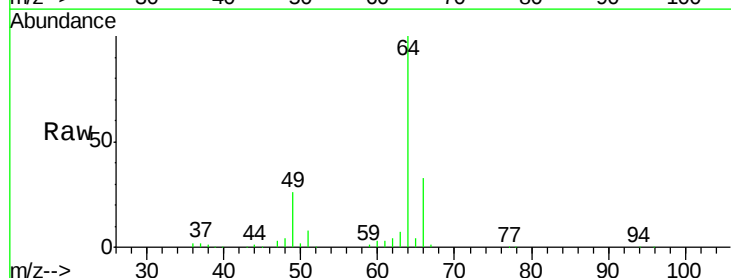
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

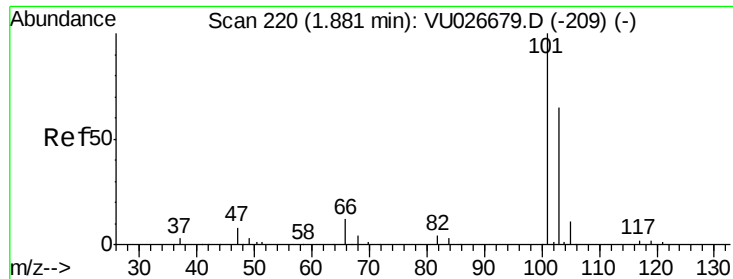
Tot Ion: 94 Resp: 144490  
Ion Ratio Lower Upper  
94 100  
96 93.9 75.8 113.6



#6  
Chloroethane  
Concen: 144.73 ug/l  
RT: 1.67 min Scan# 155  
Delta R.T. -0.02 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Tgt Ion: 64 Resp: 155552  
Ion Ratio Lower Upper  
64 100  
66 32.6 24.7 37.1



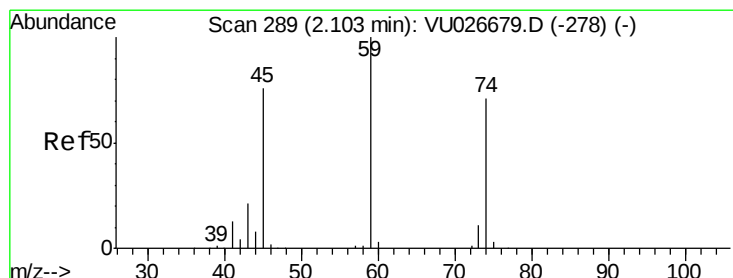
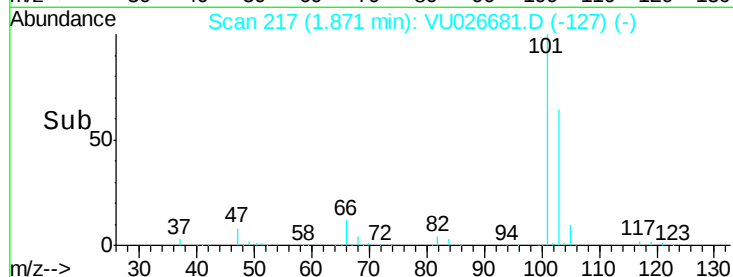
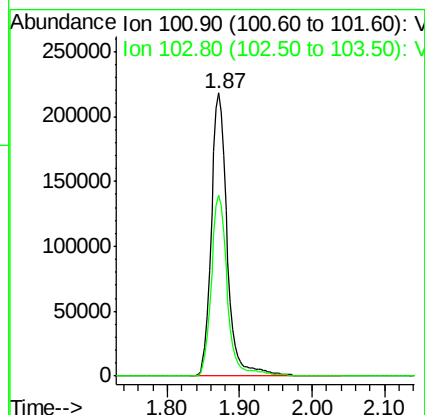
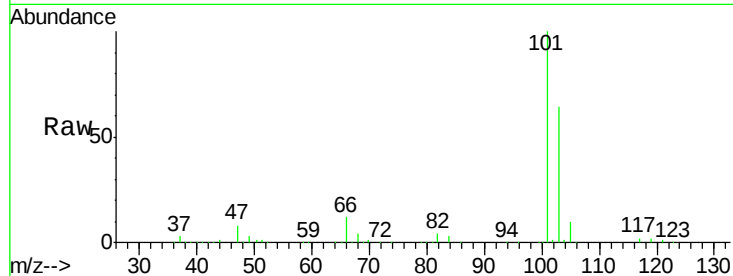


#7

Trichlorofluoromethane  
 Concen: 150.02 ug/l  
 RT: 1.87 min Scan# 217  
 Delta R.T. -0.01 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

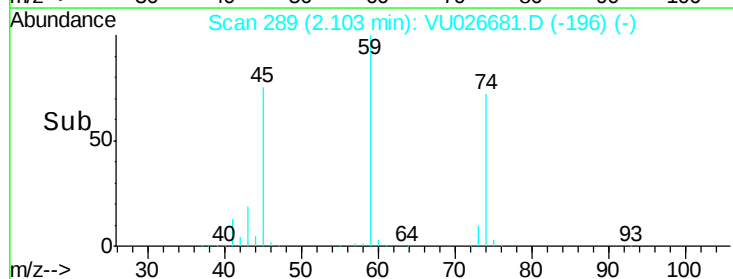
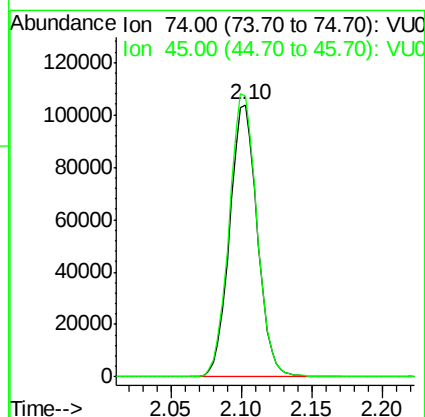
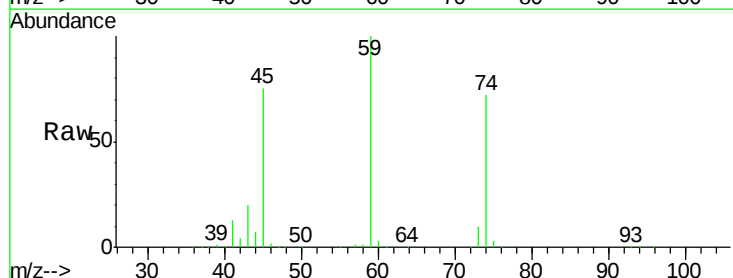
Tot Ion:101 Resp: 331188  
 Ion Ratio Lower Upper  
 101 100  
 103 63.9 51.7 77.5

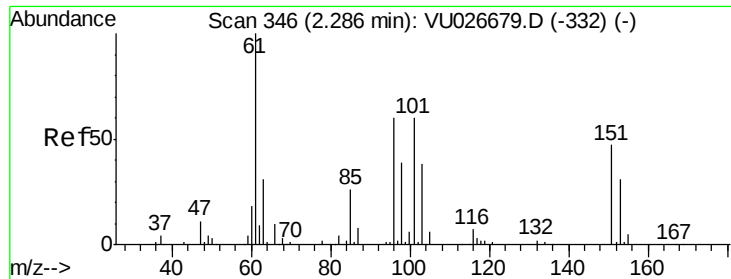


#8

Diethyl Ether  
 Concen: 147.61 ug/l  
 RT: 2.10 min Scan# 289  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

Tgt Ion: 74 Resp: 142803  
 Ion Ratio Lower Upper  
 74 100  
 45 105.0 53.6 160.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 147.08 ug/l

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

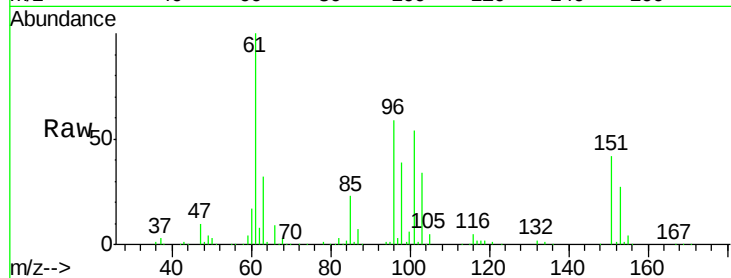
Tot Ion:101 Resp: 192835

Ion Ratio Lower Upper

101 100

85 43.3 34.6 52.0

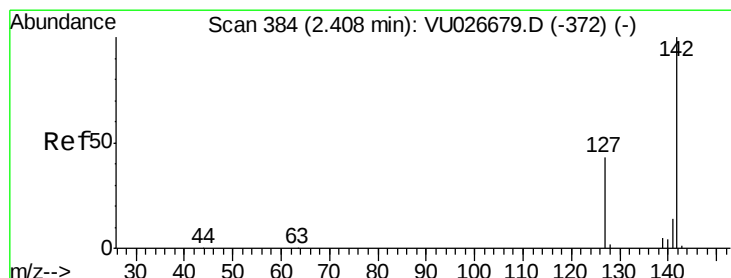
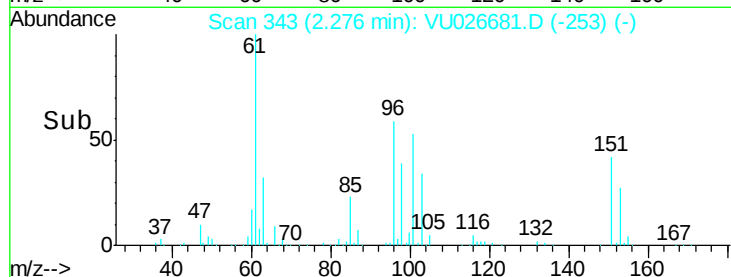
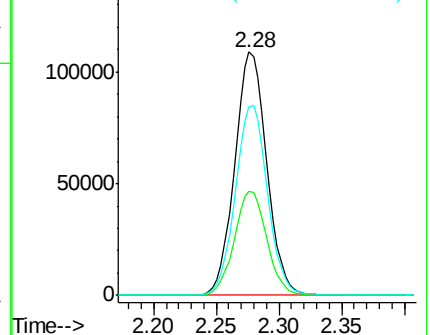
151 78.6 62.7 94.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 216.67 ug/l

RT: 2.40 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

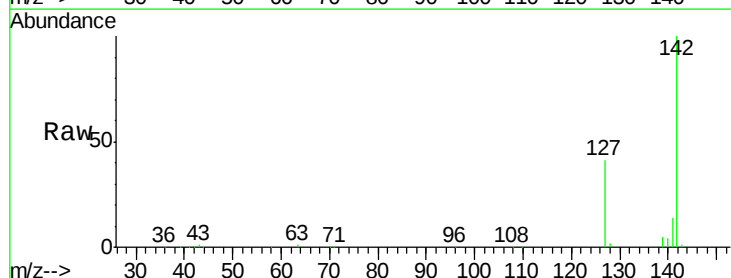
Tgt Ion:142 Resp: 214026

Ion Ratio Lower Upper

142 100

127 41.5 34.1 51.1

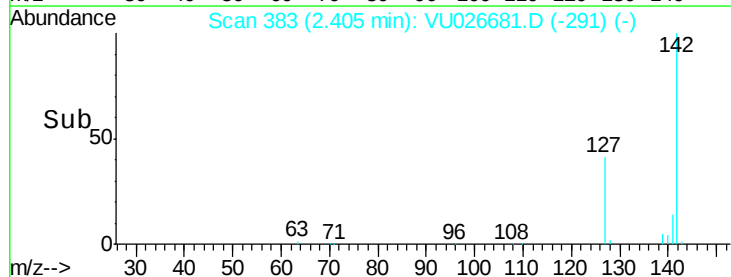
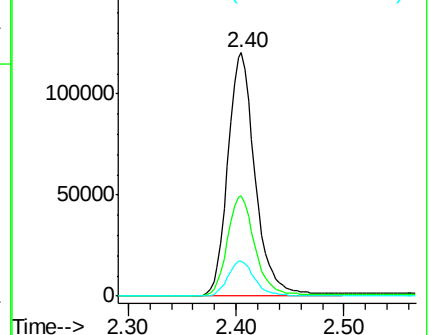
141 14.3 11.2 16.8

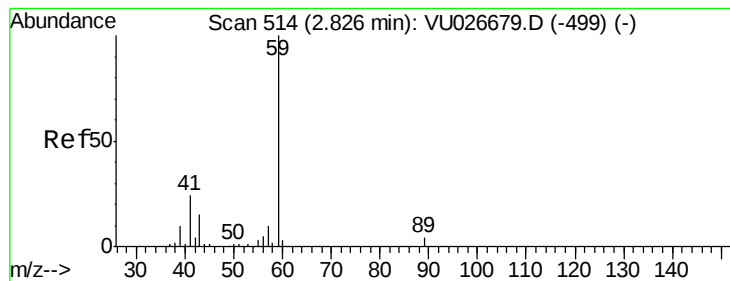


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



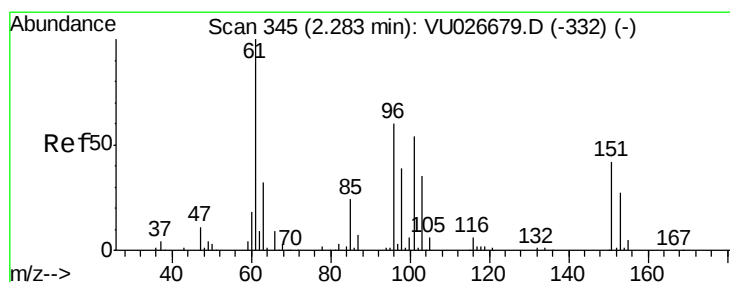
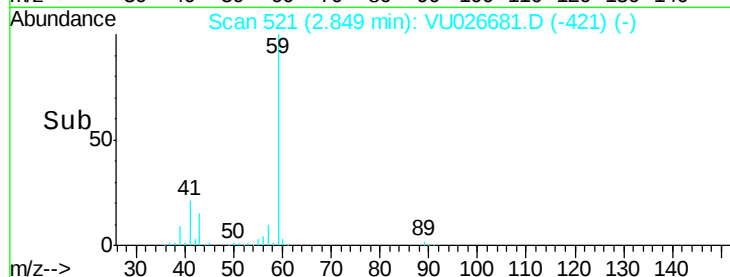
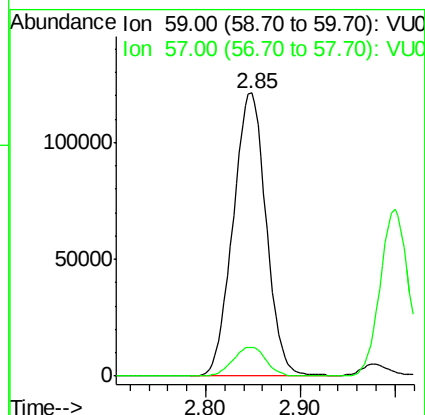
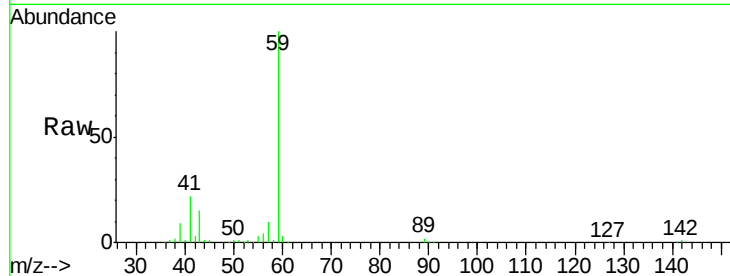


#11

Tert butyl alcohol  
 Concen: 738.93 ug/l  
 RT: 2.85 min Scan# 521  
 Delta R.T. 0.02 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

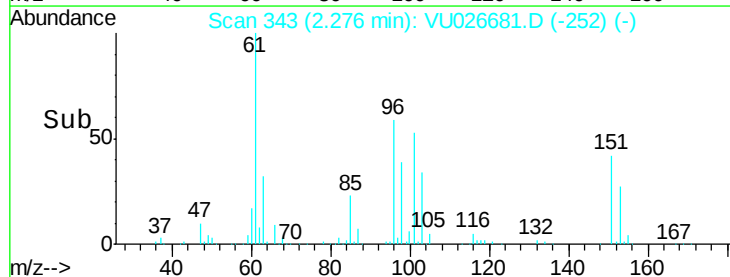
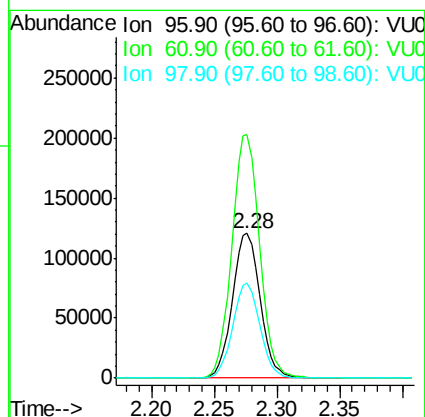
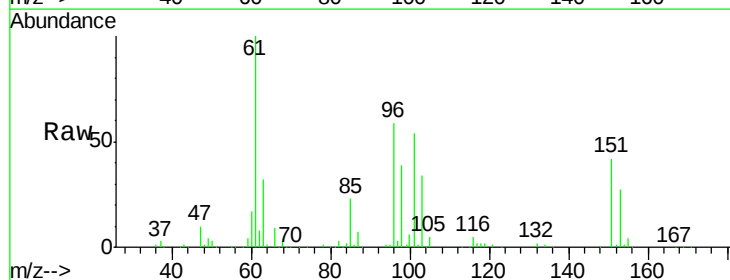
Tot Ion: 59 Resp: 294973  
 Ion Ratio Lower Upper  
 59 100  
 57 10.3 8.0 12.0

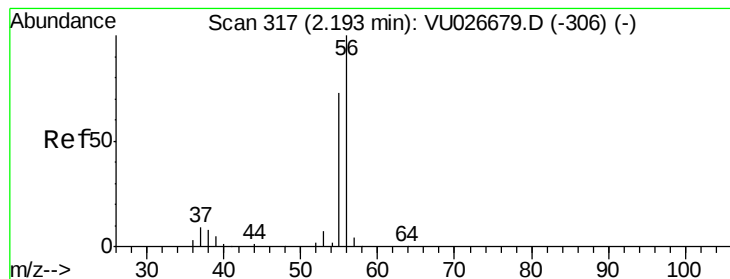


#12

1,1-Dichloroethene  
 Concen: 149.01 ug/l  
 RT: 2.28 min Scan# 343  
 Delta R.T. -0.01 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

Tgt Ion: 96 Resp: 184692  
 Ion Ratio Lower Upper  
 96 100  
 61 168.5 133.0 199.6  
 98 65.5 51.3 76.9





#13

Acrolein

Concen: 710.44 ug/l

RT: 2.19 min Scan# 317

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

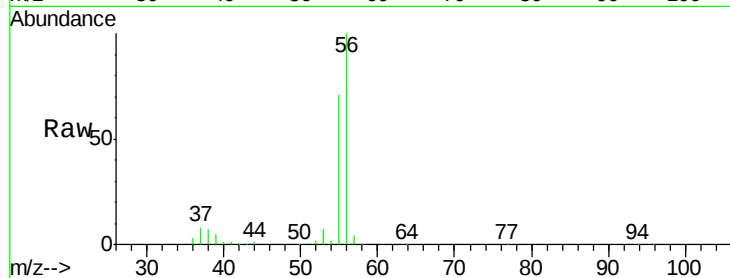
VSTDIC150

Tot Ion: 56 Resp: 191116

Ion Ratio Lower Upper

56 100

55 71.2 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VU026681.D (-224) (-)

Ion 55.00 (54.70 to 55.70): VU026681.D (-224) (-)

2.19

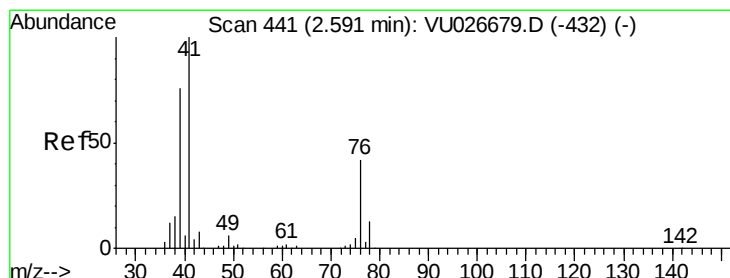
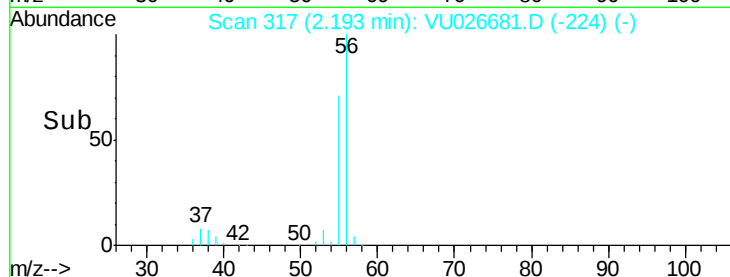
150000

100000

50000

0

Time--> 2.10 2.20 2.30



#14

Allyl chloride

Concen: 168.78 ug/l

RT: 2.59 min Scan# 440

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

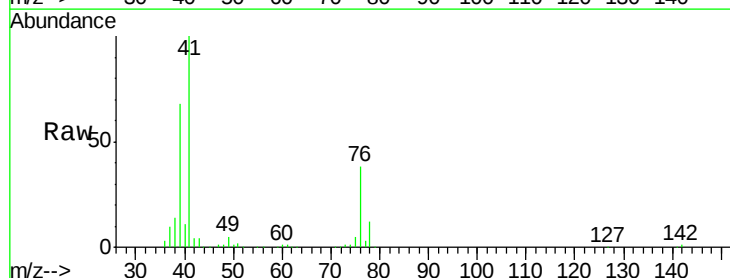
Tgt Ion: 41 Resp: 376765

Ion Ratio Lower Upper

41 100

39 60.9 56.9 85.3

76 32.7 29.7 44.5



Abundance Ion 41.00 (40.70 to 41.70): VU026681.D (-348) (-)

Ion 39.00 (38.70 to 39.70): VU026681.D (-348) (-)

Ion 75.90 (75.60 to 76.60): VU026681.D (-348) (-)

400000

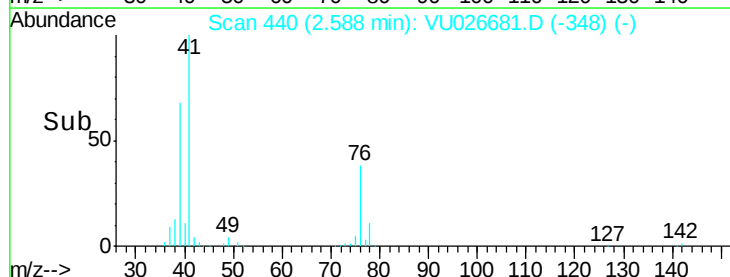
300000

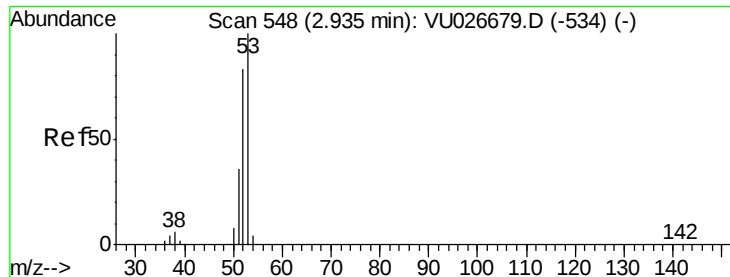
200000

100000

0

Time--> 2.50 2.60 2.70





#15

Acrylonitrile

Concen: 787.87 ug/l

RT: 2.94 min Scan# 548

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

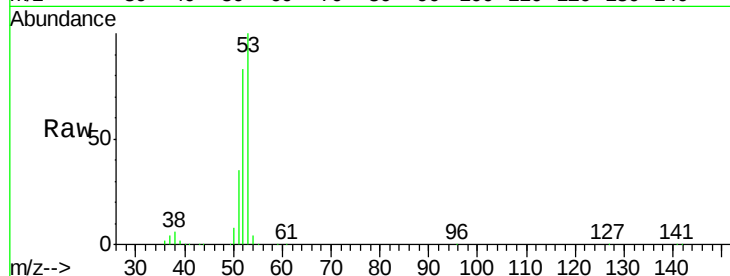
MSVOA\_U

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 674487

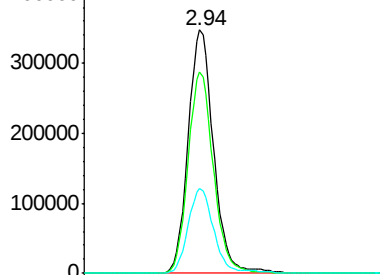
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.7  | 65.8  | 98.8  |
| 51  | 35.6  | 27.7  | 41.5  |



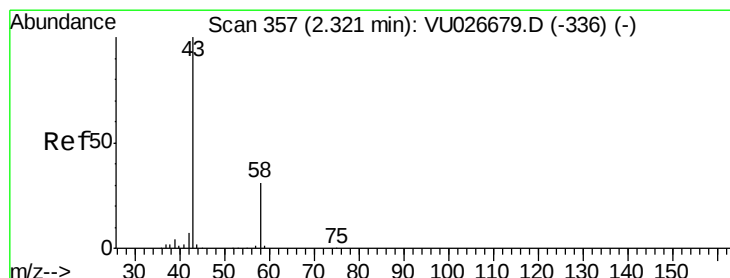
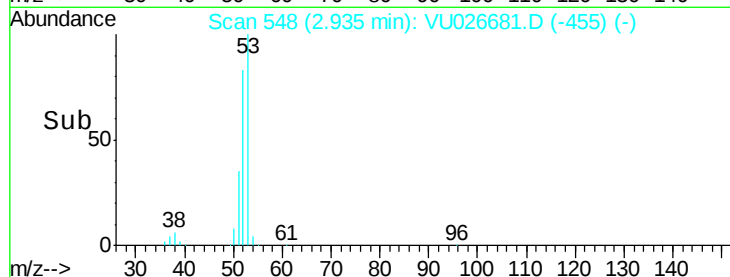
Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



Time-->



#16

Acetone

Concen: 659.12 ug/l

RT: 2.32 min Scan# 358

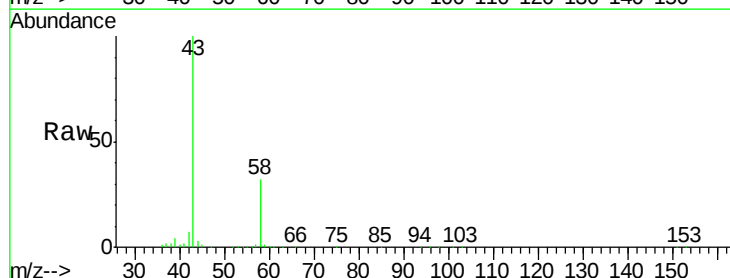
Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

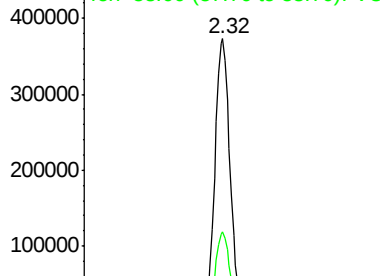
Tgt Ion: 43 Resp: 611153

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 31.7  | 25.1  | 37.7  |

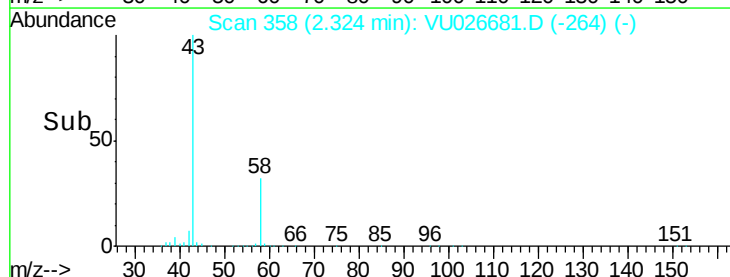


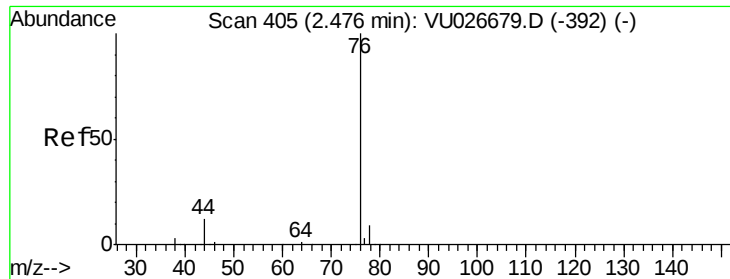
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time-->

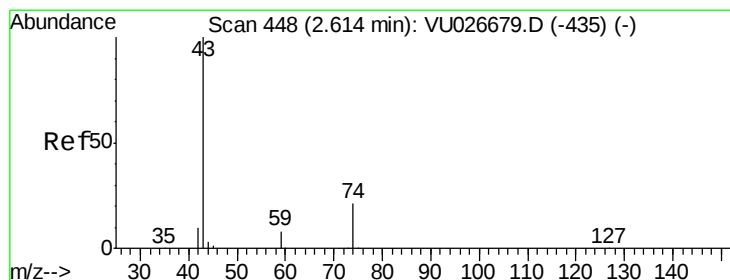
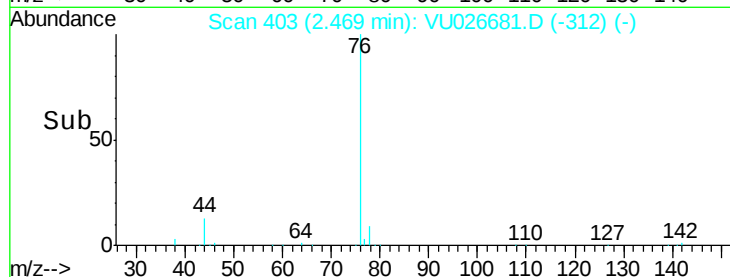
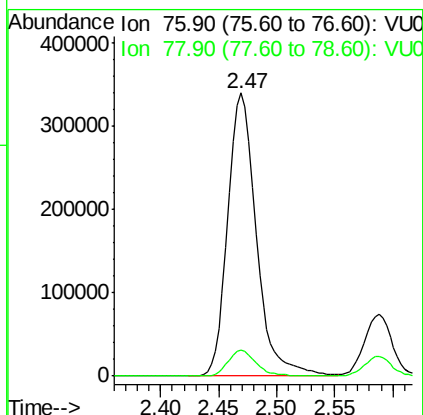
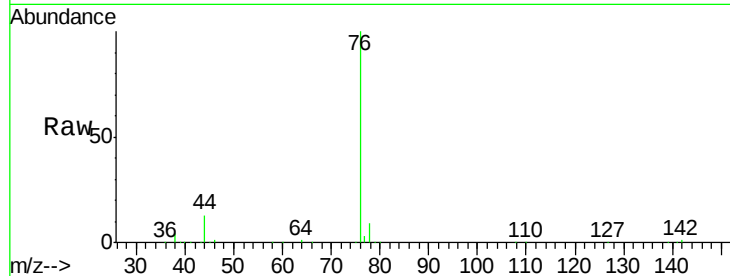




#17  
Carbon Disulfide  
Concen: 147.05 ug/l  
RT: 2.47 min Scan# 403  
Delta R.T. -0.01 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

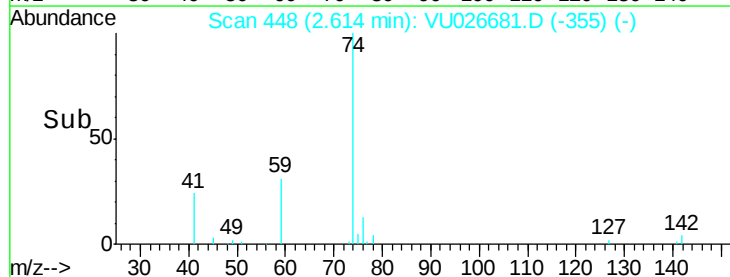
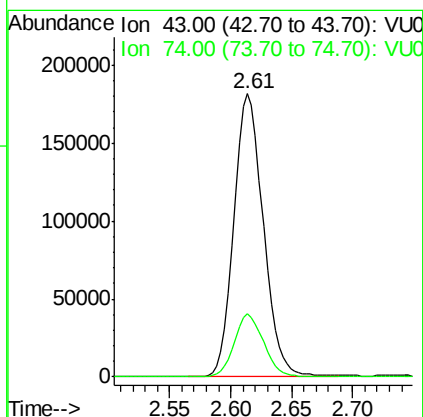
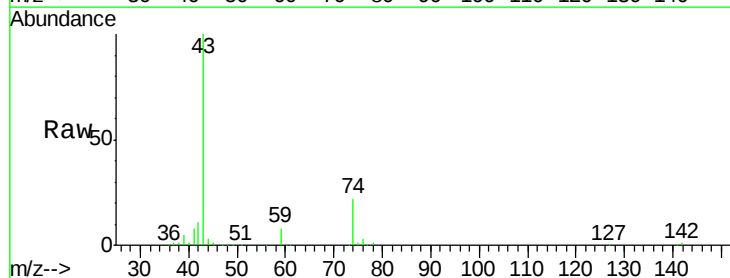
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

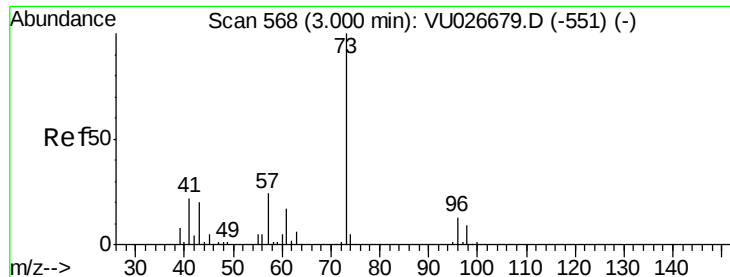
Tot Ion: 76 Resp: 579898  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.0 10.6



#18  
Methyl Acetate  
Concen: 151.95 ug/l  
RT: 2.61 min Scan# 448  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Tgt Ion: 43 Resp: 303995  
Ion Ratio Lower Upper  
43 100  
74 22.4 17.7 26.5

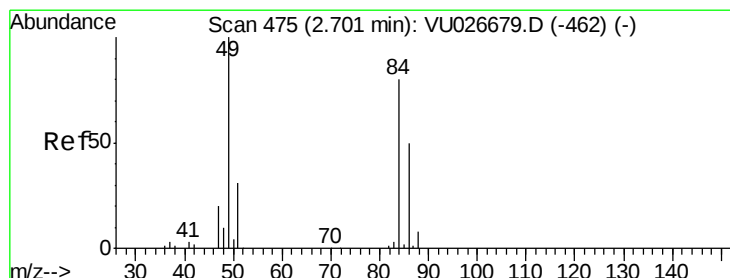
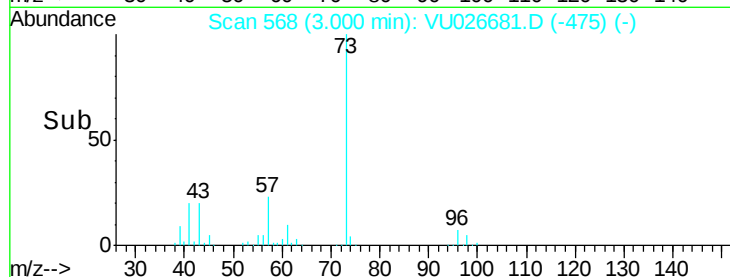
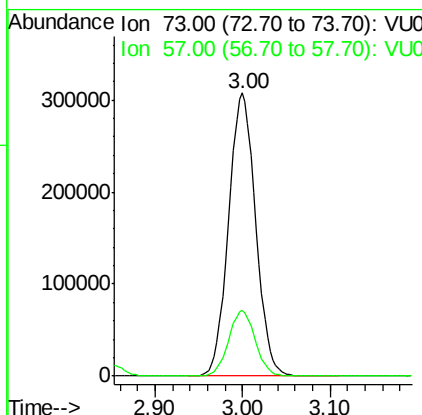
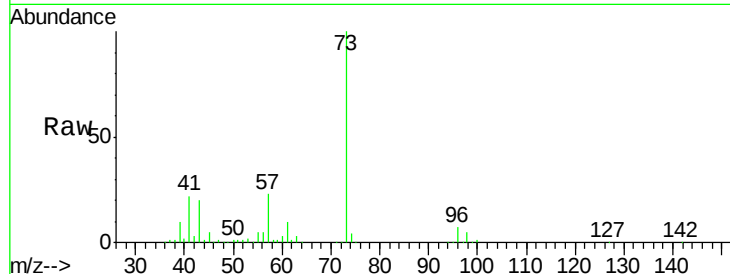




#19  
Methvl tert-butvl Ether  
Concen: 154.28 ug/l  
RT: 3.00 min Scan# 568  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

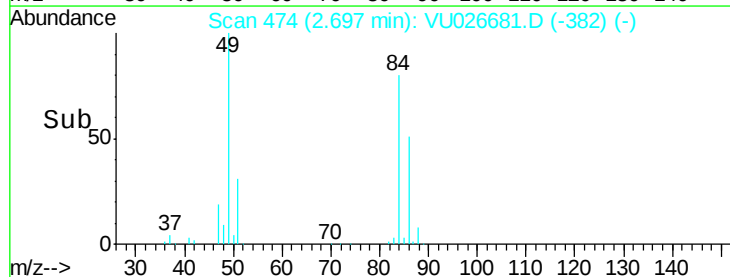
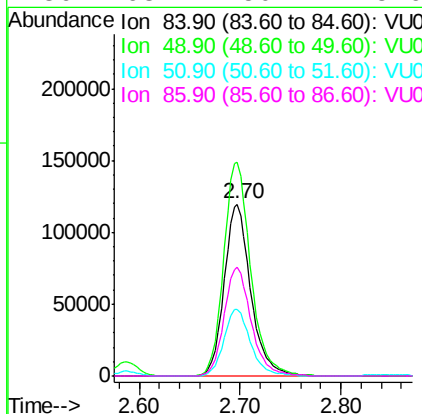
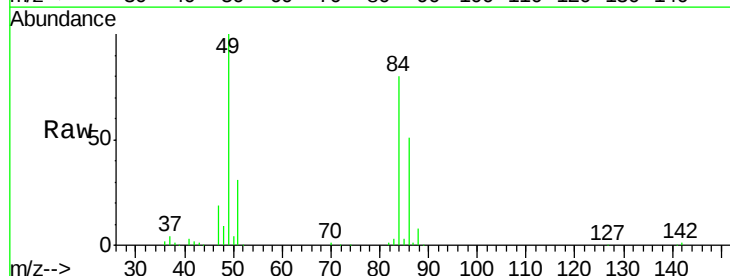
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

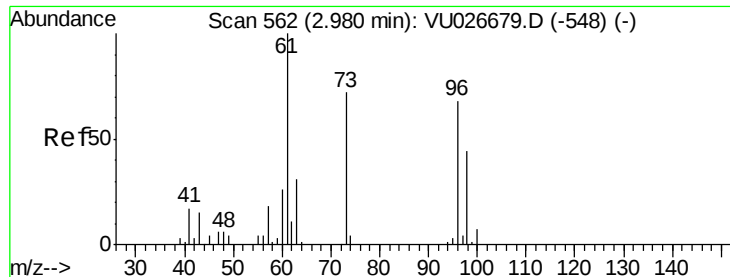
Tot Ion: 73 Resp: 658395  
Ion Ratio Lower Upper  
73 100  
57 23.2 18.9 28.3



#20  
Methylene Chloride  
Concen: 145.87 ug/l  
RT: 2.70 min Scan# 474  
Delta R.T. -0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Tgt Ion: 84 Resp: 219390  
Ion Ratio Lower Upper  
84 100  
49 124.4 100.6 151.0  
51 39.0 30.9 46.3  
86 63.2 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 152.95 ug/l

RT: 2.98 min Scan# 561

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

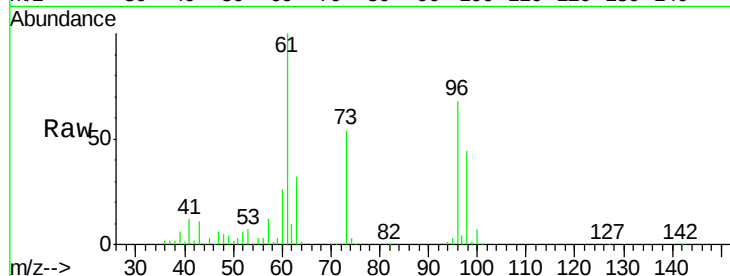
Tot Ion: 96 Resp: 199706

Ion Ratio Lower Upper

96 100

61 146.4 117.7 176.5

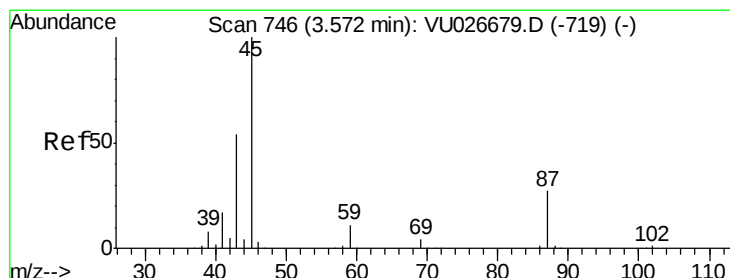
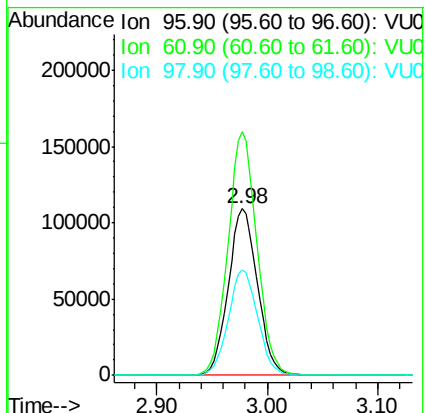
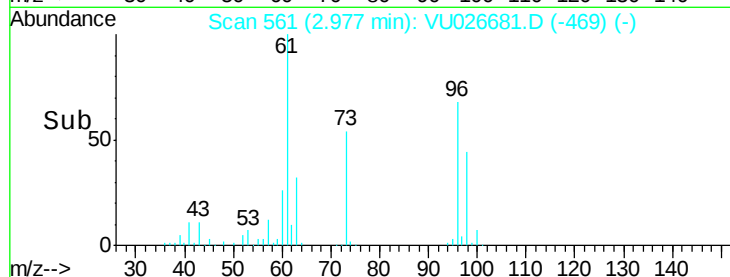
98 63.7 52.0 78.0



Abundance Ion 95.90 (95.60 to 96.60): VU026679.D (-548) (-)

Ion 60.90 (60.60 to 61.60): VU026679.D (-548) (-)

Ion 97.90 (97.60 to 98.60): VU026679.D (-548) (-)



#22

Diisopropyl ether

Concen: 156.93 ug/l

RT: 3.57 min Scan# 746

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Tgt Ion: 45 Resp: 731151

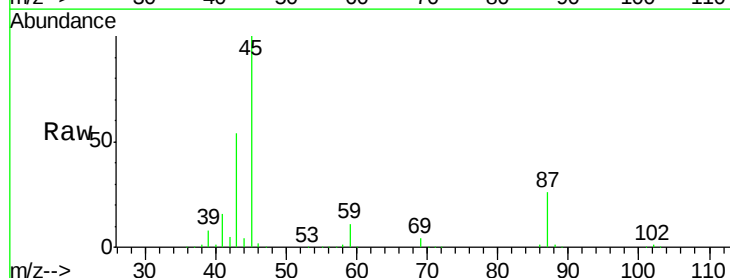
Ion Ratio Lower Upper

45 100

43 53.6 44.6 67.0

87 25.8 21.4 32.0

59 11.2 9.0 13.4

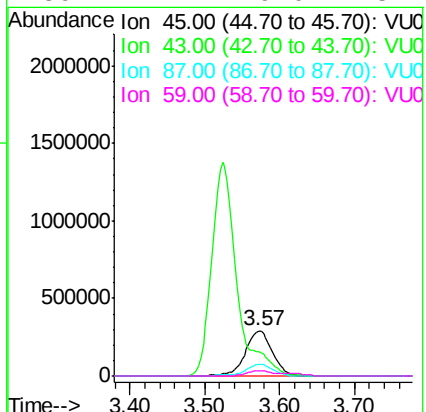
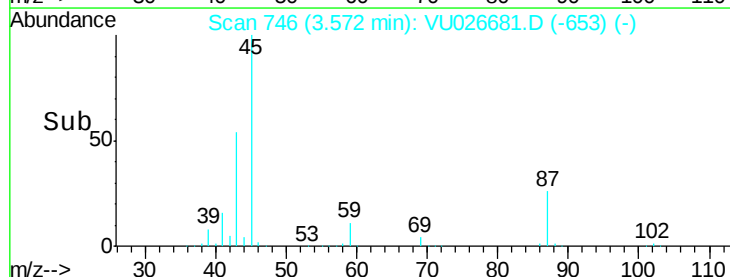


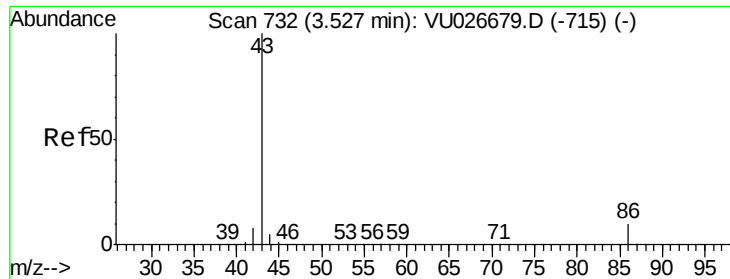
Abundance Ion 45.00 (44.70 to 45.70): VU026679.D (-719) (-)

Ion 43.00 (42.70 to 43.70): VU026679.D (-719) (-)

Ion 87.00 (86.70 to 87.70): VU026679.D (-719) (-)

Ion 59.00 (58.70 to 59.70): VU026679.D (-719) (-)





#23

Vinyl Acetate

Concen: 812.76 ug/l

RT: 3.52 min Scan# 731

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

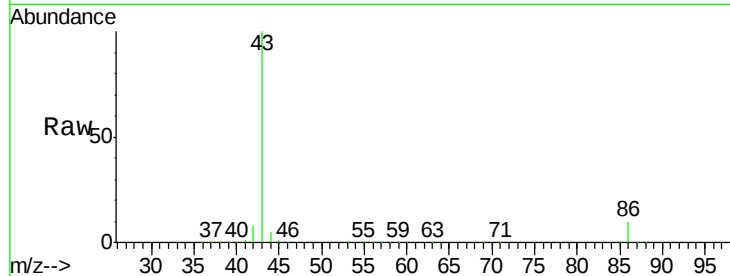
VSTDIC150

Tot Ion: 43 Resp: 3216618

Ion Ratio Lower Upper

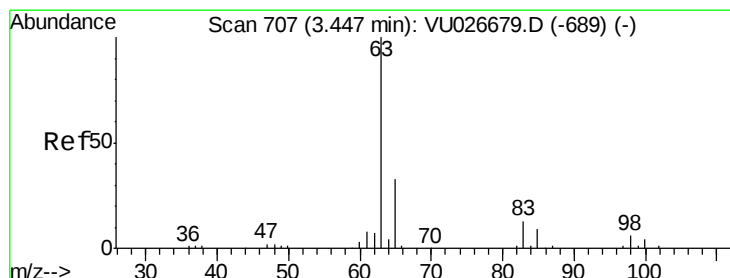
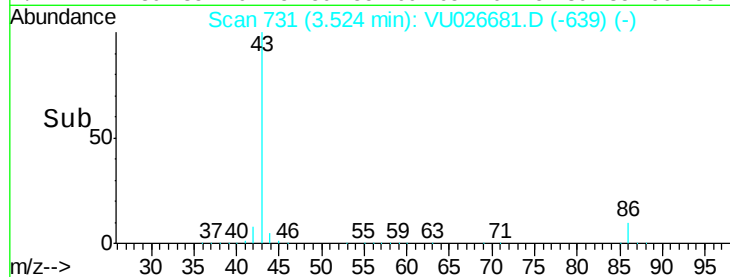
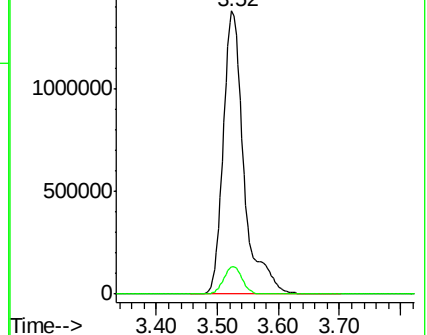
43 100

86 9.8 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU026681.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU026681.D (-639) (-)



#24

1,1-Dichloroethane

Concen: 150.70 ug/l

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

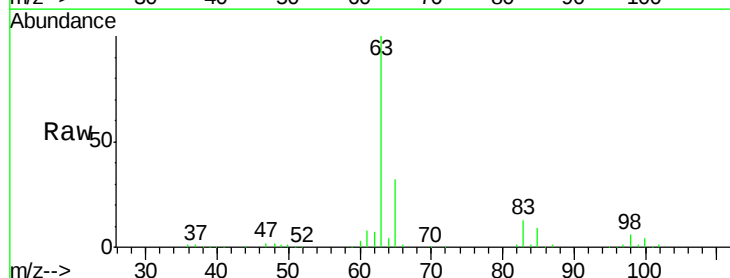
Tgt Ion: 63 Resp: 396074

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

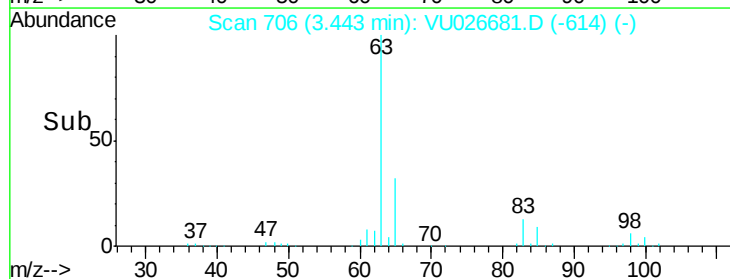
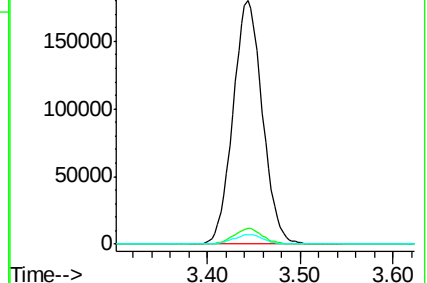
100 4.0 2.0 6.0

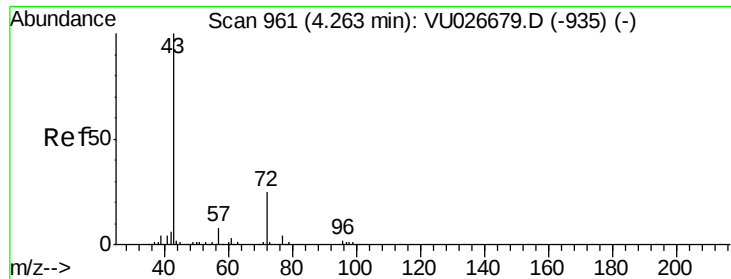


Abundance Ion 62.90 (62.60 to 63.60): VU026681.D (-614) (-)

Ion 97.90 (97.60 to 98.60): VU026681.D (-614) (-)

Ion 99.90 (99.60 to 100.60): VU026681.D (-614) (-)





#25

2-Butanone

Concen: 758.44 ug/l

RT: 4.26 min Scan# 961

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

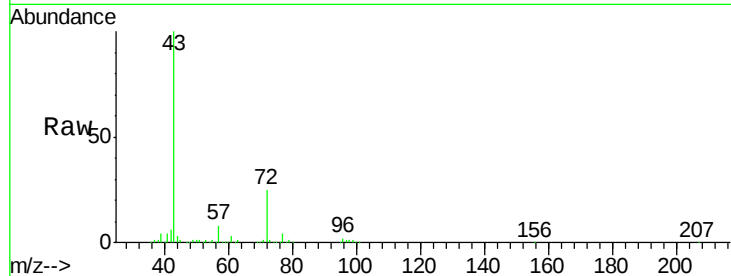
VSTDIC150

Tot Ion: 43 Resp: 947297

Ion Ratio Lower Upper

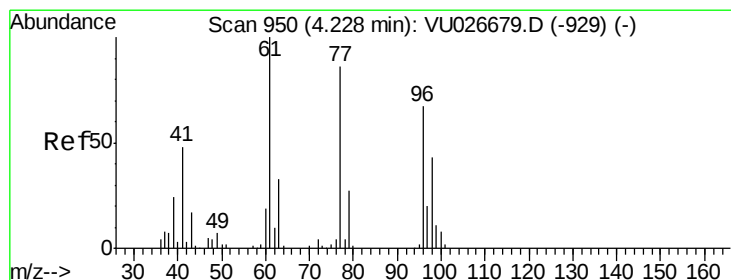
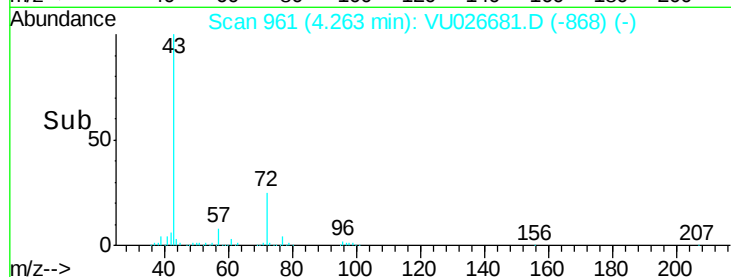
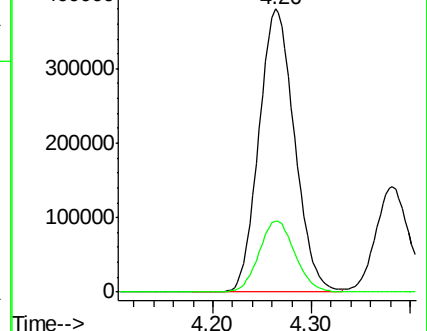
43 100

72 25.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 148.93 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU026681.D

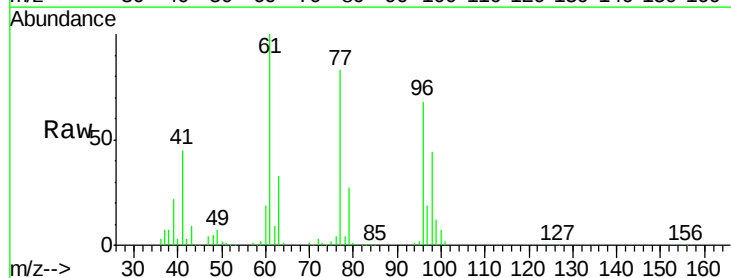
Acq: 11 Sep 2018 12:30

Tgt Ion: 77 Resp: 321733

Ion Ratio Lower Upper

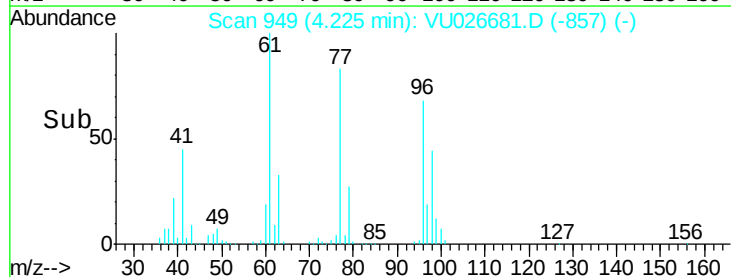
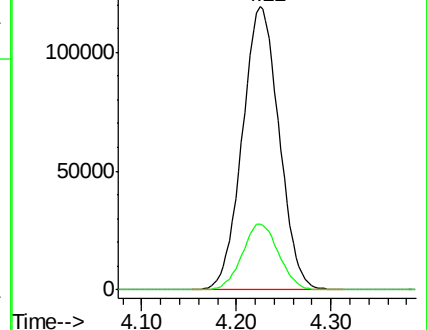
77 100

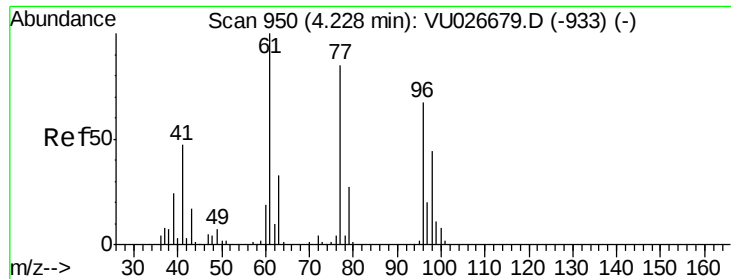
97 23.0 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0





#27

cis-1,2-Dichloroethene

Concen: 153.99 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

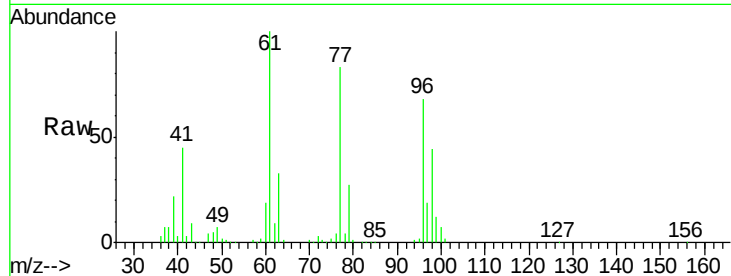
Tot Ion: 96 Resp: 231742

Ion Ratio Lower Upper

96 100

61 151.4 0.0 301.8

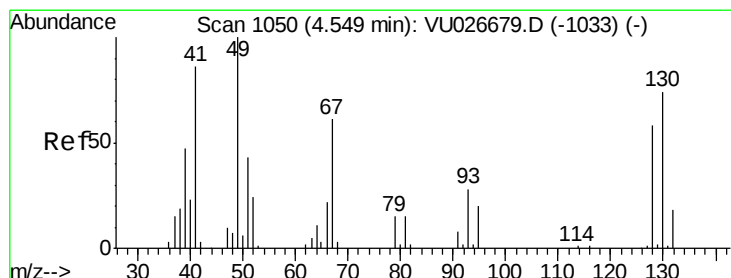
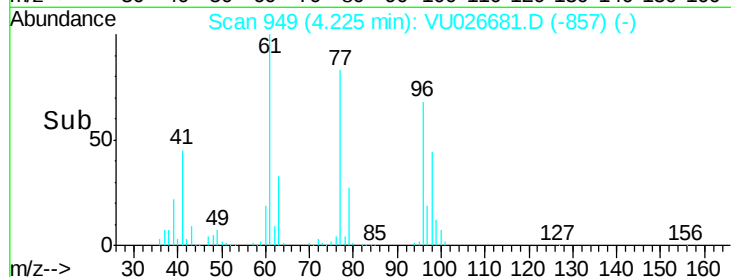
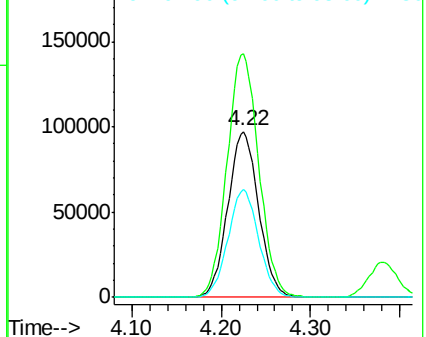
98 65.2 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#28

Bromochloromethane

Concen: 146.16 ug/l

RT: 4.55 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

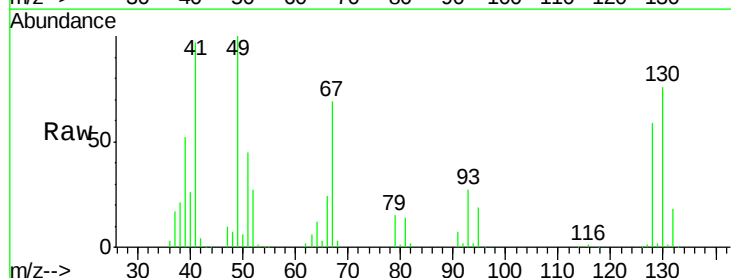
Tgt Ion: 49 Resp: 183689

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

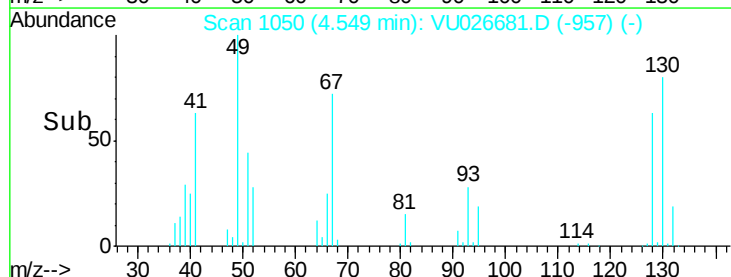
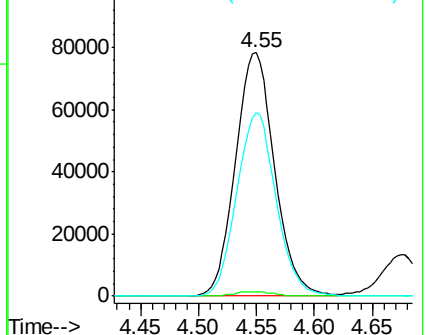
130 75.9 59.8 89.6

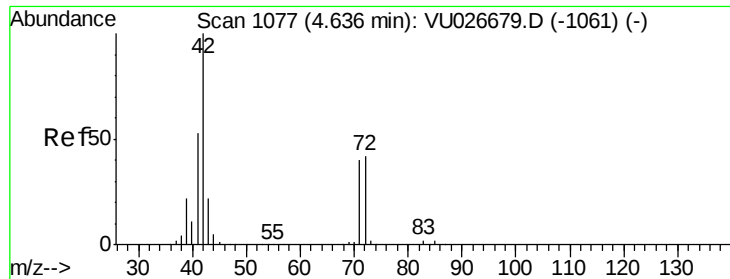


Abundance Ion 48.90 (48.60 to 49.60): VU0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

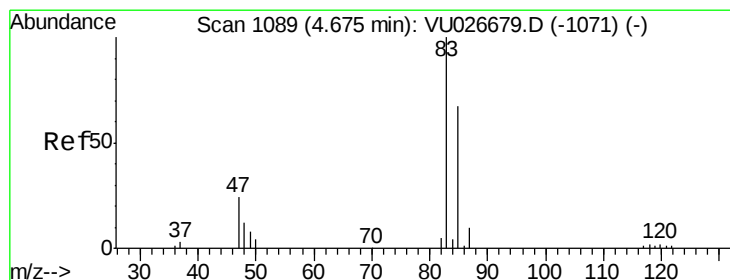
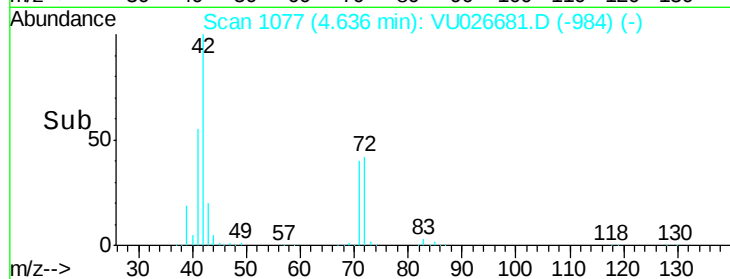
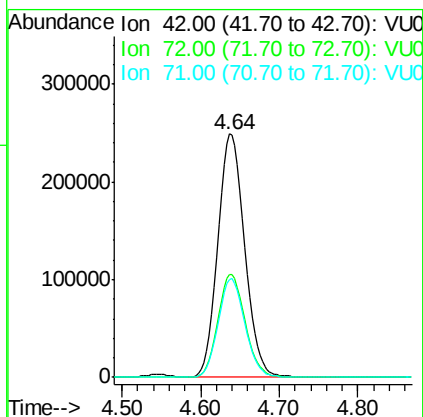
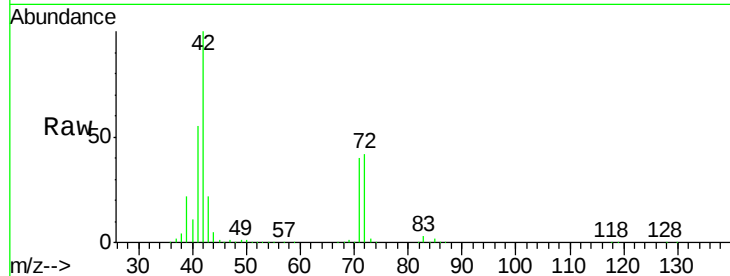




#29  
Tetrahydrofuran  
Concen: 775.10 ug/l  
RT: 4.64 min Scan# 1077  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

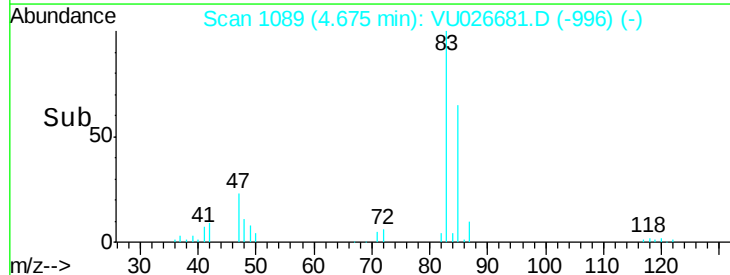
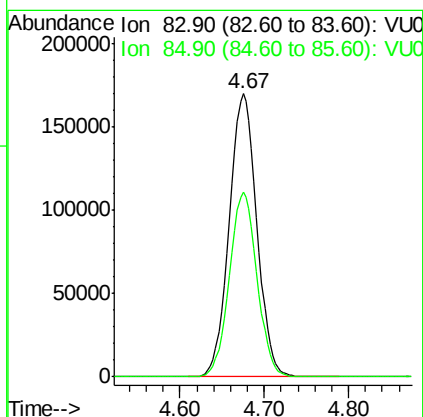
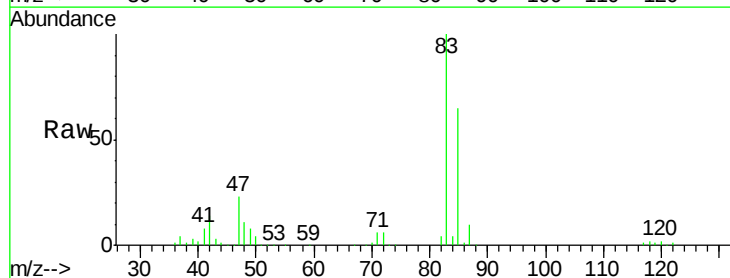
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

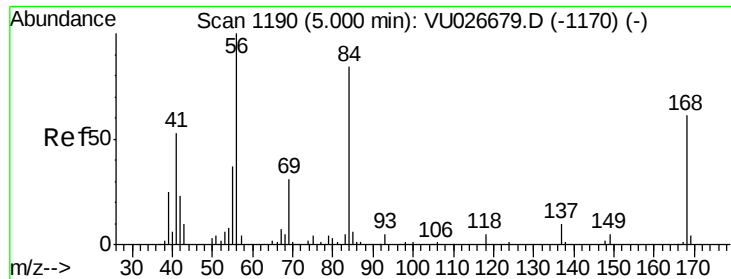
Tot Ion: 42 Resp: 583666  
Ion Ratio Lower Upper  
42 100  
72 43.0 34.4 51.6  
71 40.5 32.4 48.6



#30  
Chloroform  
Concen: 149.30 ug/l  
RT: 4.67 min Scan# 1089  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Tgt Ion: 83 Resp: 385870  
Ion Ratio Lower Upper  
83 100  
85 65.2 53.3 79.9

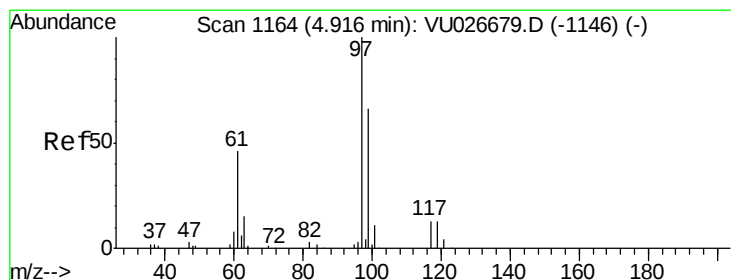
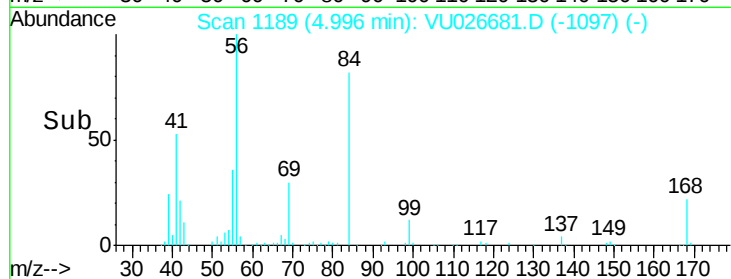
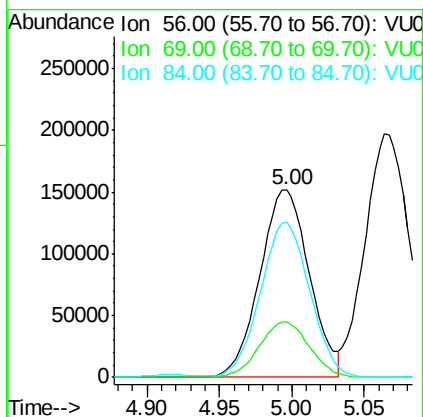
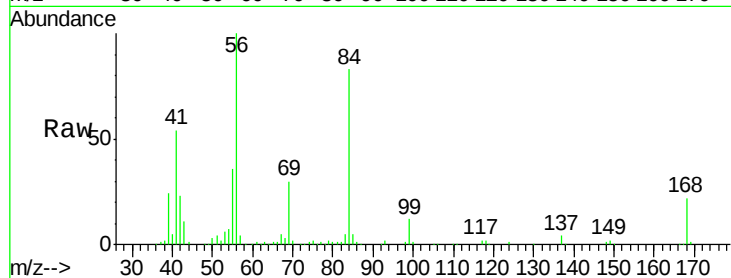




#31  
Cyclohexane  
Concen: 132.56 ug/l  
RT: 5.00 min Scan# 1189  
Delta R.T. -0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

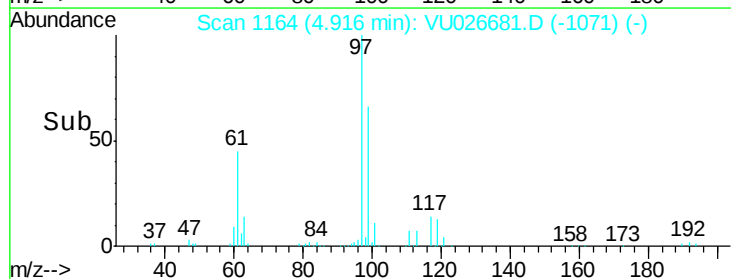
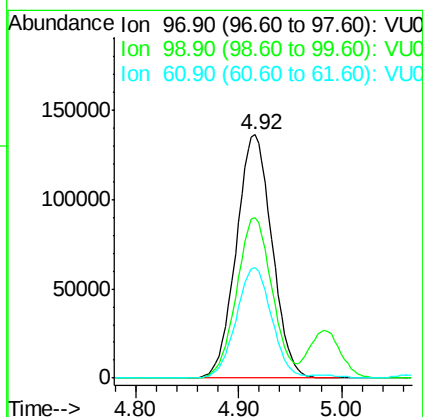
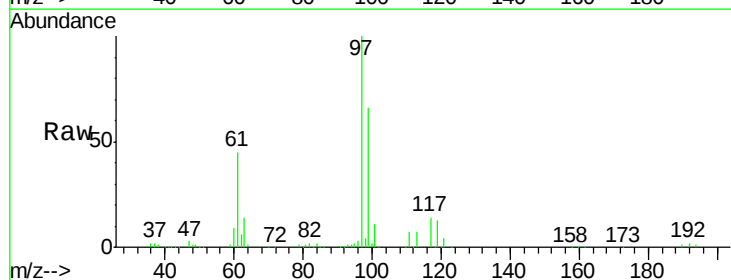
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

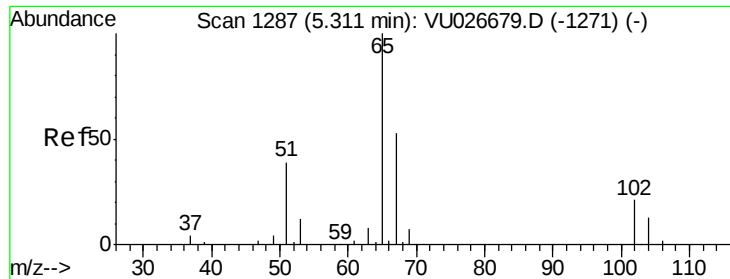
Tot Ion: 56 Resp: 360586  
Ion Ratio Lower Upper  
56 100  
69 29.6 24.9 37.3  
84 81.9 66.6 100.0



#32  
1,1,1-Trichloroethane  
Concen: 153.66 ug/l  
RT: 4.92 min Scan# 1164  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Tgt Ion: 97 Resp: 328817  
Ion Ratio Lower Upper  
97 100  
99 65.3 52.2 78.2  
61 44.9 36.8 55.2

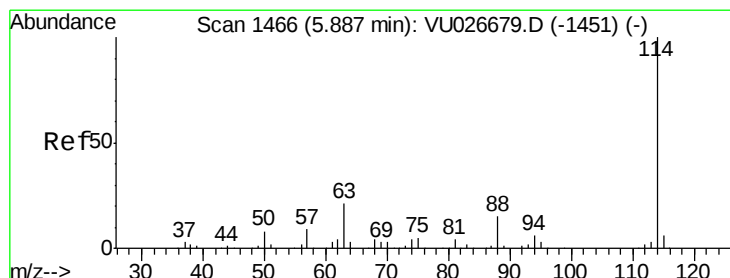
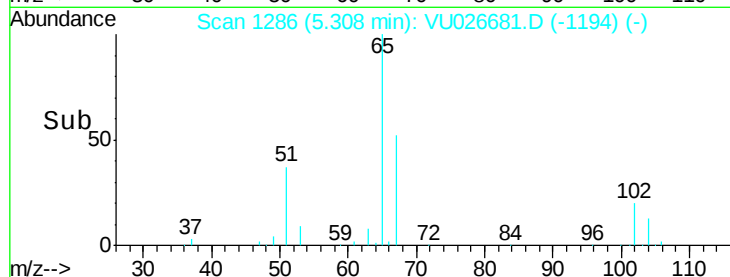
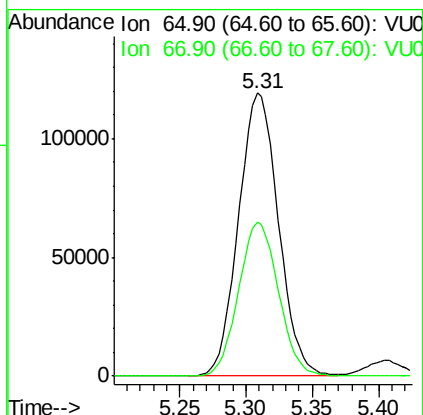
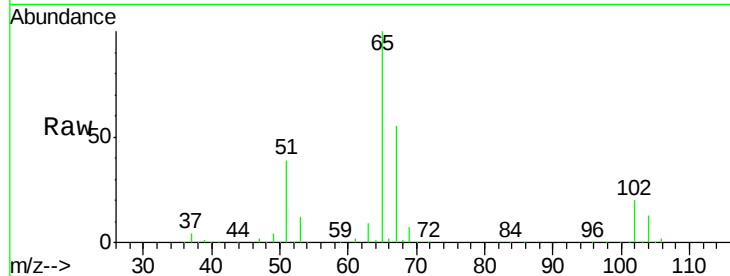




#33  
 1,2-Dichloroethane-d4  
 Concen: 152.71 ug/l  
 RT: 5.31 min Scan# 1286  
 Delta R.T. -0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

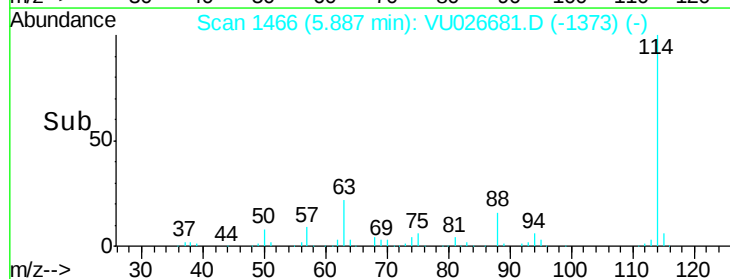
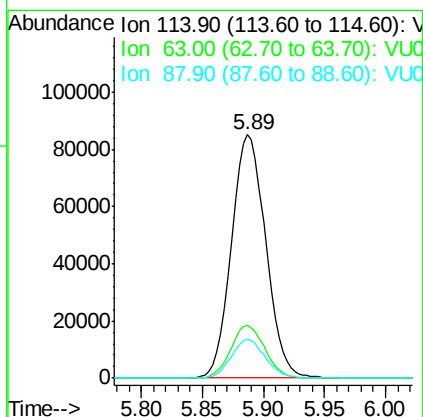
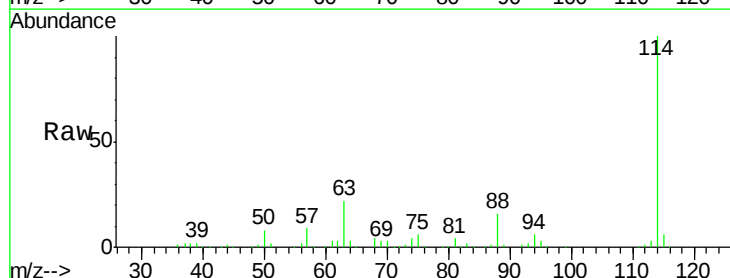
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

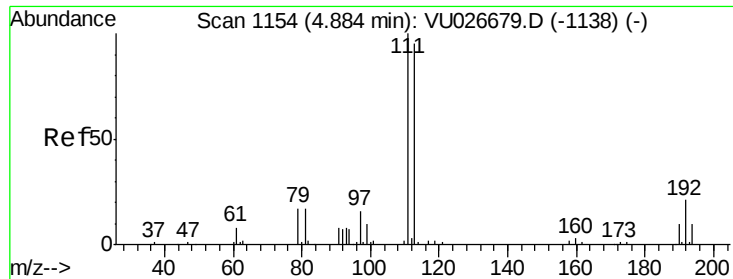
Tot Ion: 65 Resp: 250092  
 Ion Ratio Lower Upper  
 65 100  
 67 54.4 0.0 106.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.89 min Scan# 1466  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

Tgt Ion: 114 Resp: 166355  
 Ion Ratio Lower Upper  
 114 100  
 63 21.8 0.0 41.4  
 88 15.8 0.0 30.8

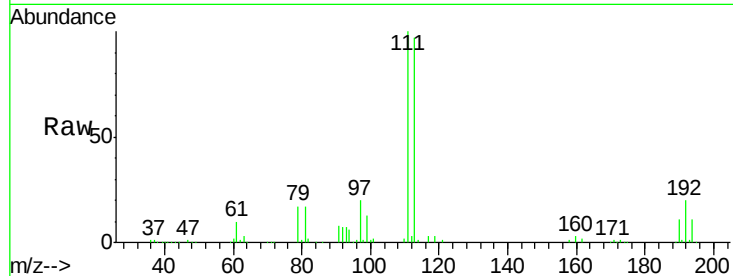




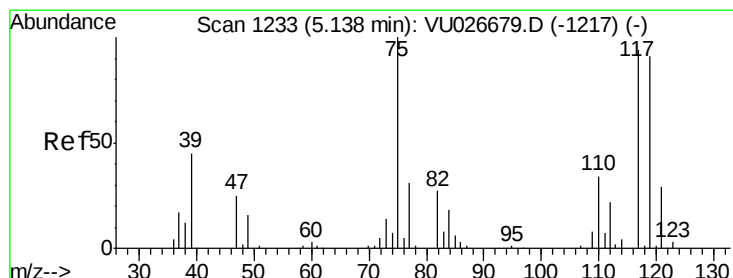
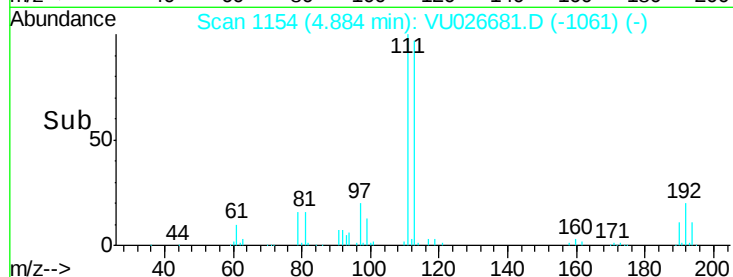
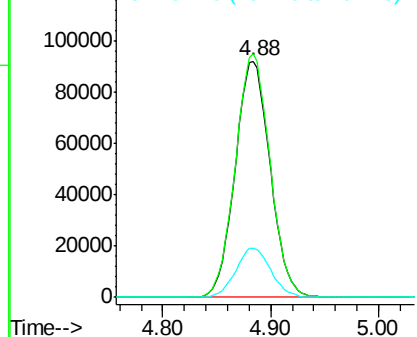
#35  
 Dibromofluoromethane  
 Concen: 153.64 ug/l  
 RT: 4.88 min Scan# 1154  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

Tot Ion:113 Resp: 208476  
 Ion Ratio Lower Upper  
 113 100  
 111 102.1 83.1 124.7  
 192 20.9 17.4 26.2

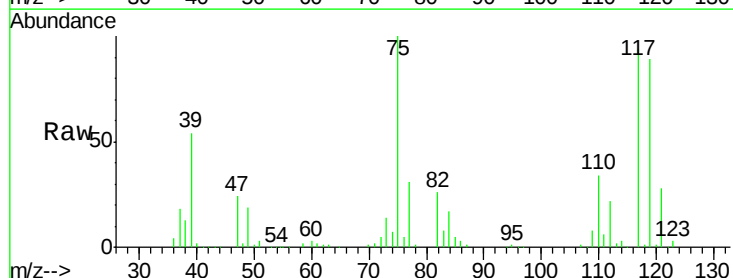


Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V

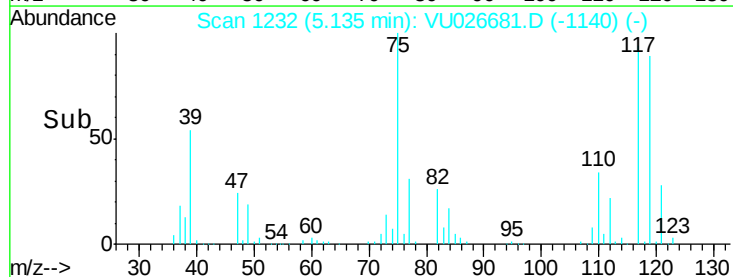
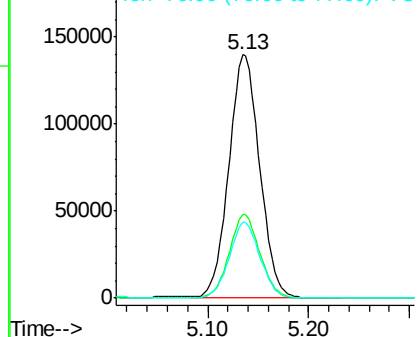


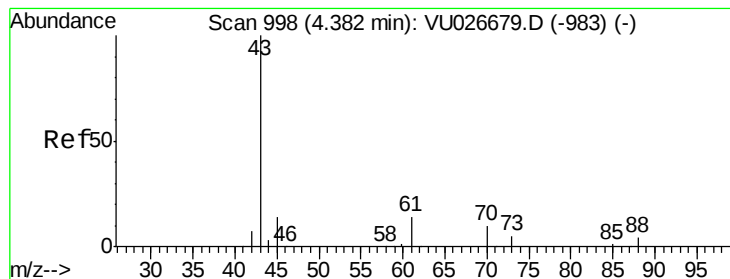
#36  
 1,1-Dichloropropene  
 Concen: 159.05 ug/l  
 RT: 5.13 min Scan# 1232  
 Delta R.T. -0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

Tgt Ion: 75 Resp: 297057  
 Ion Ratio Lower Upper  
 75 100  
 110 34.4 17.3 51.9  
 77 31.2 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VU0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VU0





#37

Ethyl Acetate

Concen: 151.31 ug/l

RT: 4.38 min Scan# 998

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

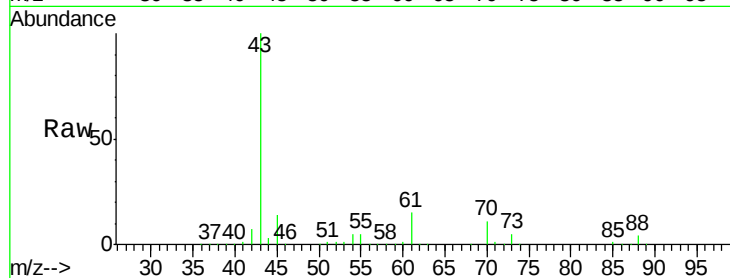
Tot Ion: 43 Resp: 339839

Ion Ratio Lower Upper

43 100

61 14.2 11.5 17.3

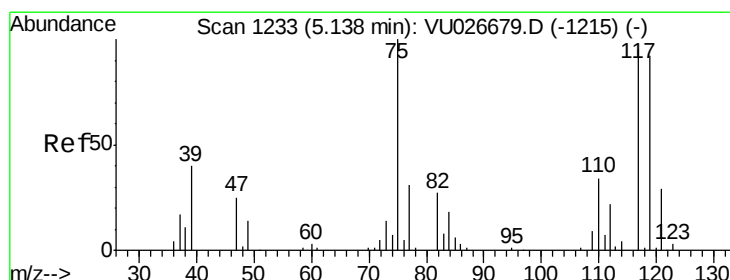
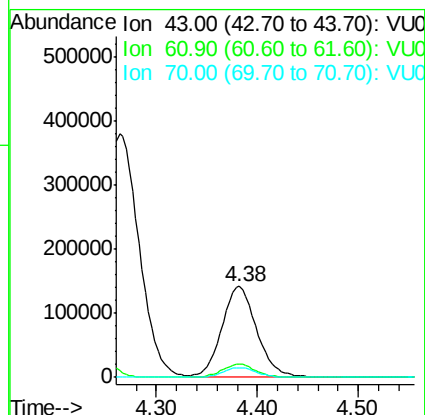
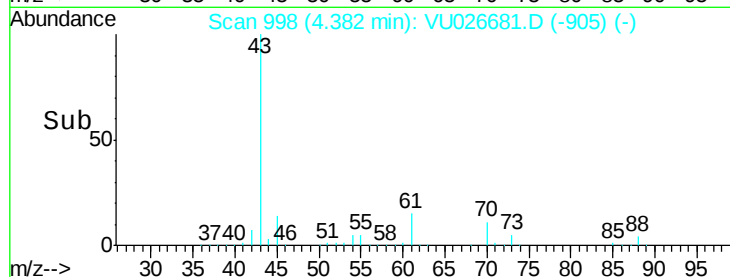
70 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VU026681.D (-905) (-)

Ion 60.90 (60.60 to 61.60): VU026681.D (-905) (-)

Ion 70.00 (69.70 to 70.70): VU026681.D (-905) (-)



#38

Carbon Tetrachloride

Concen: 150.80 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

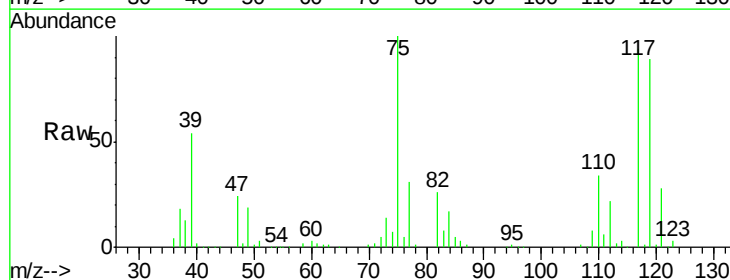
Tgt Ion: 117 Resp: 297575

Ion Ratio Lower Upper

117 100

119 95.3 77.8 116.8

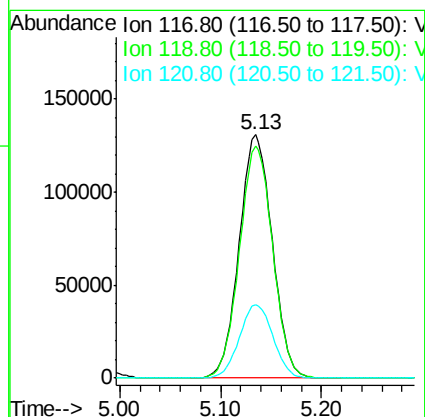
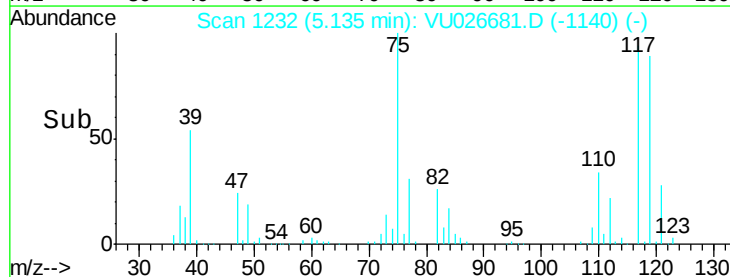
121 30.4 25.0 37.4

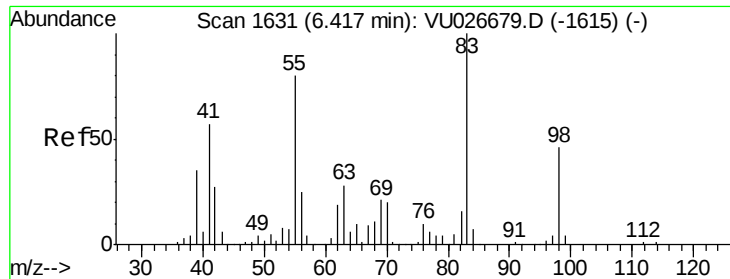


Abundance Ion 116.80 (116.50 to 117.50): VU026681.D (-1140) (-)

Ion 118.80 (118.50 to 119.50): VU026681.D (-1140) (-)

Ion 120.80 (120.50 to 121.50): VU026681.D (-1140) (-)

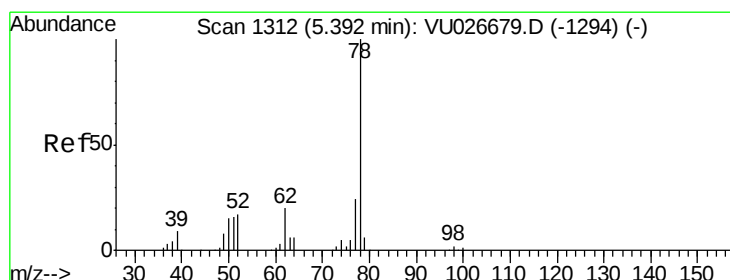
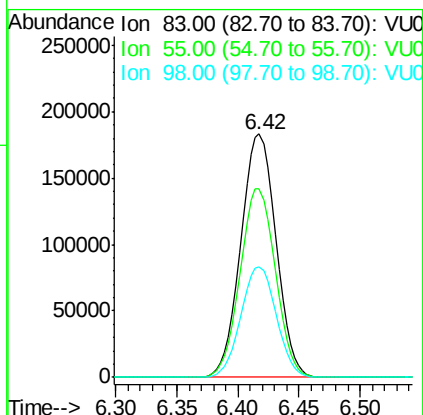
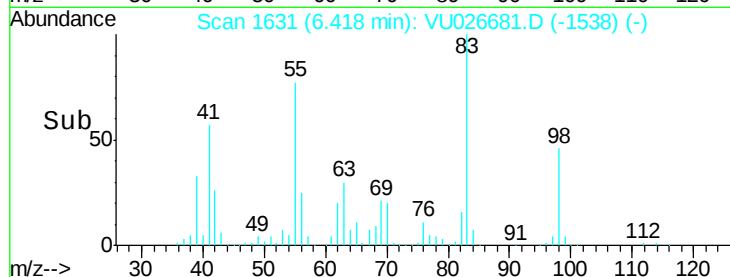
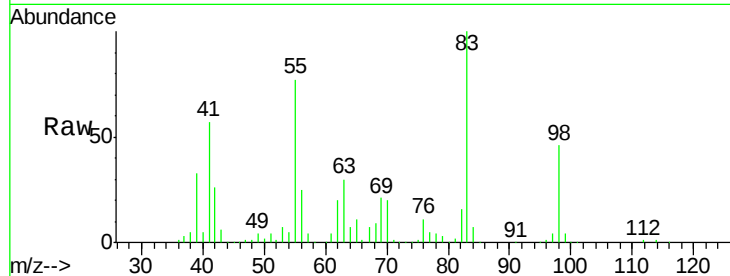




#39  
Methvlcvclohexane  
Concen: 164.74 ug/l  
RT: 6.42 min Scan# 1631  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

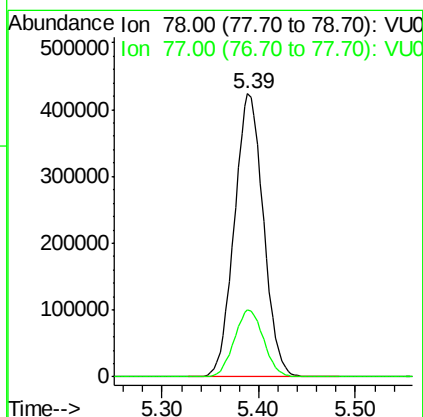
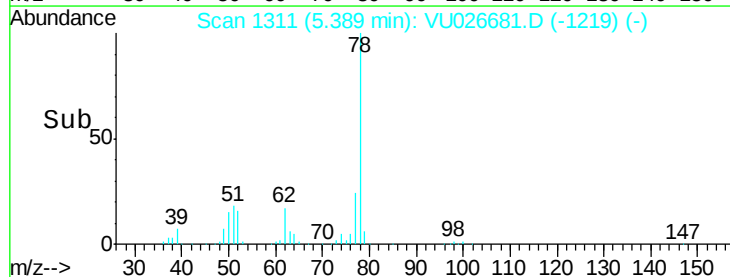
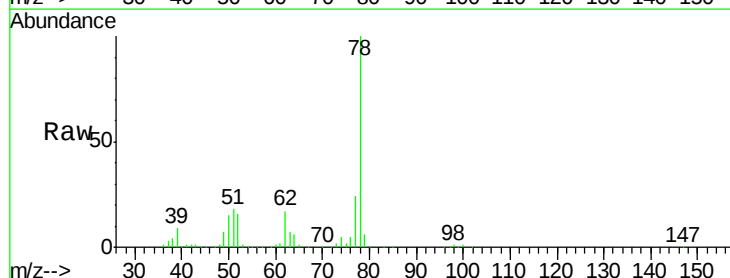
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

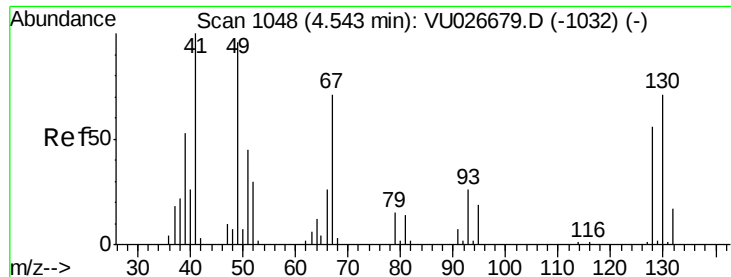
Tot Ion: 83 Resp: 365331  
Ion Ratio Lower Upper  
83 100  
55 77.3 63.8 95.6  
98 45.6 37.2 55.8



#40  
Benzene  
Concen: 151.90 ug/l  
RT: 5.39 min Scan# 1311  
Delta R.T. -0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Tgt Ion: 78 Resp: 881087  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.5 29.3

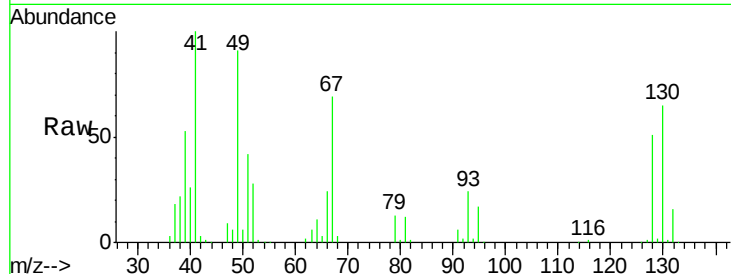




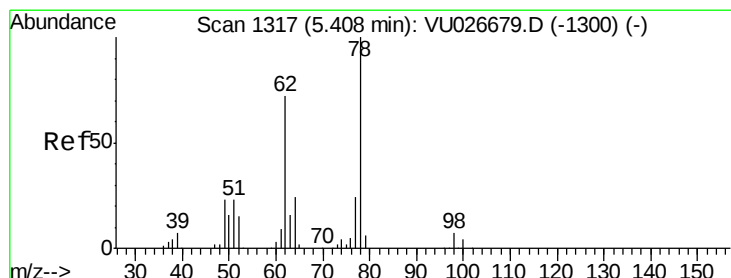
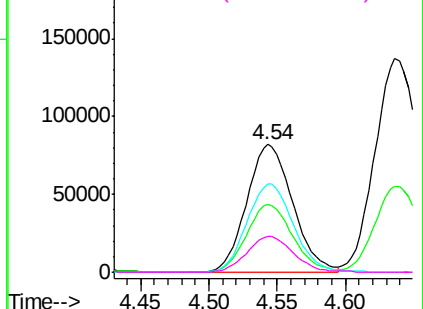
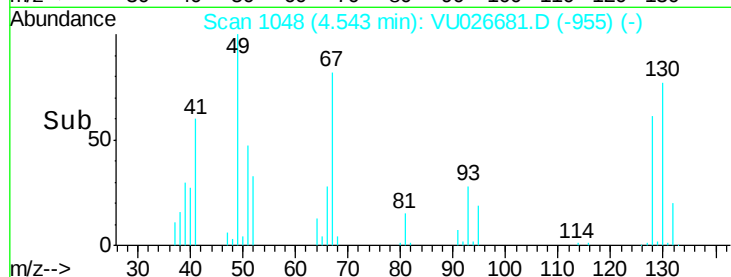
#41  
Methacrylonitrile  
Concen: 164.18 ug/l  
RT: 4.54 min Scan# 1048  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 191397 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 53.3  | 42.9  | 64.3   |
| 67       | 70.4  | 56.6  | 84.8   |
| 52       | 28.1  | 23.2  | 34.8   |

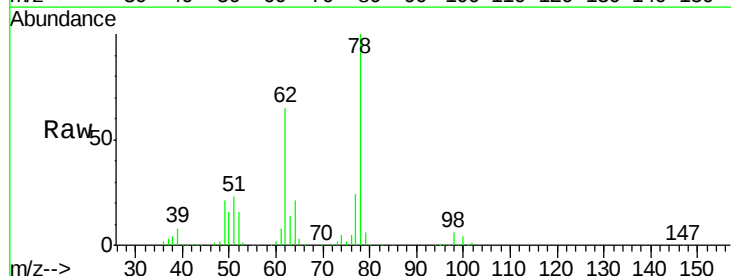


Abundance Ion 41.00 (40.70 to 41.70): VU0  
Ion 39.00 (38.70 to 39.70): VU0  
Ion 67.00 (66.70 to 67.70): VU0  
Ion 52.00 (51.70 to 52.70): VU0

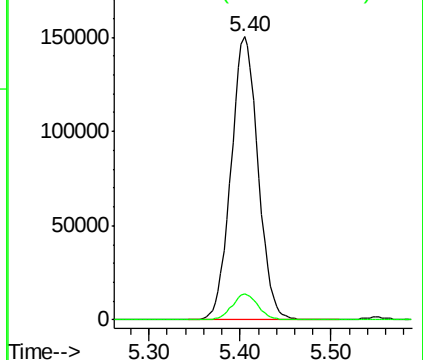
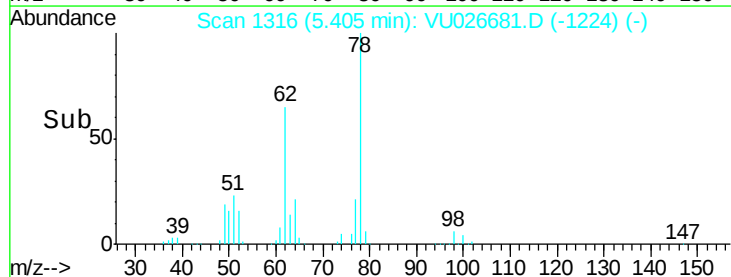


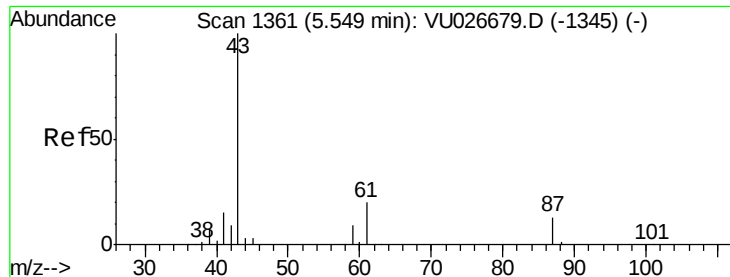
#42  
1,2-Dichloroethane  
Concen: 149.88 ug/l  
RT: 5.40 min Scan# 1316  
Delta R.T. -0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 309995 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.9   | 0.0   | 17.8   |



Abundance Ion 61.90 (61.60 to 62.60): VU0  
Ion 97.90 (97.60 to 98.60): VU0

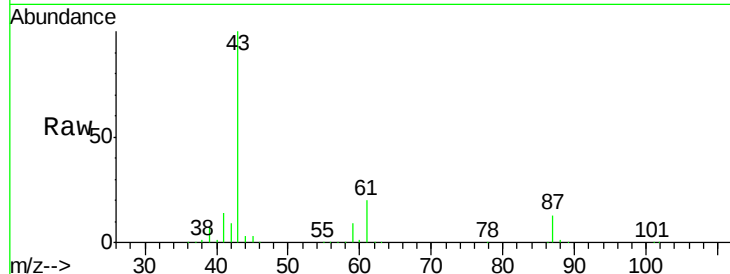




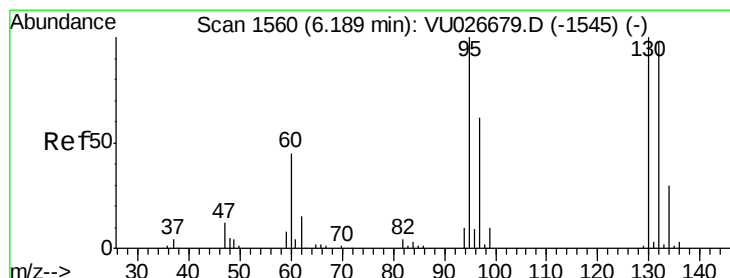
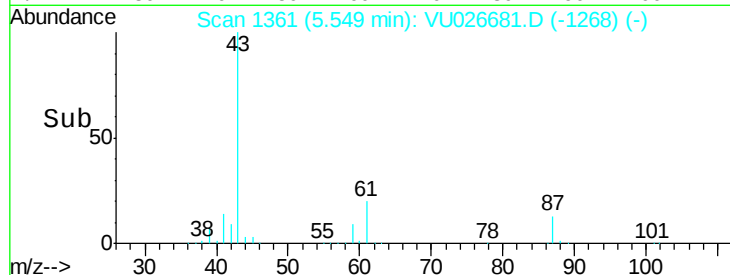
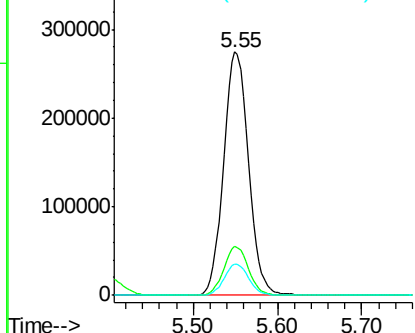
#43  
Isopropyl Acetate  
Concen: 164.48 ug/l  
RT: 5.55 min Scan# 1361  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

Tot Ion: 43 Resp: 562500  
Ion Ratio Lower Upper  
43 100  
61 19.9 16.0 24.0  
87 12.7 10.1 15.1

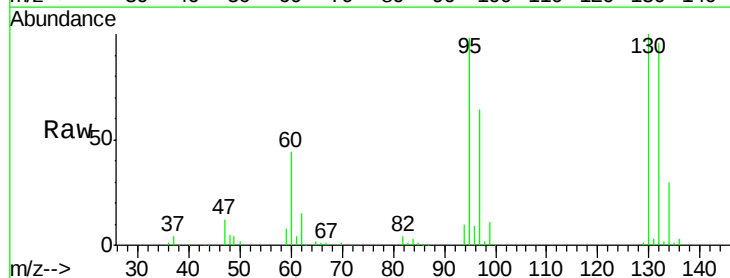


Abundance Ion 43.00 (42.70 to 43.70): VU0  
Ion 61.00 (60.70 to 61.70): VU0  
Ion 87.00 (86.70 to 87.70): VU0

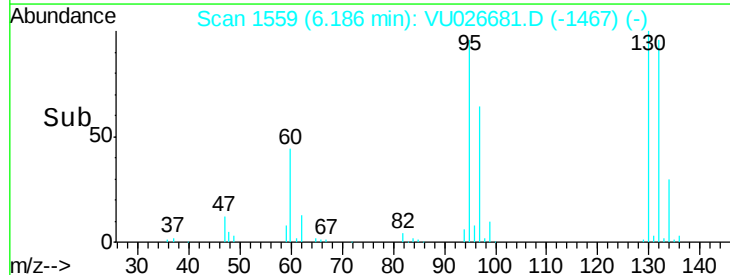
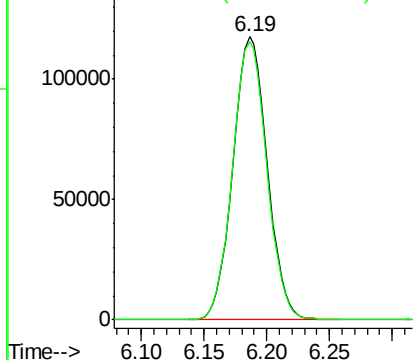


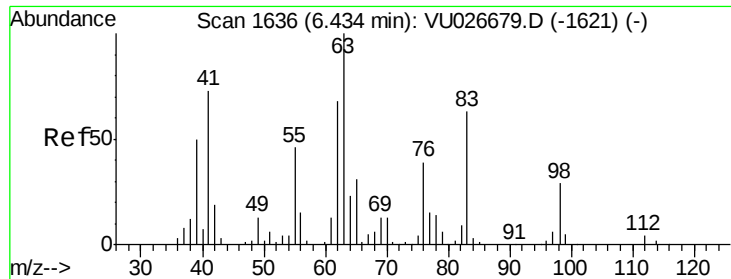
#44  
Trichloroethene  
Concen: 155.63 ug/l  
RT: 6.19 min Scan# 1559  
Delta R.T. -0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Tgt Ion:130 Resp: 223421  
Ion Ratio Lower Upper  
130 100  
95 98.4 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VU0





#45

1,2-Dichloropropane

Concen: 155.19 ug/l

RT: 6.43 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

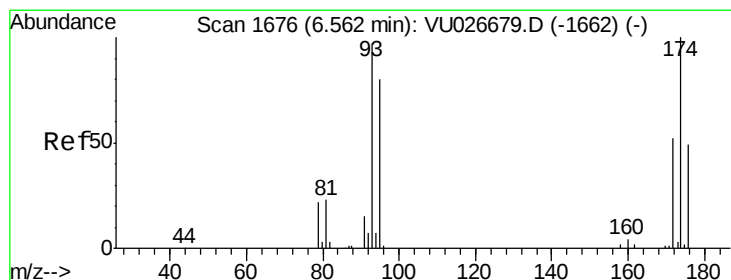
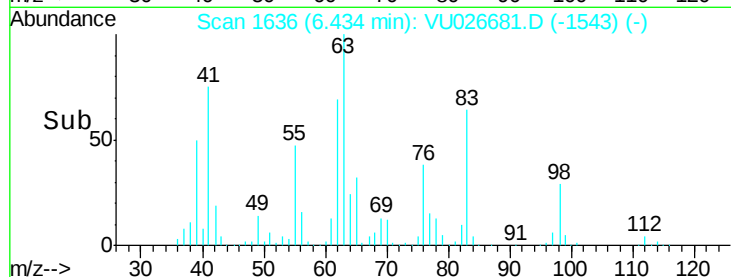
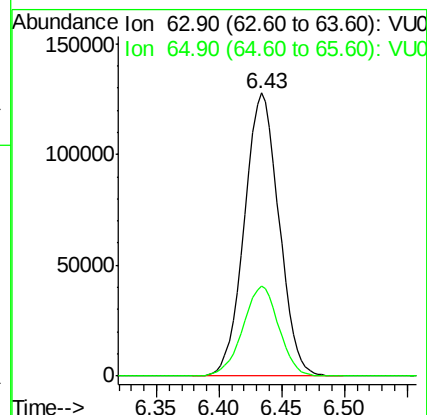
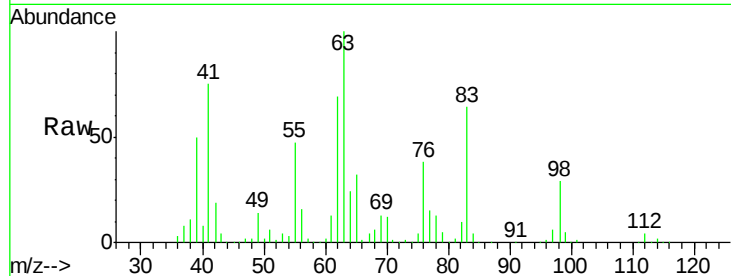
VSTDIC150

Tot Ion: 63 Resp: 244698

Ion Ratio Lower Upper

63 100

65 31.6 25.0 37.4



#46

Dibromomethane

Concen: 155.45 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

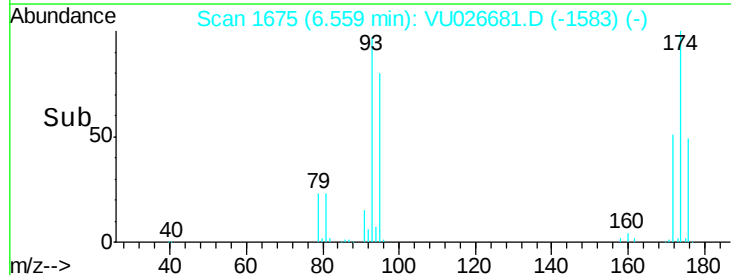
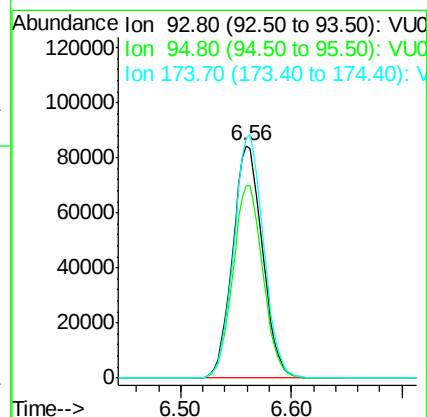
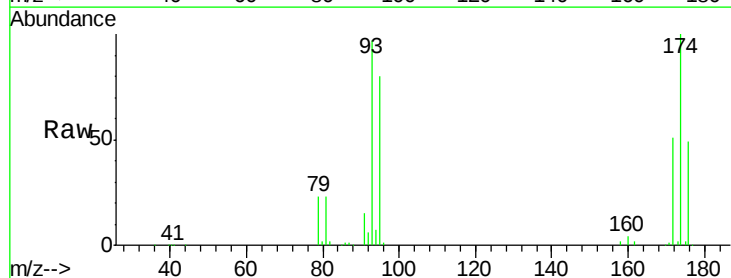
Tgt Ion: 93 Resp: 158176

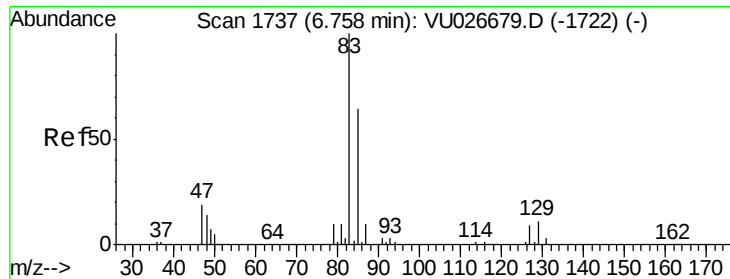
Ion Ratio Lower Upper

93 100

95 83.8 65.4 98.2

174 104.5 81.6 122.4

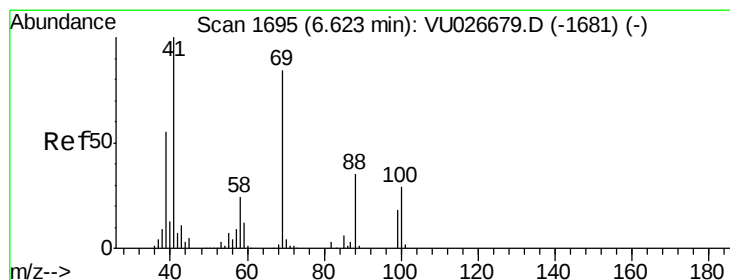
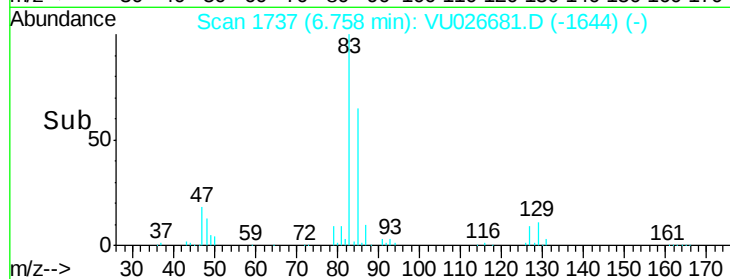
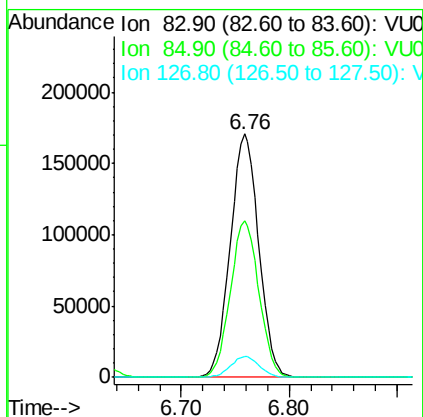
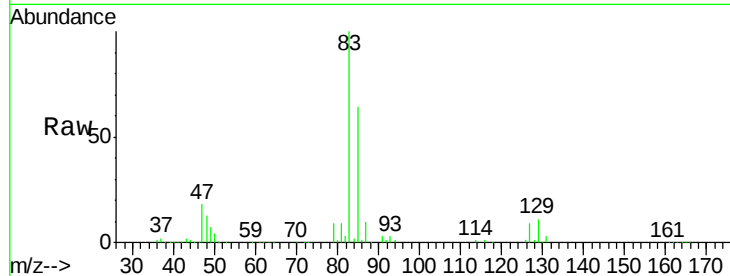




#47  
 Bromodichloromethane  
 Concen: 156.65 ug/l  
 RT: 6.76 min Scan# 1737  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

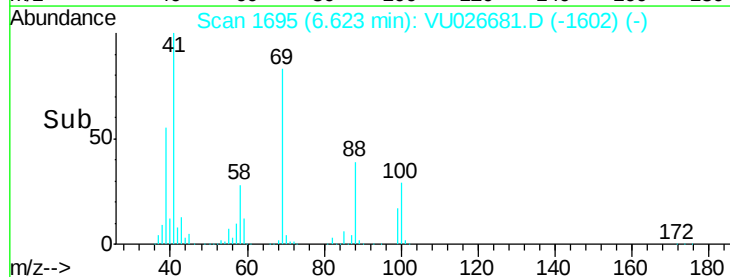
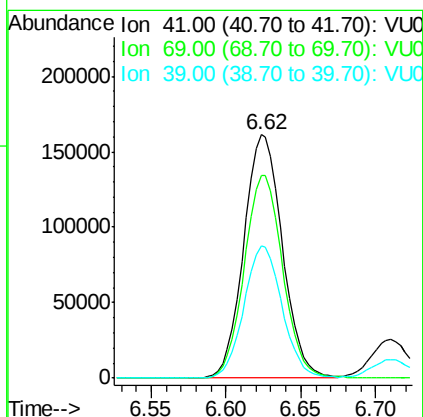
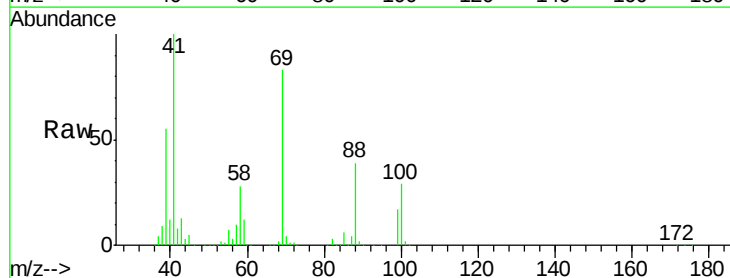
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

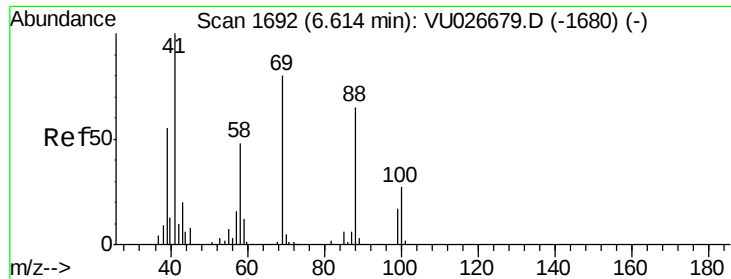
| Tot Ion   | 83    | Resp  | 313873 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.3  | 51.1  | 76.7   |
| 127       | 8.7   | 6.9   | 10.3   |



#48  
 Methyl methacrylate  
 Concen: 172.27 ug/l  
 RT: 6.62 min Scan# 1695  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

| Tgt Ion   | 41    | Resp  | 290709 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 83.3  | 66.6  | 99.8   |
| 39        | 53.6  | 43.6  | 65.4   |





#49

1,4-Dioxane

Concen: 3399.85 ug/l

RT: 6.62 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

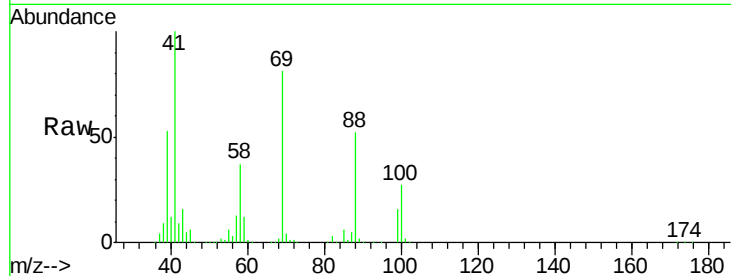
Tot Ion: 88 Resp: 132986

Ion Ratio Lower Upper

88 100

43 32.4 25.5 38.3

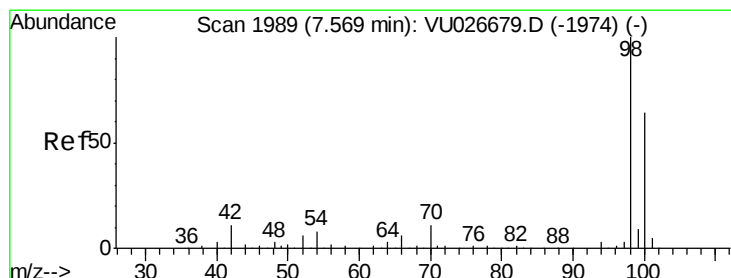
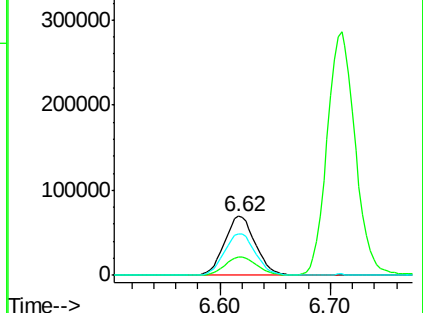
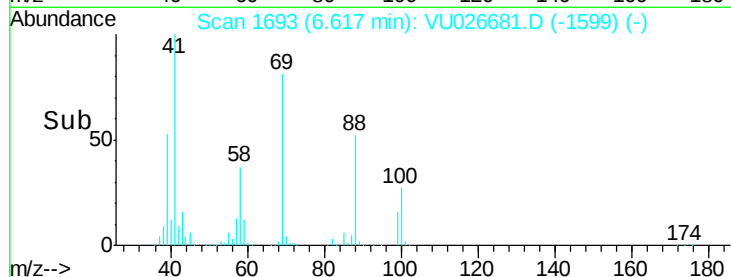
58 72.4 58.2 87.4



Abundance Ion 88.00 (87.70 to 88.70): VU026681.D (-1599) (-)

Ion 43.00 (42.70 to 43.70): VU026681.D (-1599) (-)

Ion 58.00 (57.70 to 58.70): VU026681.D (-1599) (-)



#50

Toluene-d8

Concen: 158.40 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU026681.D

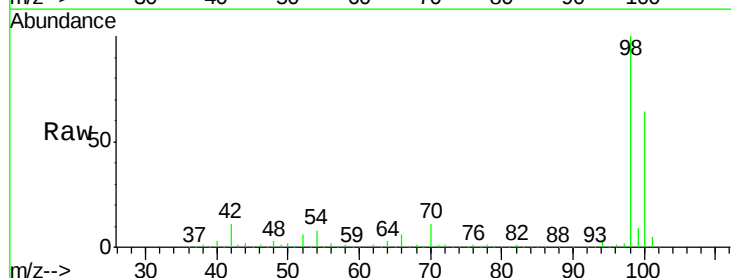
Acq: 11 Sep 2018 12:30

Tgt Ion: 98 Resp: 794953

Ion Ratio Lower Upper

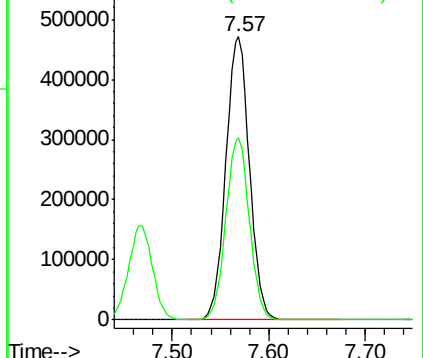
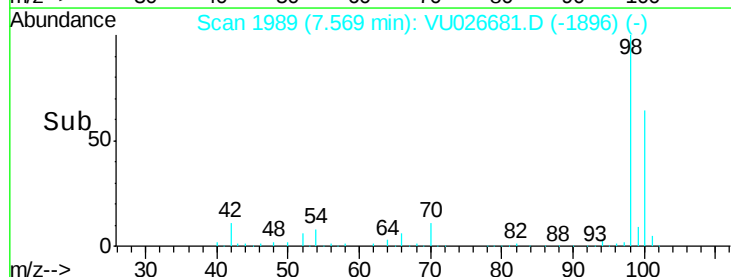
98 100

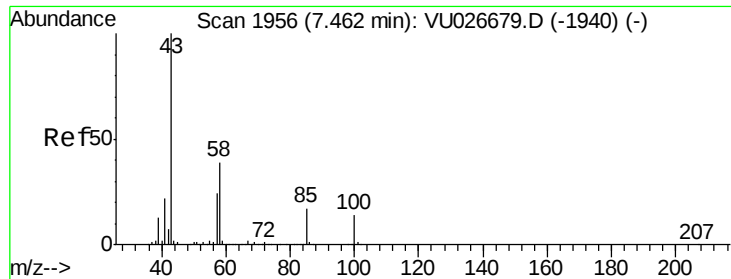
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VU026681.D (-1896) (-)

Ion 100.00 (99.70 to 100.70): VU026681.D (-1896) (-)





#51

4-Methyl-2-Pentanone

Concen: 857.06 ug/l

RT: 7.47 min Scan# 1957

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

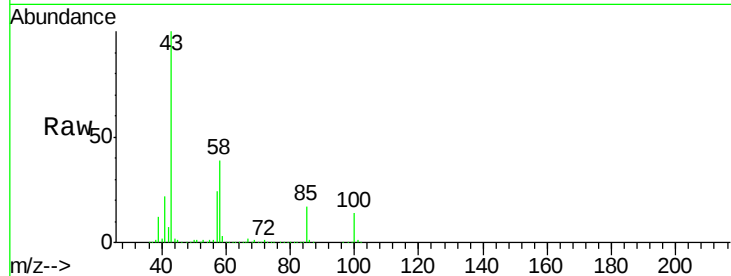
VSTDIC150

Tot Ion: 43 Resp: 1960549

Ion Ratio Lower Upper

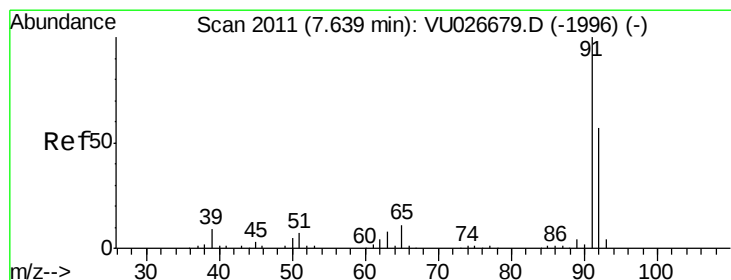
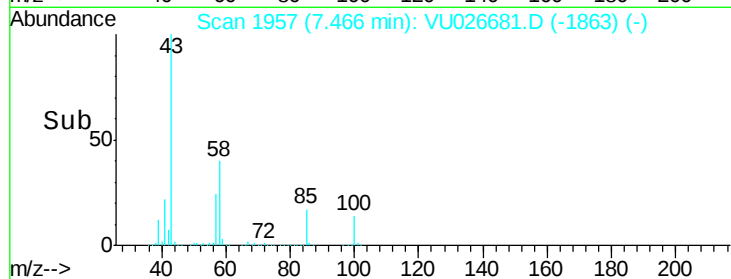
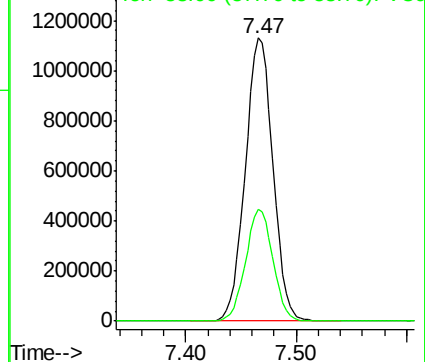
43 100

58 39.1 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 161.36 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU026681.D

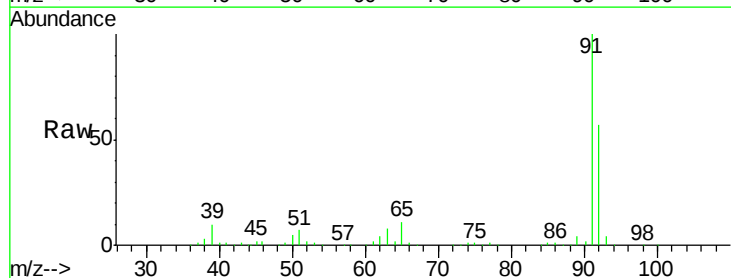
Acq: 11 Sep 2018 12:30

Tgt Ion: 92 Resp: 557519

Ion Ratio Lower Upper

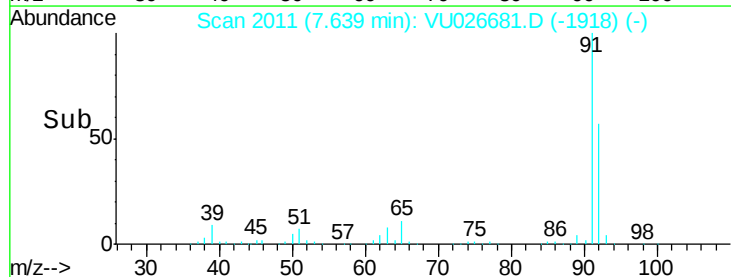
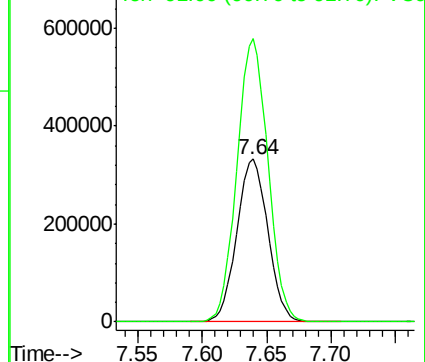
92 100

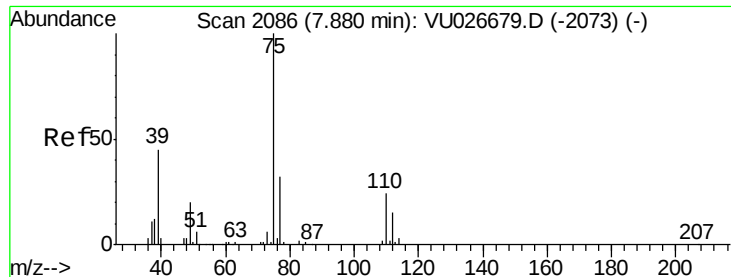
91 173.6 141.1 211.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

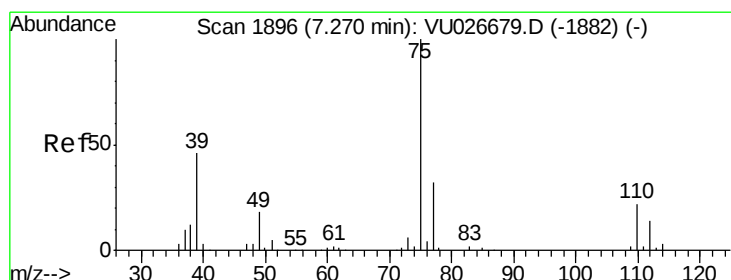
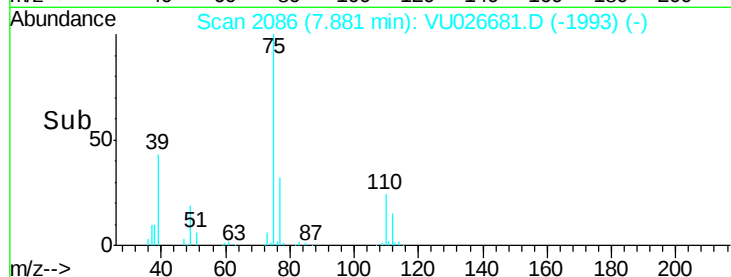
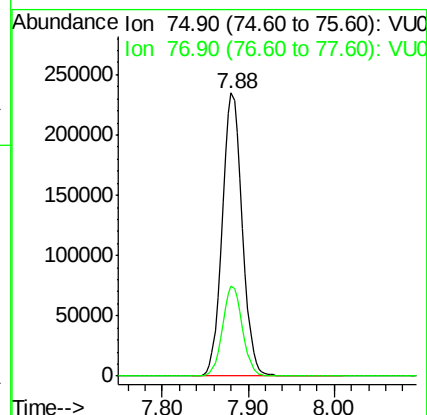
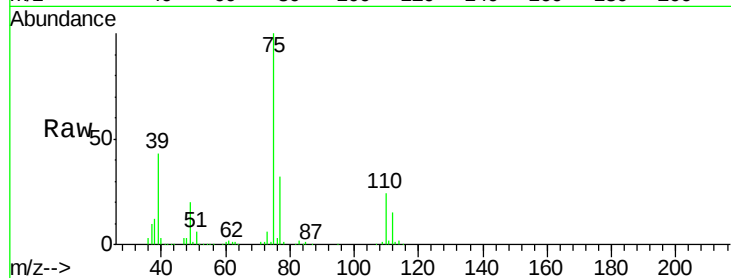




#53  
 t-1,3-Dichloropropene  
 Concen: 170.62 ug/l  
 RT: 7.88 min Scan# 2086  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

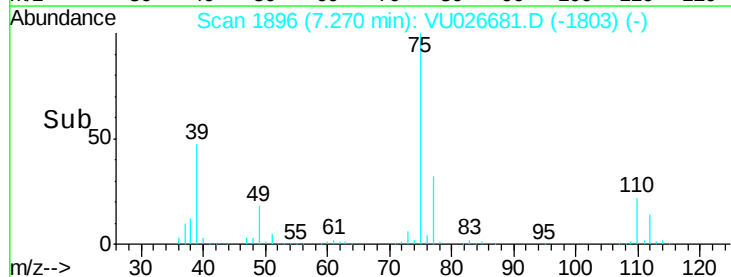
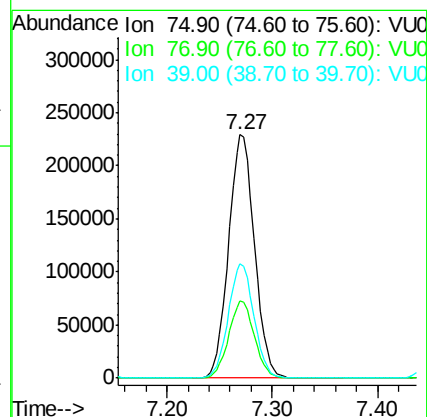
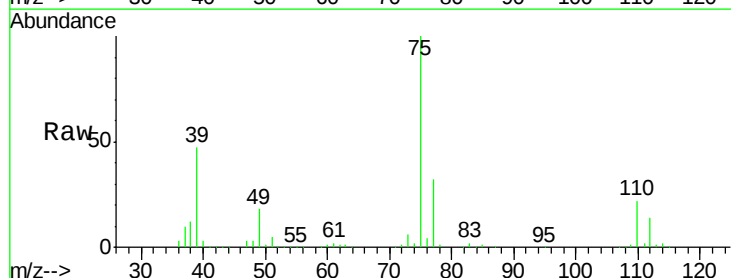
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

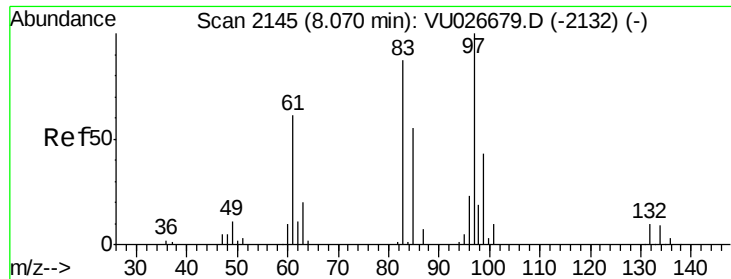
Tot Ion: 75 Resp: 379210  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.2 37.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 162.53 ug/l  
 RT: 7.27 min Scan# 1896  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

Tgt Ion: 75 Resp: 387883  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.5 38.3  
 39 47.2 37.0 55.6

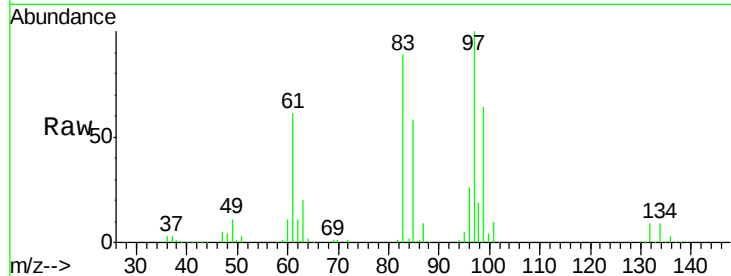




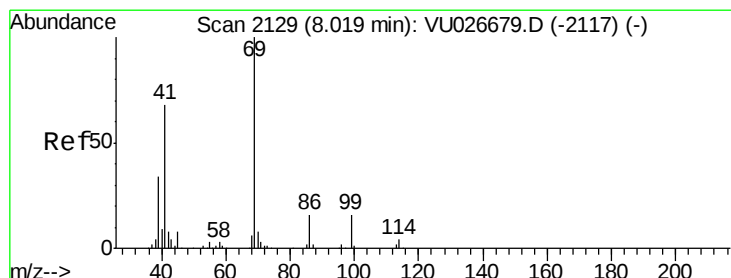
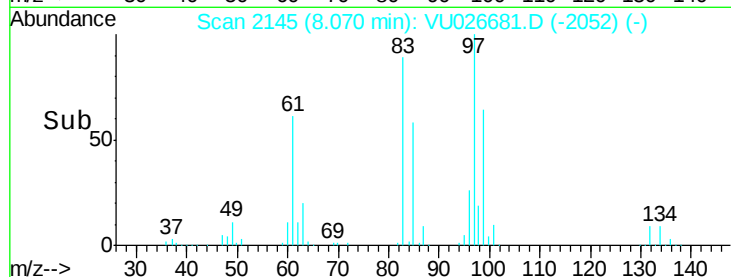
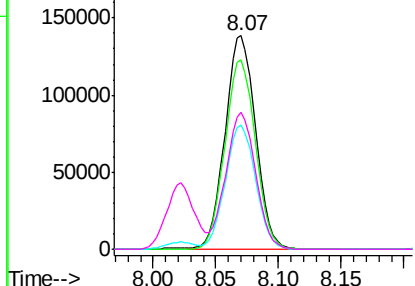
#55  
 1,1,2-Trichloroethane  
 Concen: 157.79 ug/l  
 RT: 8.07 min Scan# 2145  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 233577 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 88.7  | 69.3  | 103.9  |
| 85       | 58.1  | 45.9  | 68.9   |
| 99       | 64.0  | 50.1  | 75.1   |

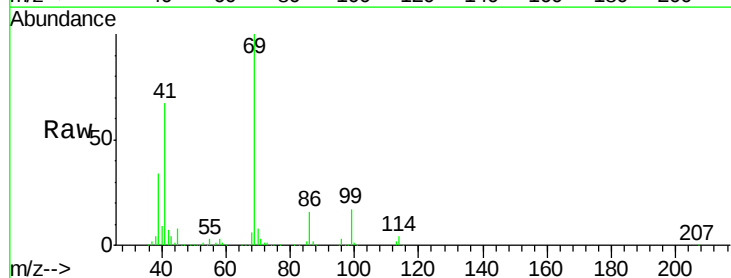


Abundance Ion 96.90 (96.60 to 97.60): VU0  
 Ion 82.90 (82.60 to 83.60): VU0  
 Ion 84.90 (84.60 to 85.60): VU0  
 Ion 98.90 (98.60 to 99.60): VU0

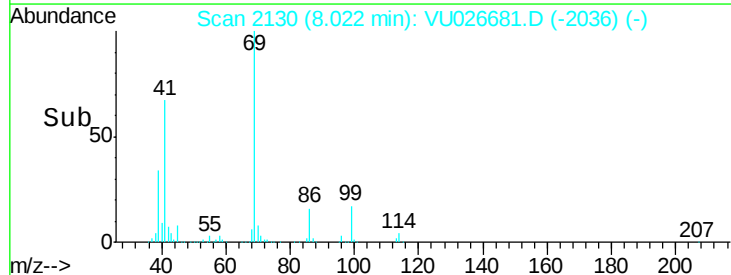
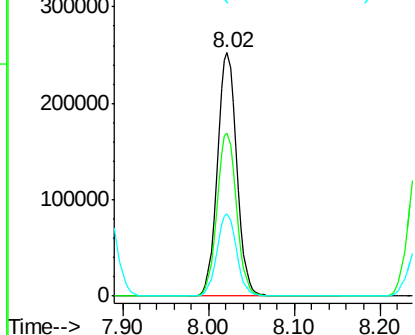


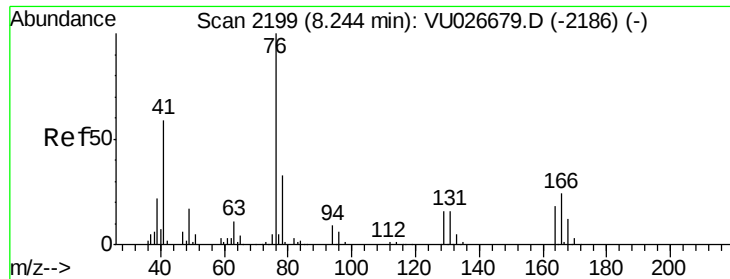
#56  
 Ethyl methacrylate  
 Concen: 183.10 ug/l  
 RT: 8.02 min Scan# 2130  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 395752 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 67.4  | 54.2  | 81.2   |
| 39       | 34.2  | 28.4  | 42.6   |



Abundance Ion 69.00 (68.70 to 69.70): VU0  
 Ion 41.00 (40.70 to 41.70): VU0  
 Ion 39.00 (38.70 to 39.70): VU0

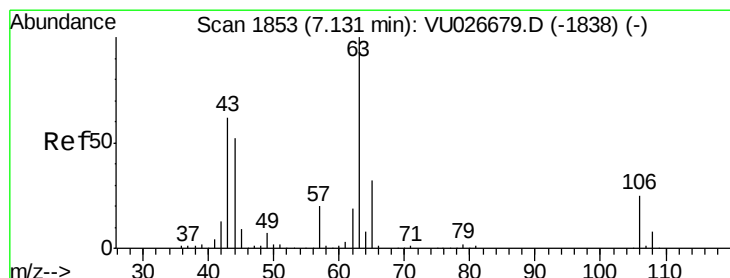
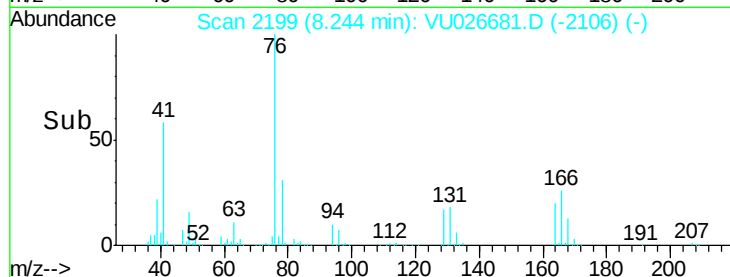
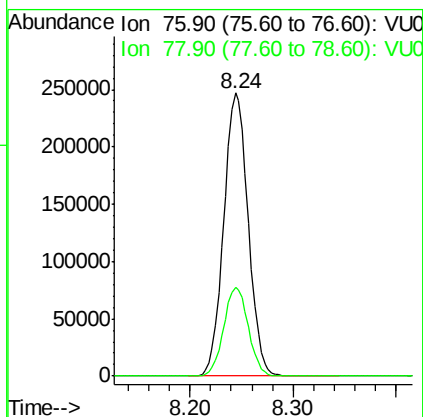
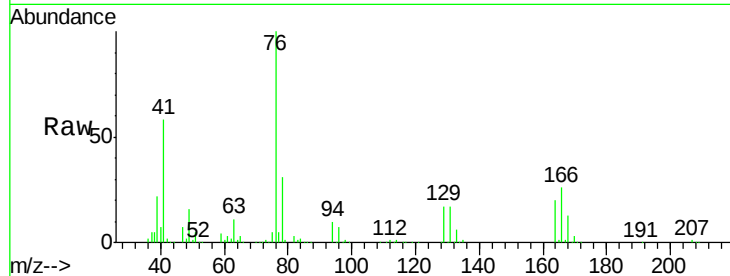




#57  
 1,3-Dichloropropane  
 Concen: 161.70 ug/l  
 RT: 8.24 min Scan# 2199  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

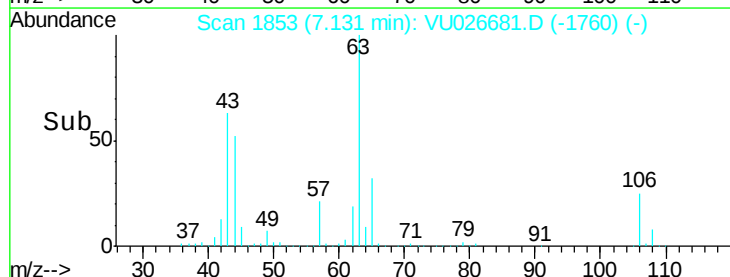
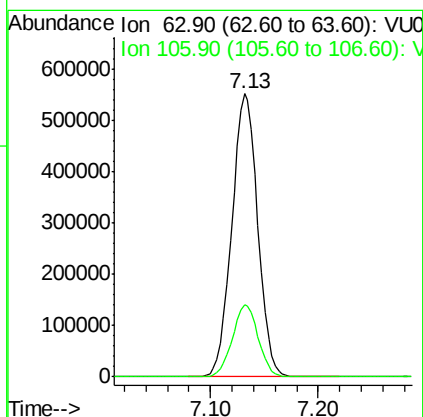
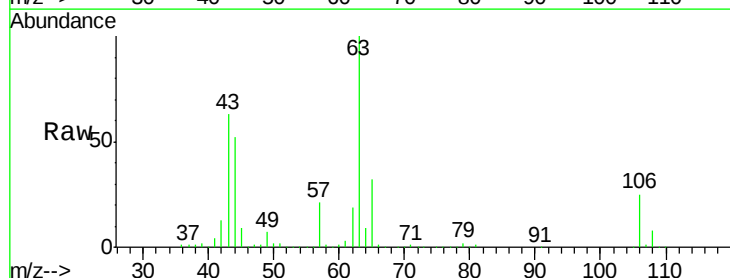
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

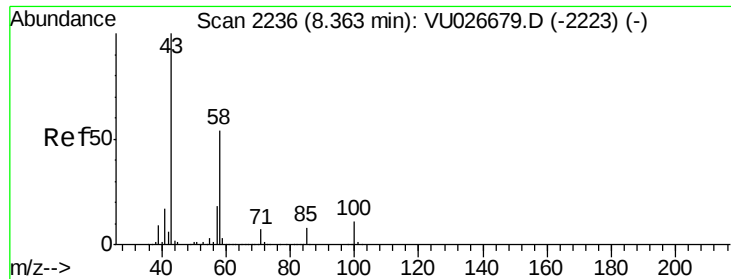
Tot Ion: 76 Resp: 407995  
 Ion Ratio Lower Upper  
 76 100  
 78 31.6 26.0 39.0



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 865.01 ug/l  
 RT: 7.13 min Scan# 1853  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

Tgt Ion: 63 Resp: 921700  
 Ion Ratio Lower Upper  
 63 100  
 106 25.5 20.5 30.7

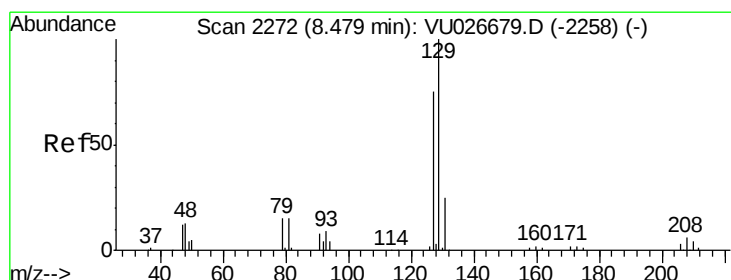
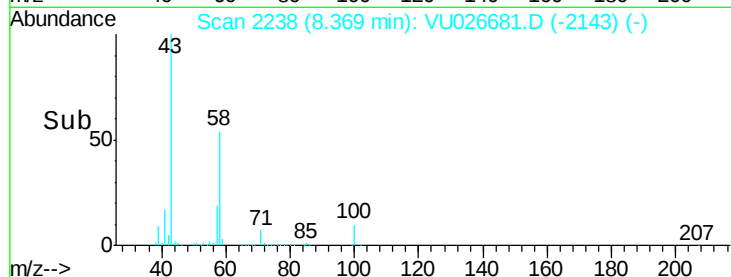
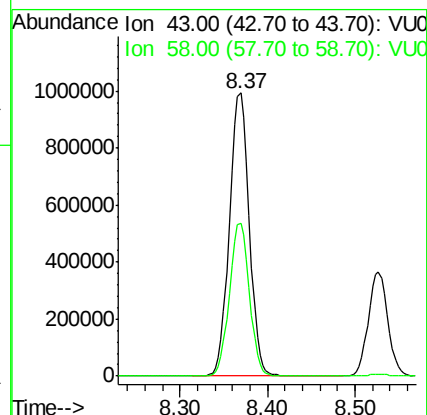
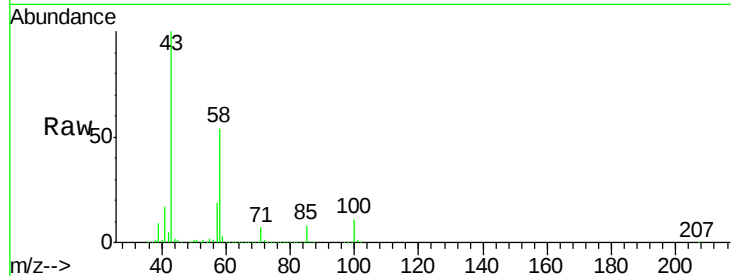




#59  
2-Hexanone  
Concen: 870.07 ug/l  
RT: 8.37 min Scan# 2238  
Delta R.T. 0.01 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

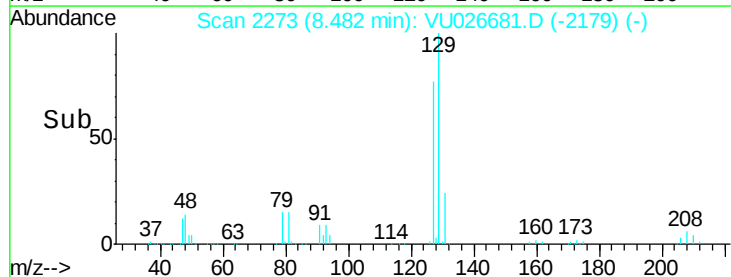
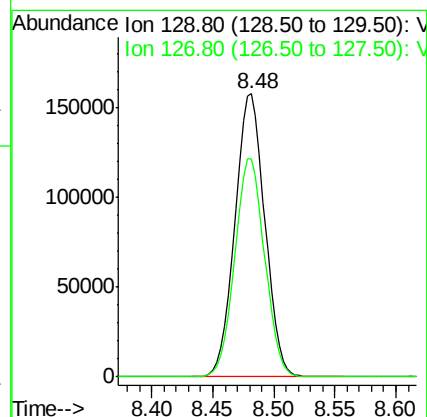
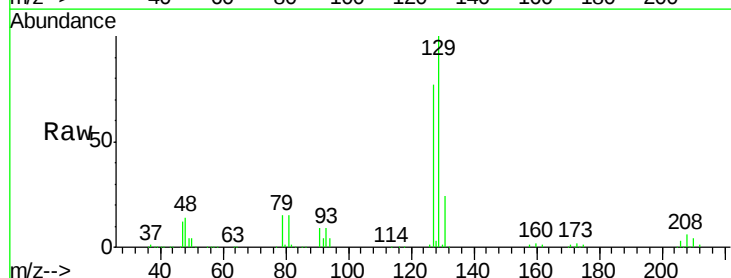
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

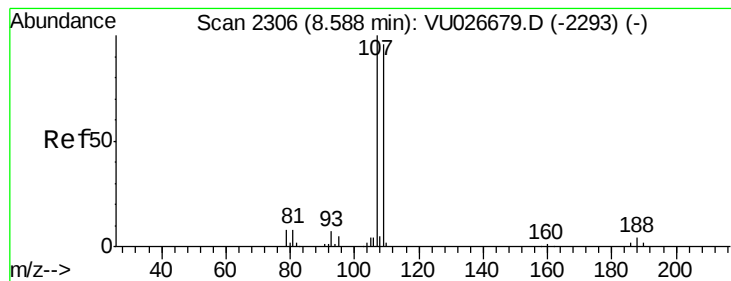
Tot Ion: 43 Resp: 1566380  
Ion Ratio Lower Upper  
43 100  
58 54.3 26.9 80.7



#60  
Dibromochloromethane  
Concen: 167.58 ug/l  
RT: 8.48 min Scan# 2273  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Tgt Ion: 129 Resp: 268666  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 159.24 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

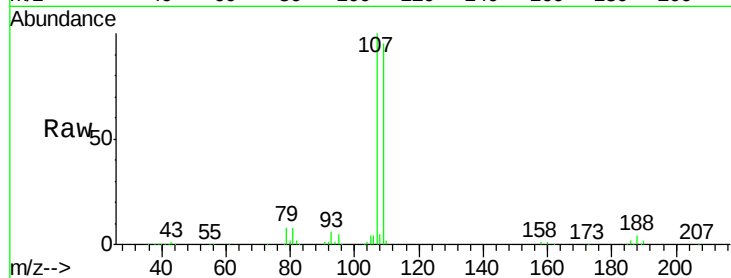
VSTDIC150

Tot Ion:107 Resp: 255769

Ion Ratio Lower Upper

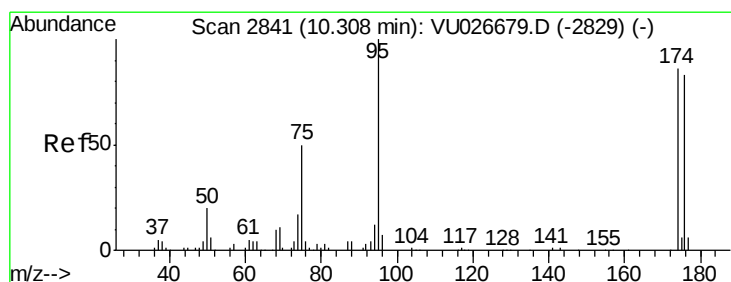
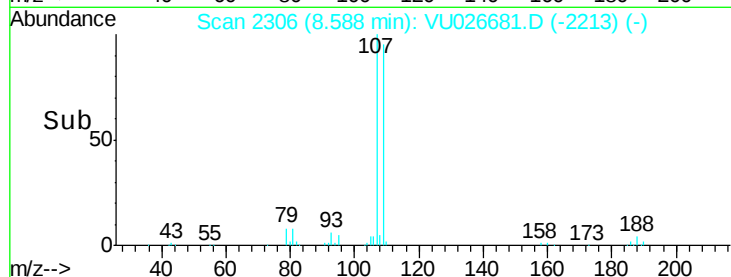
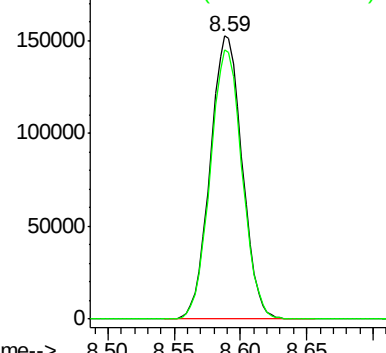
107 100

109 95.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 177.29 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

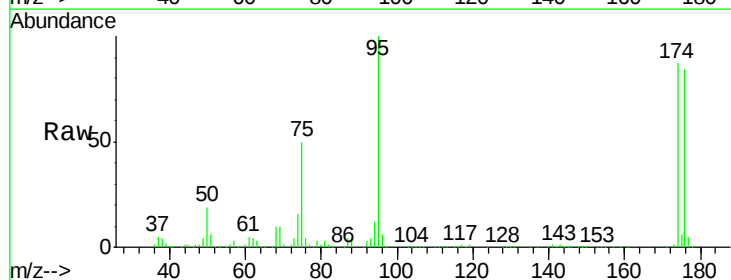
Tgt Ion: 95 Resp: 322476

Ion Ratio Lower Upper

95 100

174 86.9 0.0 172.8

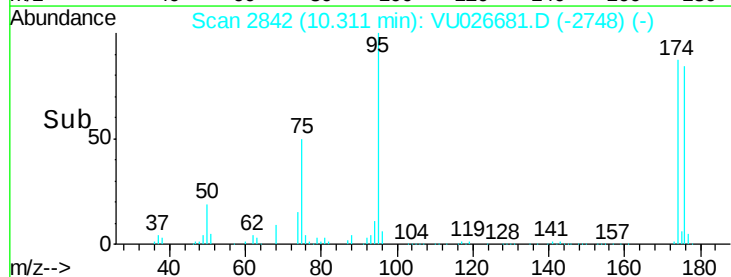
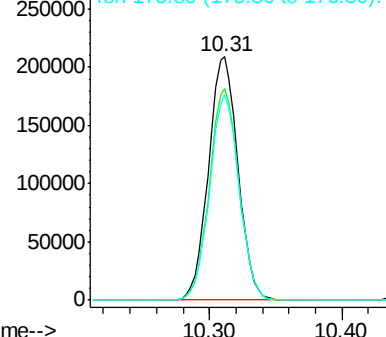
176 84.2 0.0 168.6

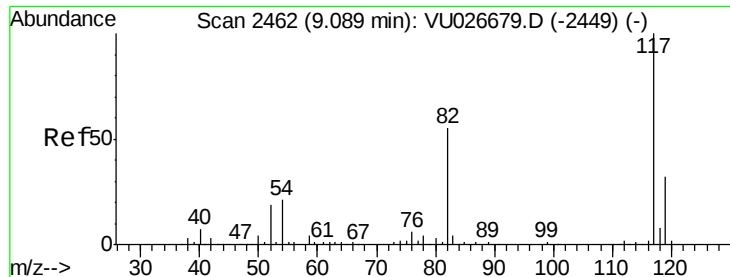


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

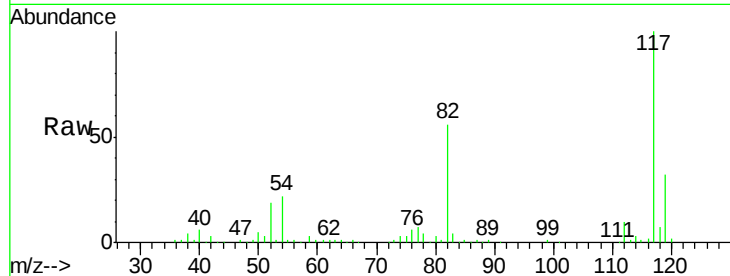




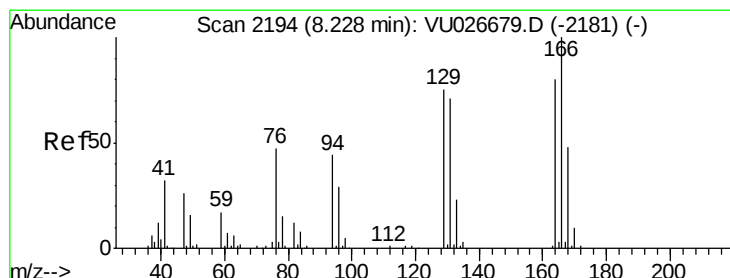
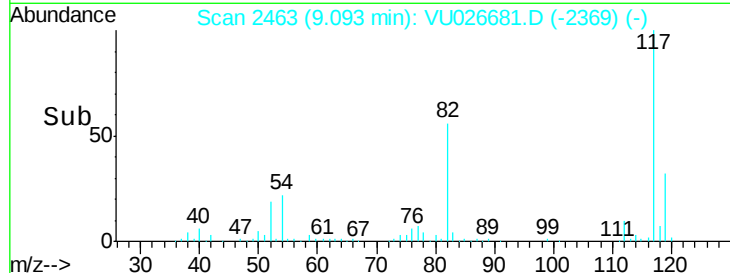
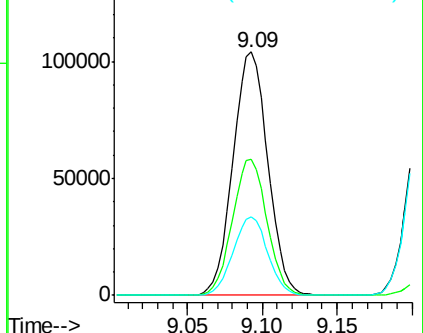
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.09 min Scan# 2463  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

Tot Ion:117 Resp: 168814  
Ion Ratio Lower Upper  
117 100  
82 56.0 44.1 66.1  
119 32.2 25.7 38.5

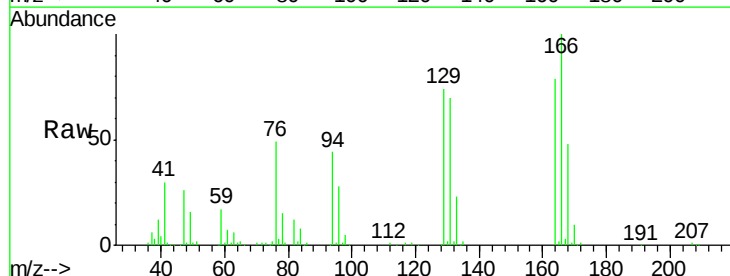


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 118.90 (118.60 to 119.60): V

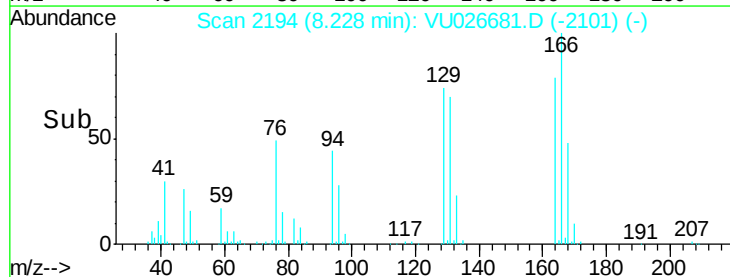
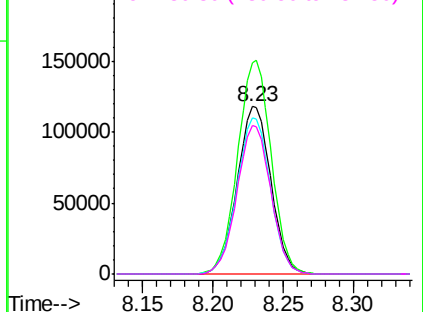


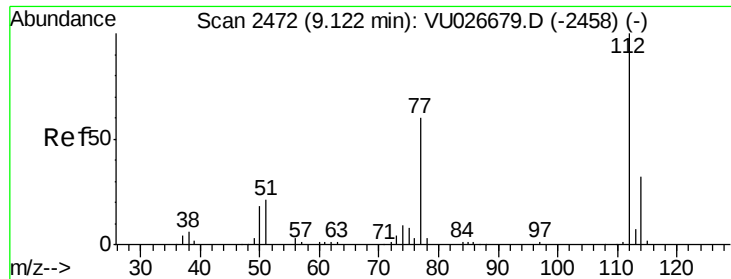
#64  
Tetrachloroethene  
Concen: 146.37 ug/l  
RT: 8.23 min Scan# 2194  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Tgt Ion:164 Resp: 196662  
Ion Ratio Lower Upper  
164 100  
166 126.5 100.5 150.7  
129 93.3 75.3 112.9  
131 88.4 71.4 107.2



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

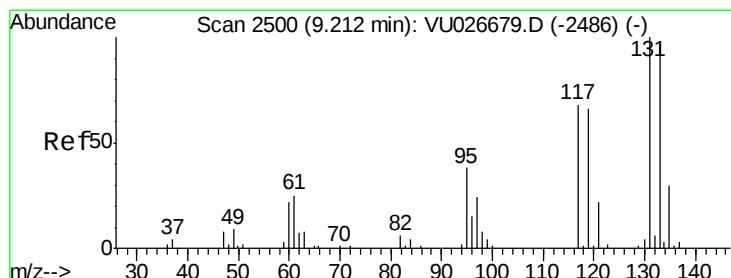
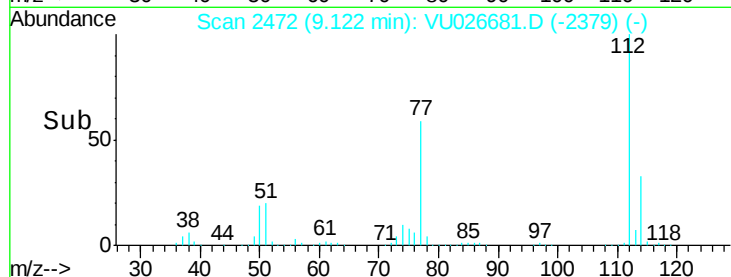
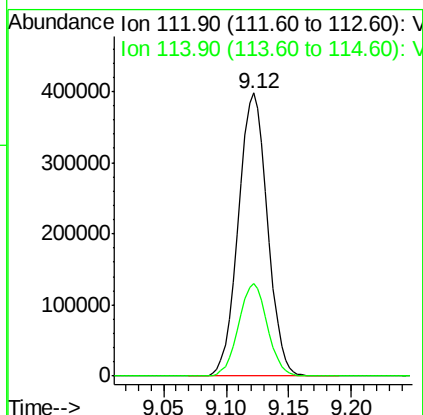
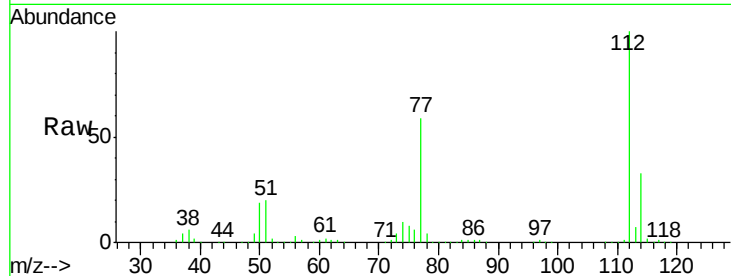




#65  
Chlorobenzene  
Concen: 153.02 ug/l  
RT: 9.12 min Scan# 2472  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

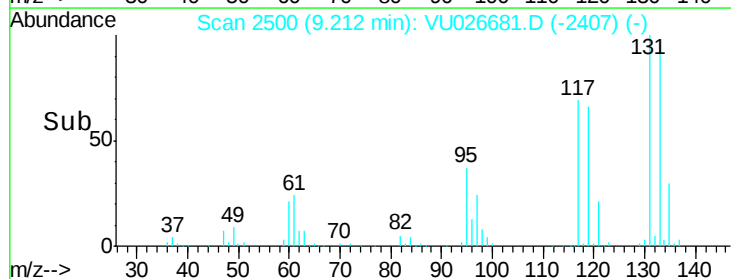
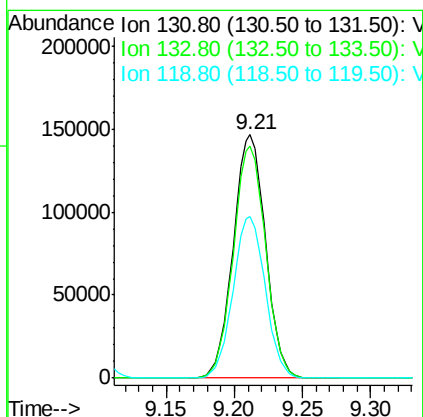
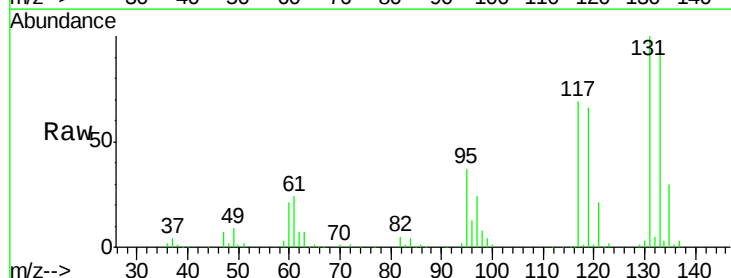
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

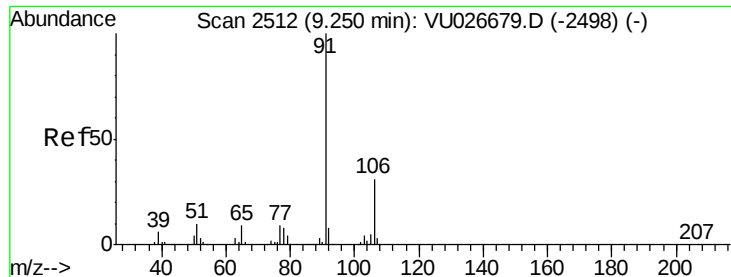
Tot Ion:112 Resp: 641778  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 156.07 ug/l  
RT: 9.21 min Scan# 2500  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Tgt Ion:131 Resp: 240834  
Ion Ratio Lower Upper  
131 100  
133 95.5 48.9 146.6  
119 66.1 32.7 98.1

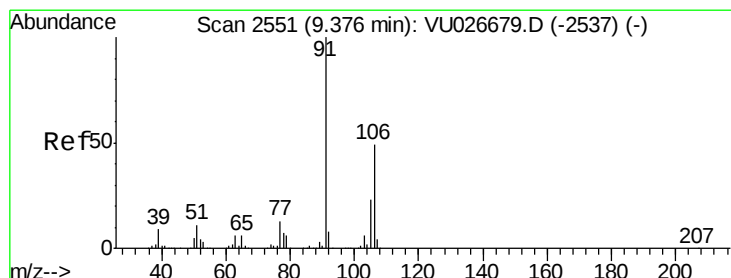
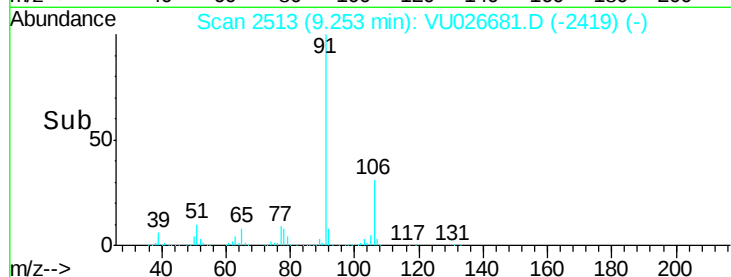
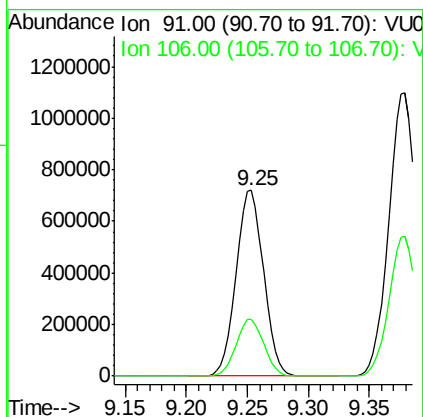
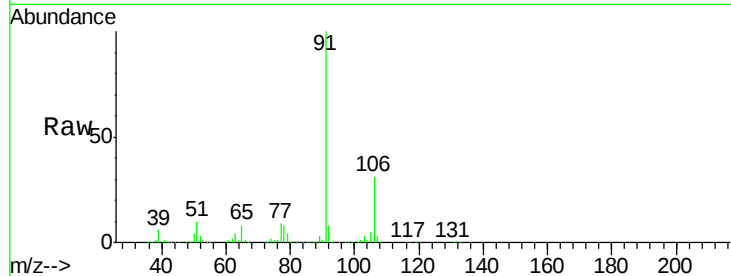




#67  
Ethyl Benzene  
Concen: 162.71 ug/l  
RT: 9.25 min Scan# 2513  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

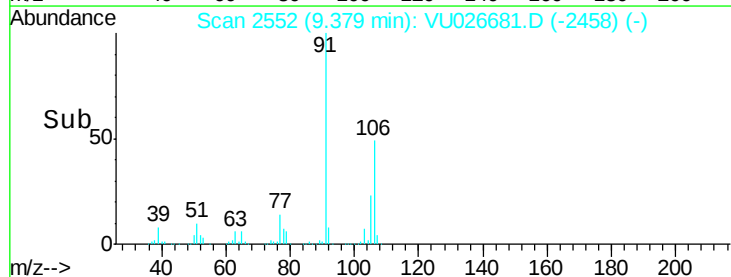
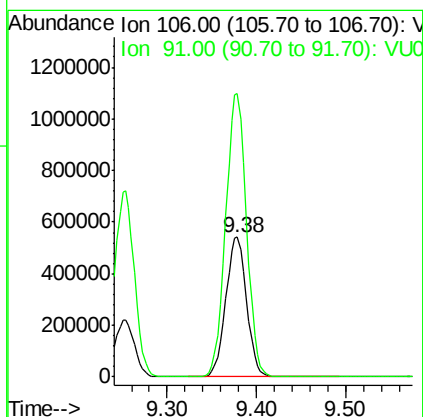
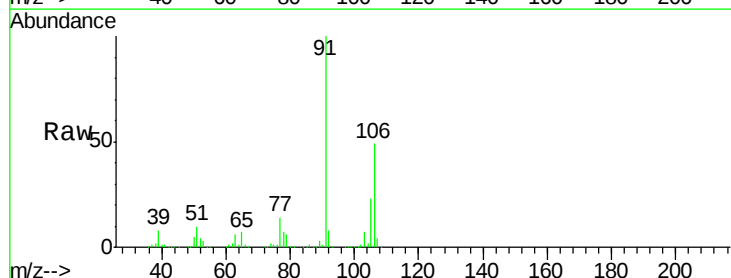
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

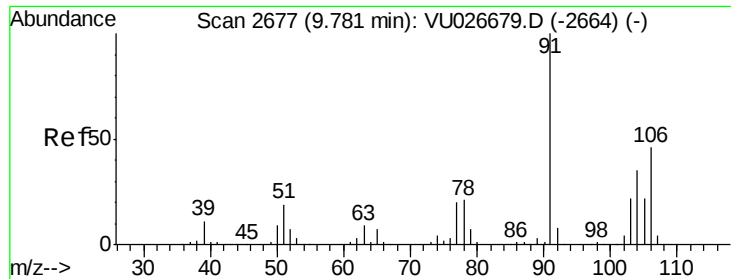
Tot Ion: 91 Resp: 1124142  
Ion Ratio Lower Upper  
91 100  
106 30.6 25.0 37.4



#68  
m/p-Xylenes  
Concen: 331.76 ug/l  
RT: 9.38 min Scan# 2552  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Tgt Ion: 106 Resp: 871913  
Ion Ratio Lower Upper  
106 100  
91 203.1 162.1 243.1

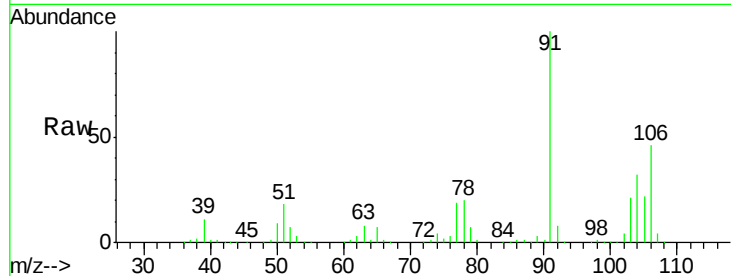




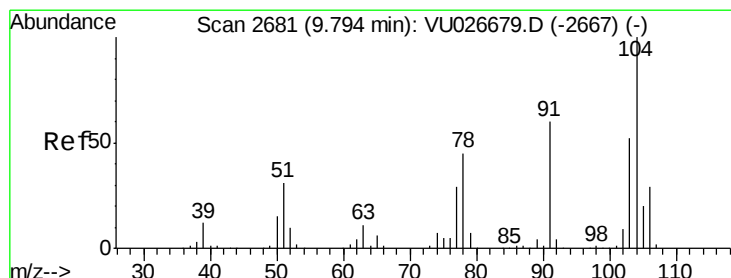
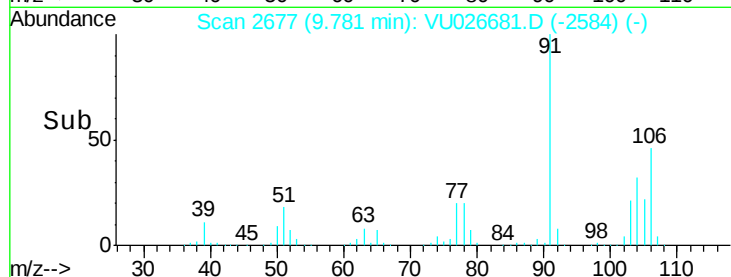
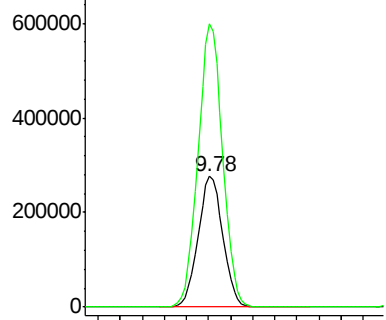
#69  
o-Xylene  
Concen: 168.43 ug/l  
RT: 9.78 min Scan# 2677  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

Tot Ion:106 Resp: 431231  
Ion Ratio Lower Upper  
106 100  
91 213.9 106.9 320.8

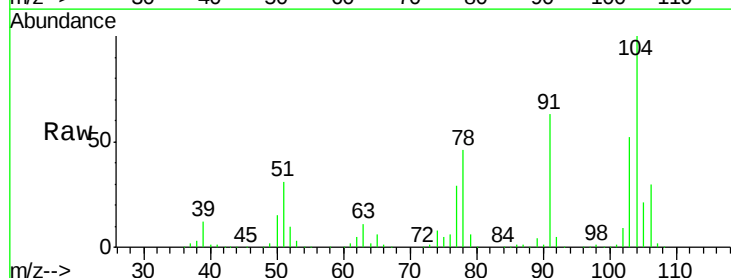


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

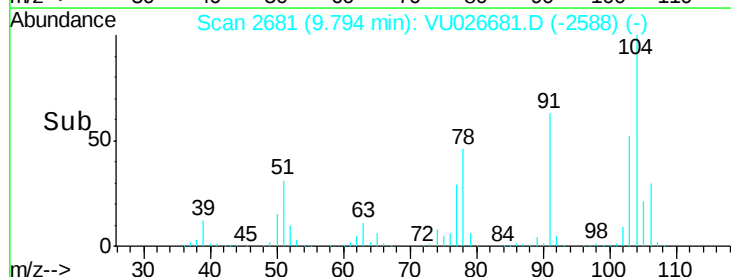
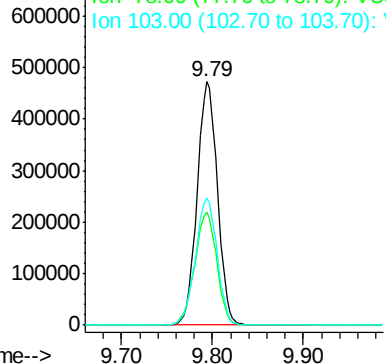


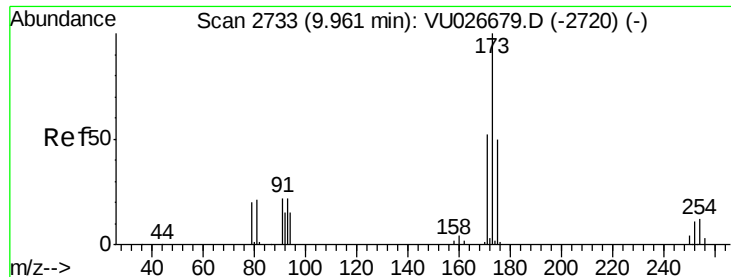
#70  
Styrene  
Concen: 175.27 ug/l  
RT: 9.79 min Scan# 2681  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Tgt Ion:104 Resp: 734560  
Ion Ratio Lower Upper  
104 100  
78 50.1 39.4 59.2  
103 55.5 44.5 66.7



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VU0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 174.60 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

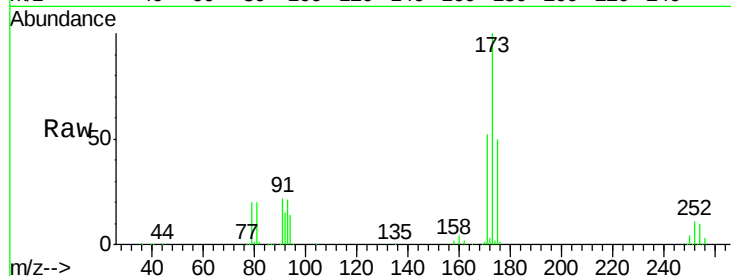
Tot Ion:173 Resp: 234329

Ion Ratio Lower Upper

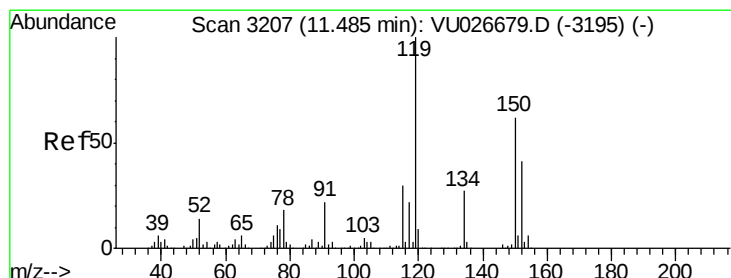
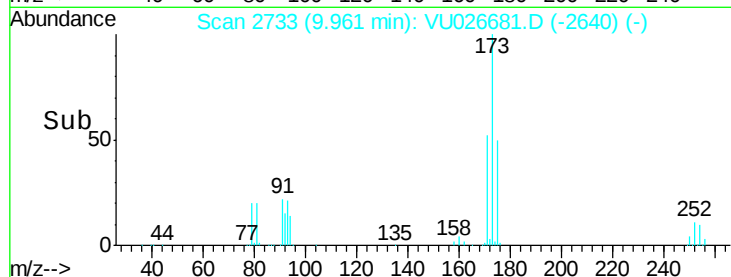
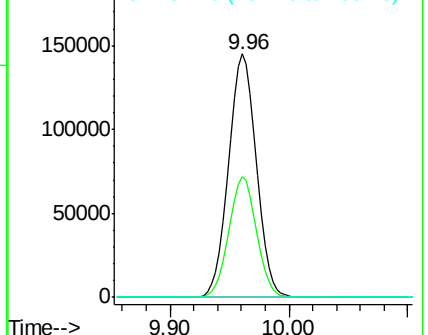
173 100

175 49.2 24.7 74.1

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

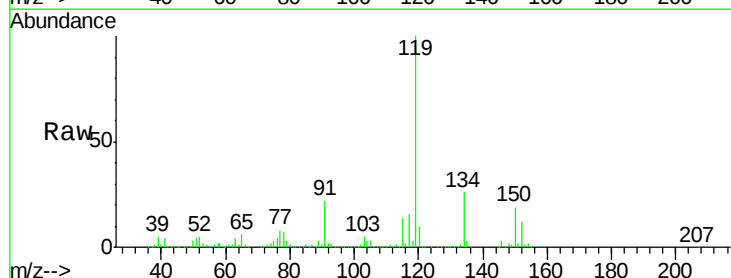
Tgt Ion:152 Resp: 110413

Ion Ratio Lower Upper

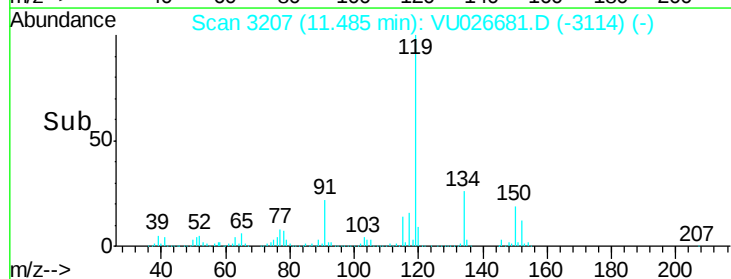
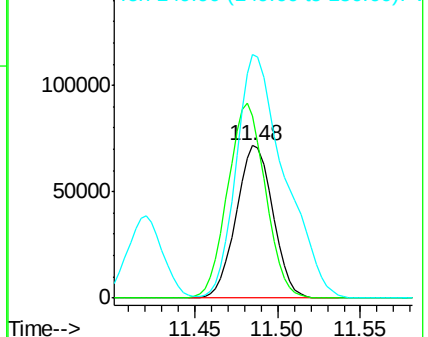
152 100

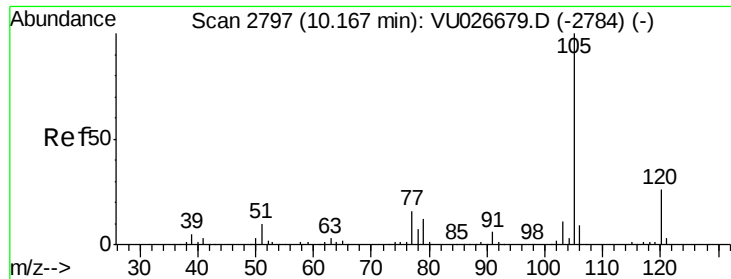
115 131.3 40.4 121.1#

150 211.0 0.0 345.2



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 153.85 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

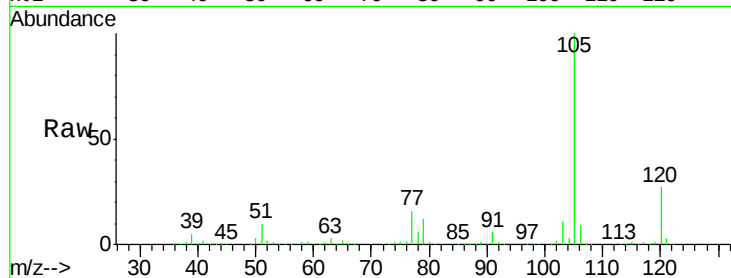
VSTDIC150

Tot Ion:105 Resp: 1157548

Ion Ratio Lower Upper

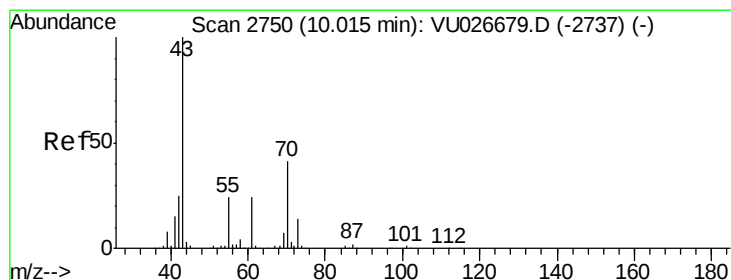
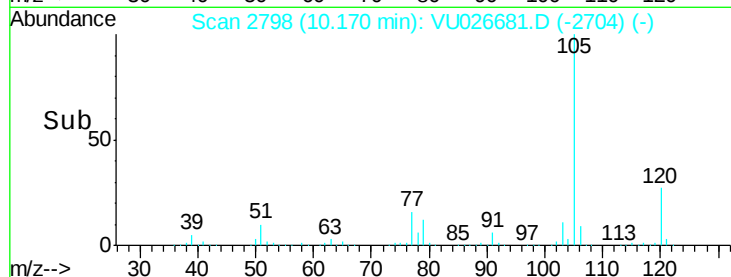
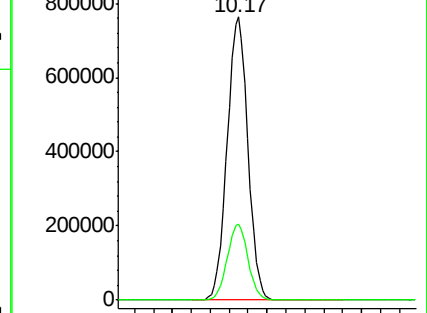
105 100

120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 167.47 ug/l

RT: 10.02 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Tgt Ion: 43 Resp: 594892

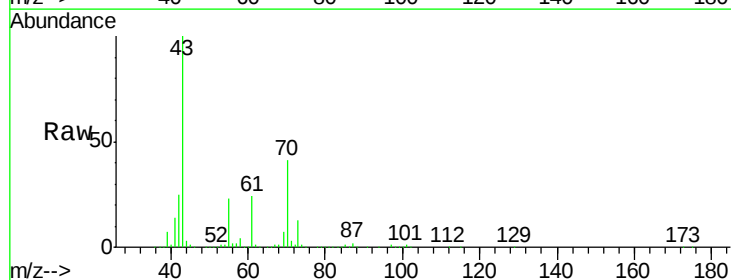
Ion Ratio Lower Upper

43 100

70 40.9 32.6 48.8

55 23.3 19.1 28.7

61 24.4 19.4 29.0

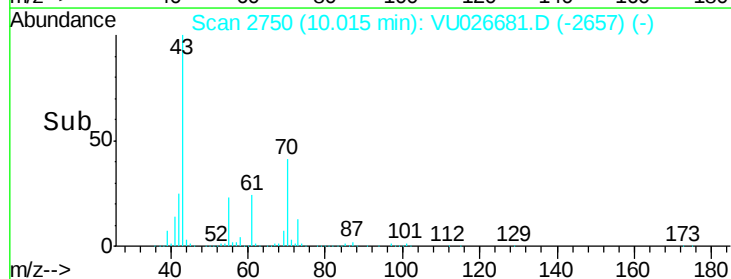
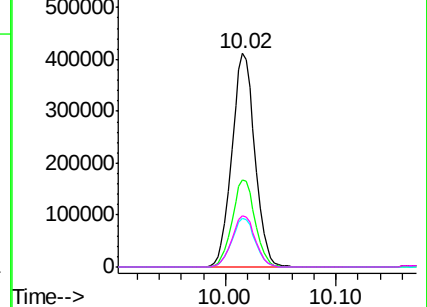


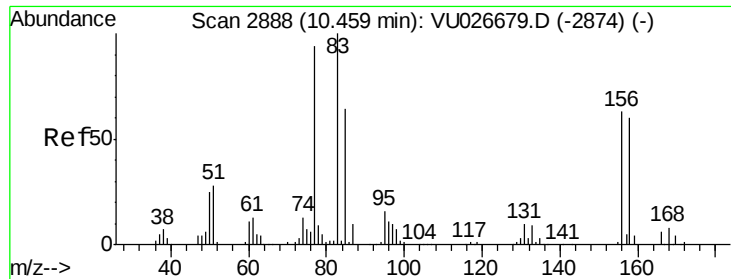
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#75

1,1,2,2-Tetrachloroethane

Concen: 143.57 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

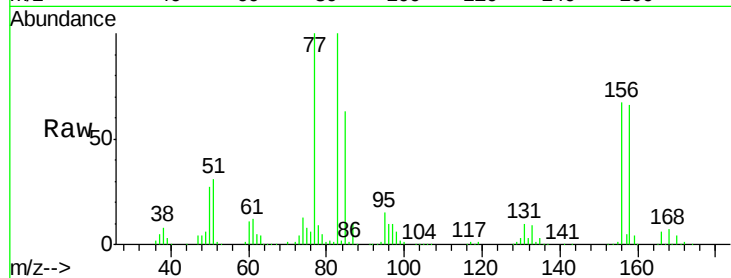
Tot Ion: 83 Resp: 440252

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

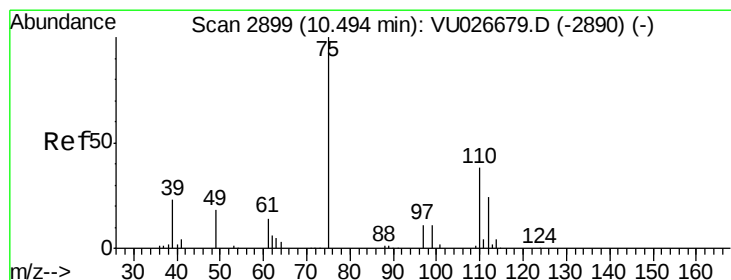
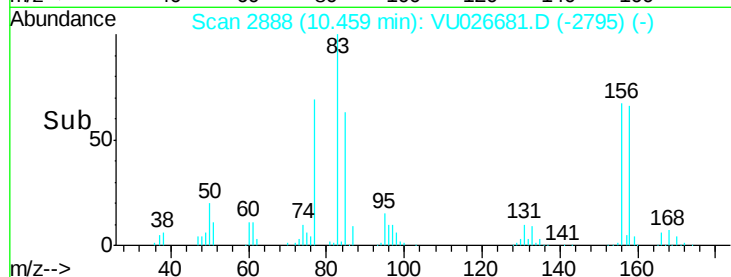
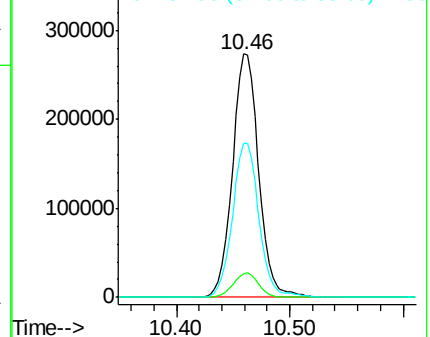
85 64.0 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 184.83 ug/l

RT: 10.50 min Scan# 2900

Delta R.T. 0.00 min

Lab File: VU026681.D

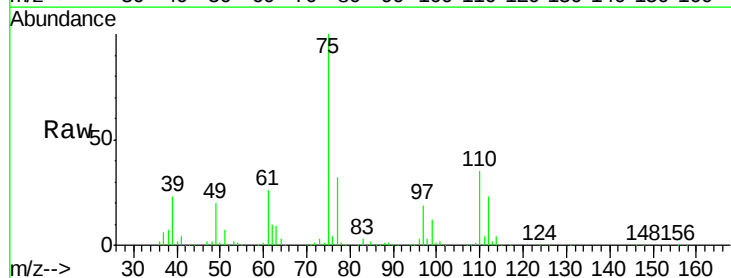
Acq: 11 Sep 2018 12:30

Tgt Ion: 75 Resp: 519103

Ion Ratio Lower Upper

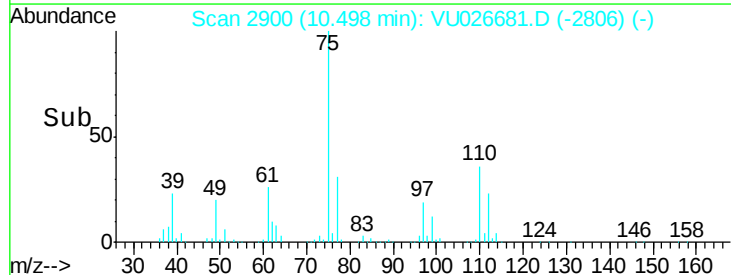
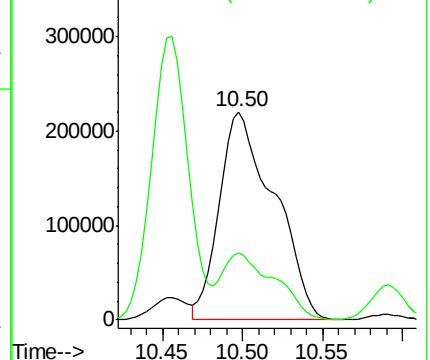
75 100

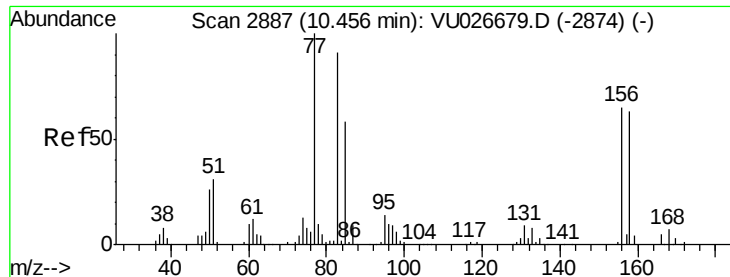
77 30.8 21.1 63.1



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 149.88 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

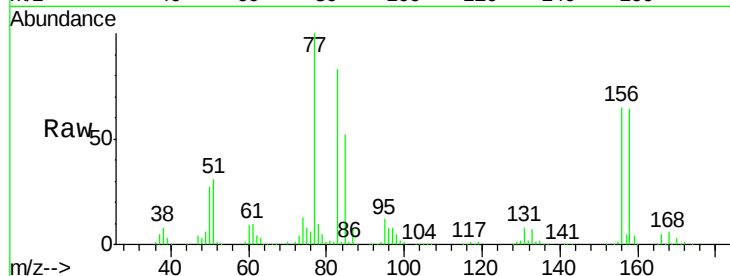
Tot Ion:156 Resp: 306487

Ion Ratio Lower Upper

156 100

77 158.6 77.6 232.9

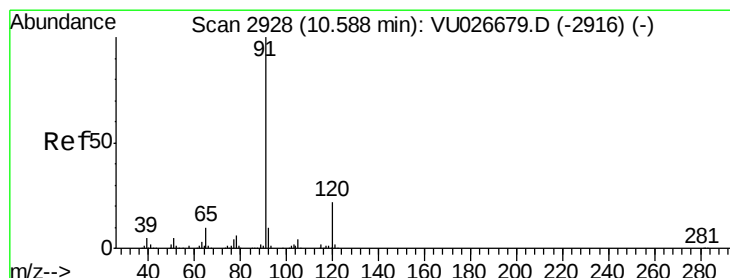
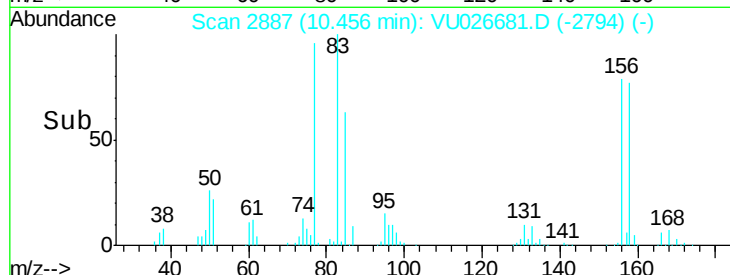
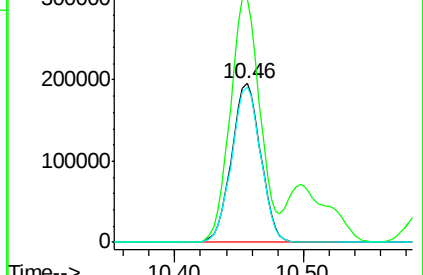
158 97.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 161.31 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VU026681.D

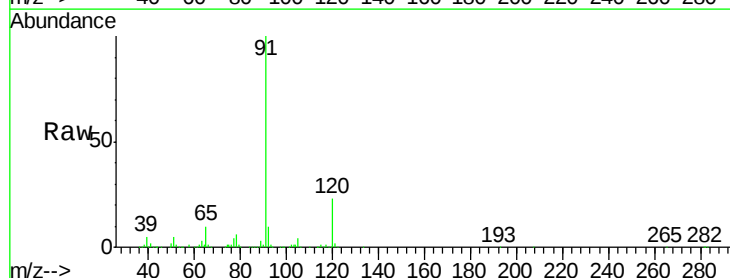
Acq: 11 Sep 2018 12:30

Tgt Ion: 91 Resp: 1411590

Ion Ratio Lower Upper

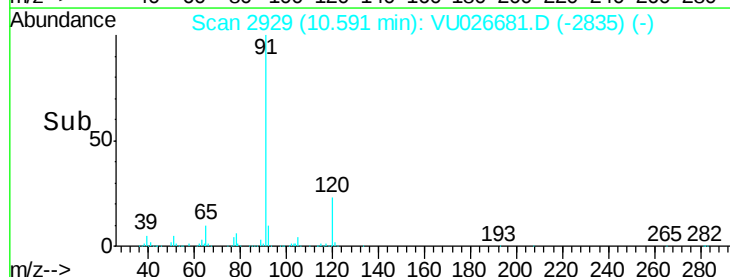
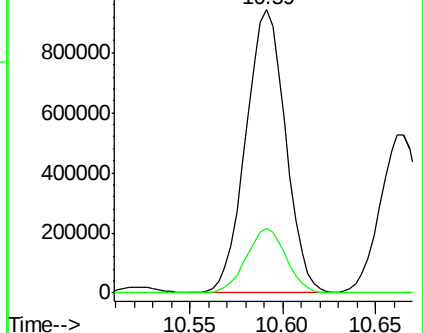
91 100

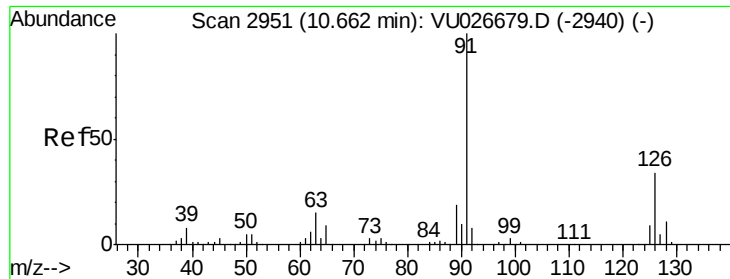
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

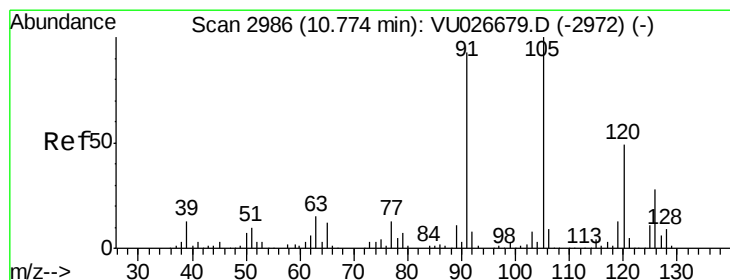
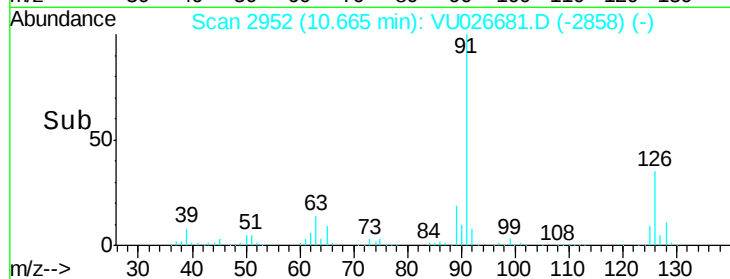
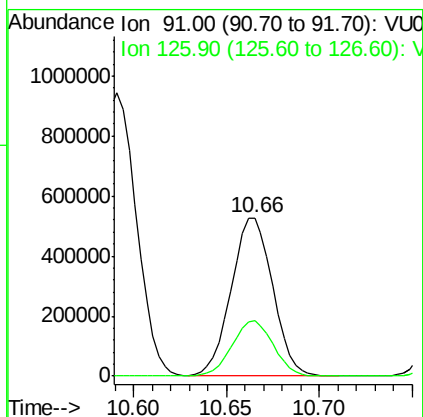
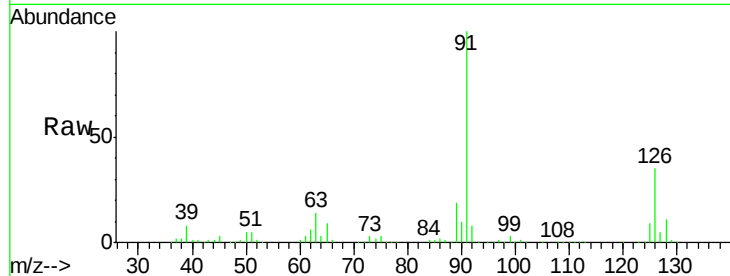




#79  
 2-Chlorotoluene  
 Concen: 150.84 ug/l  
 RT: 10.66 min Scan# 2952  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

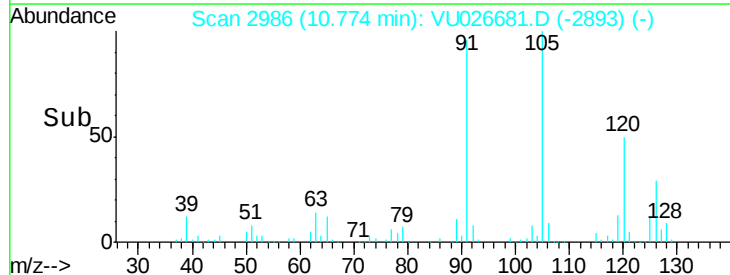
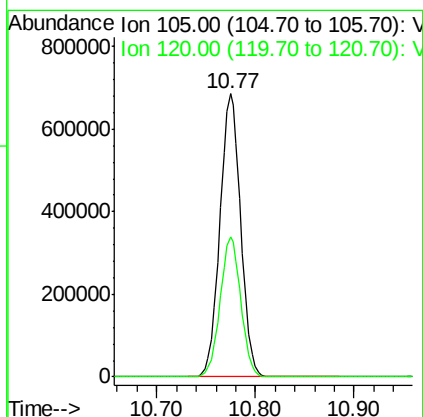
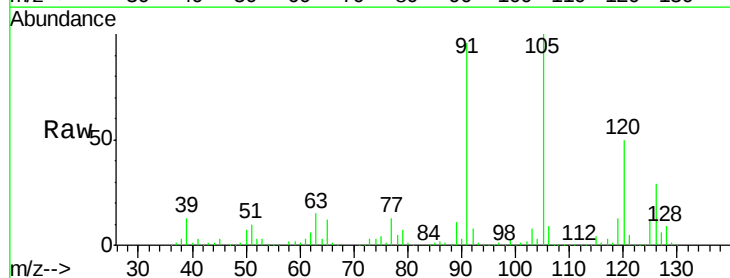
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

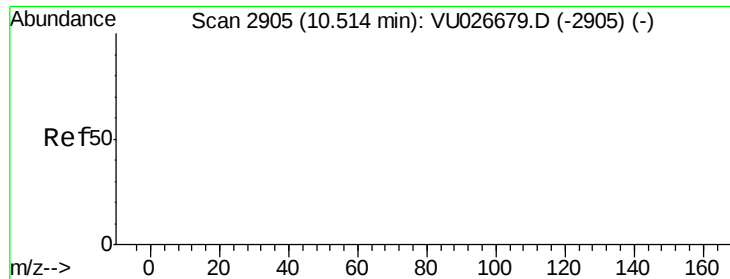
Tot Ion: 91 Resp: 818280  
 Ion Ratio Lower Upper  
 91 100  
 126 34.9 17.3 51.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 159.87 ug/l  
 RT: 10.77 min Scan# 2986  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

Tgt Ion:105 Resp: 1011070  
 Ion Ratio Lower Upper  
 105 100  
 120 49.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 413.18 ug/l

RT: 10.50 min Scan# 2900

Delta R.T. -0.02 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

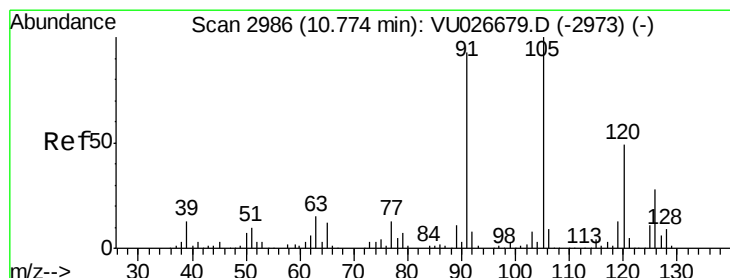
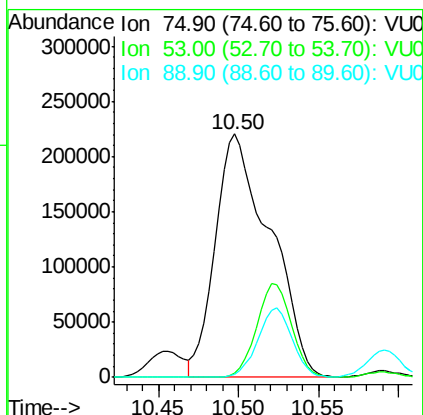
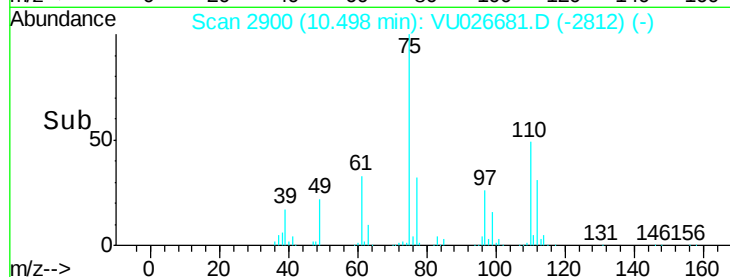
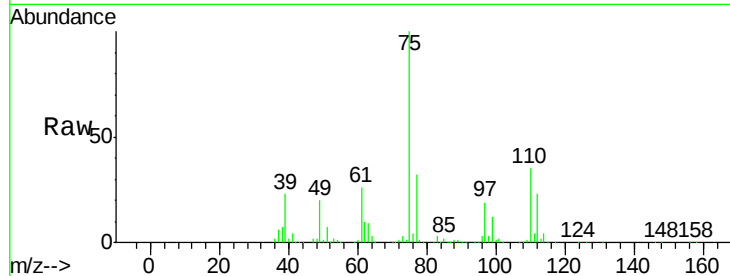
Tot Ion: 75 Resp: 519103

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0



#82

4-Chlorotoluene

Concen: 160.36 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU026681.D

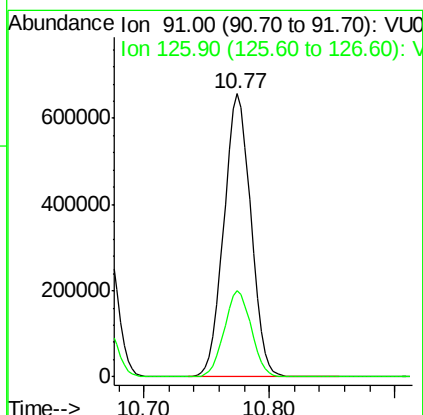
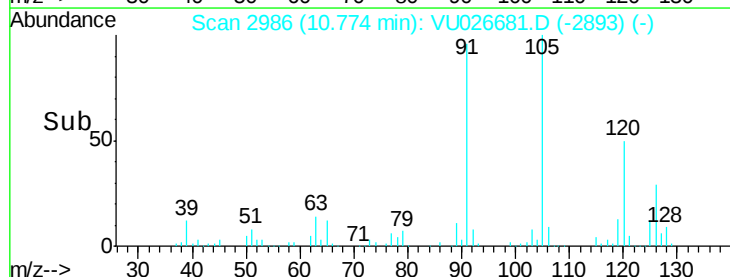
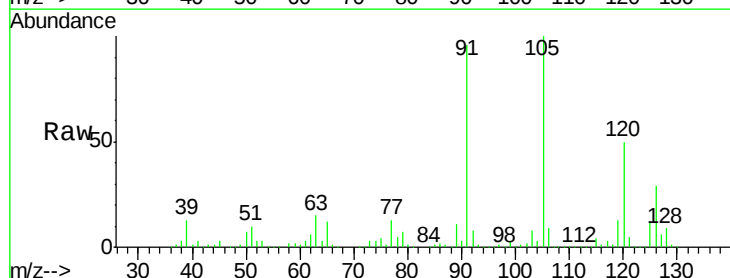
Acq: 11 Sep 2018 12:30

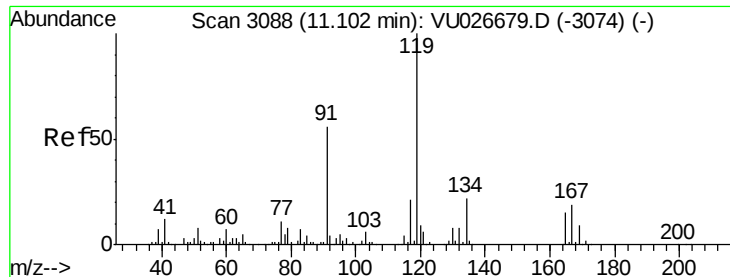
Tgt Ion: 91 Resp: 977390

Ion Ratio Lower Upper

91 100

126 30.6 15.2 45.5

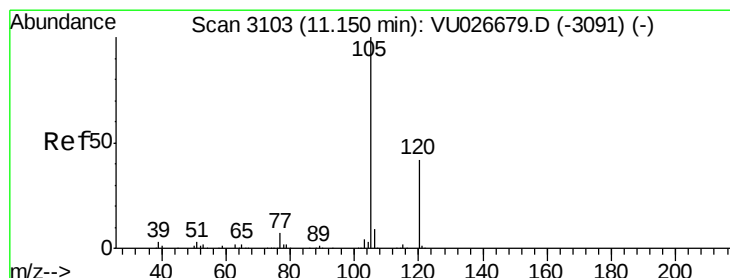
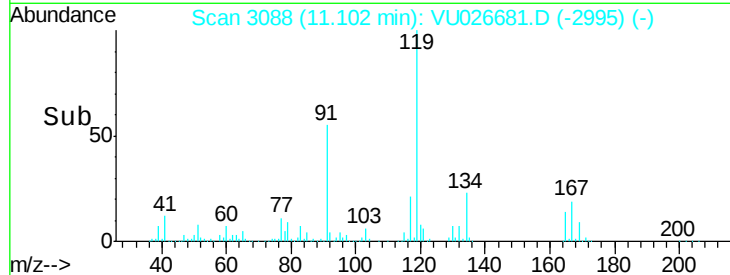
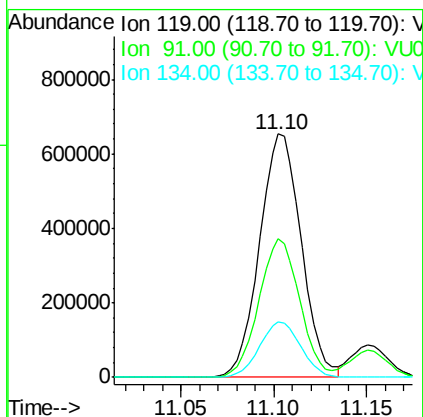
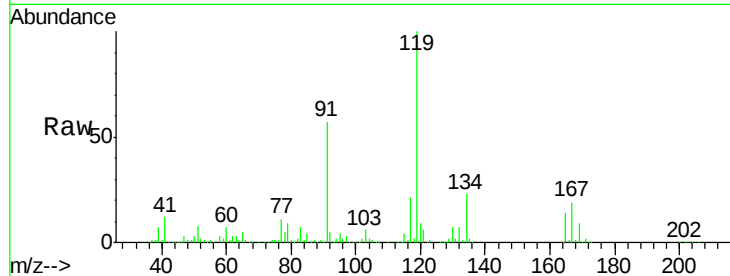




#83  
 tert-Butylbenzene  
 Concen: 160.14 ug/l  
 RT: 11.10 min Scan# 3088  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

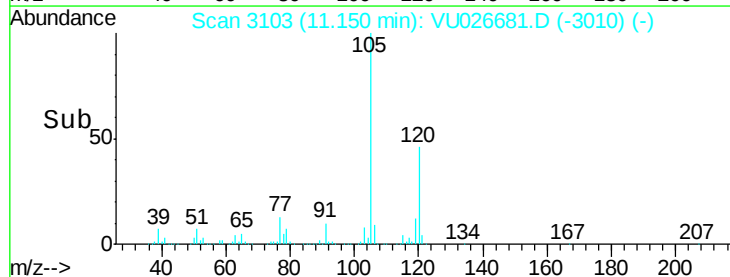
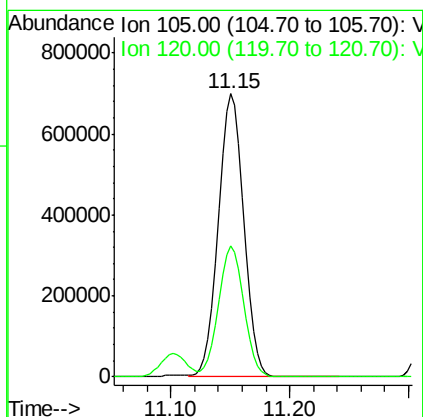
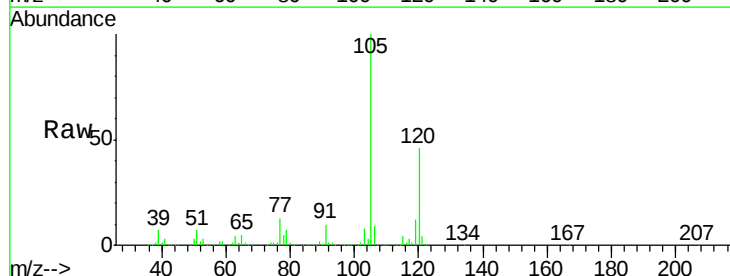
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

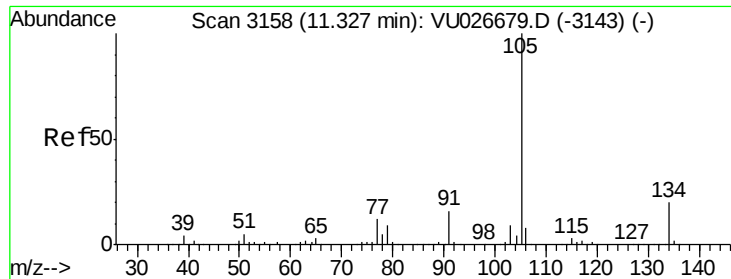
Tot Ion:119 Resp: 1027790  
 Ion Ratio Lower Upper  
 119 100  
 91 55.7 28.3 85.0  
 134 22.5 11.2 33.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 161.99 ug/l  
 RT: 11.15 min Scan# 3103  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

Tgt Ion:105 Resp: 1033313  
 Ion Ratio Lower Upper  
 105 100  
 120 46.1 23.3 69.8





#85

sec-Butylbenzene

Concen: 163.14 ug/l

RT: 11.33 min Scan# 3158

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

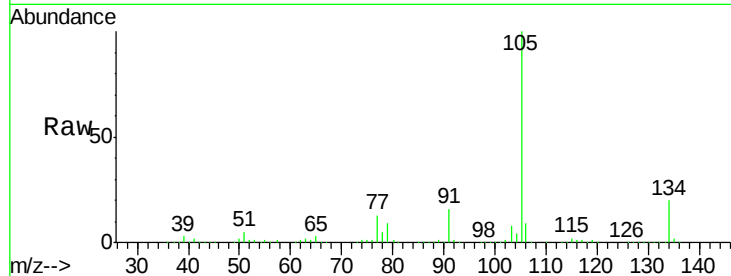
VSTDIC150

Tot Ion:105 Resp: 1243404

Ion Ratio Lower Upper

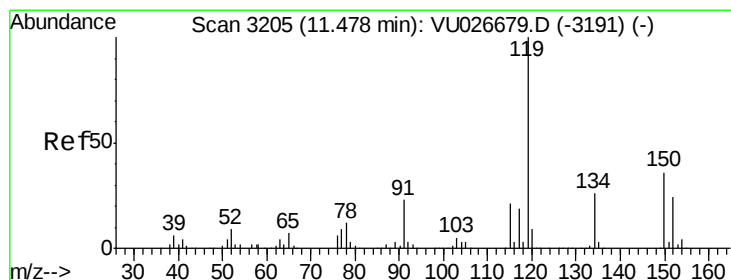
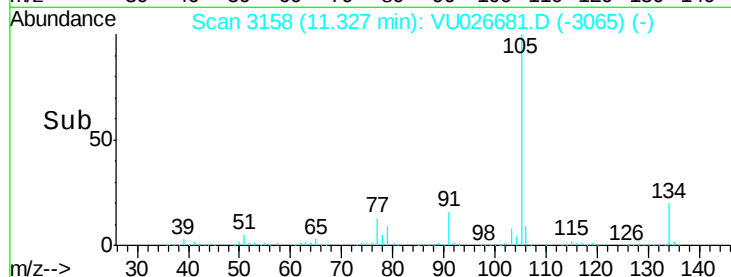
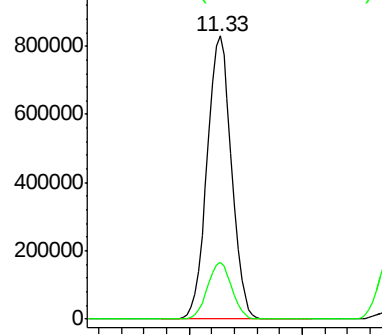
105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 167.99 ug/l

RT: 11.48 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

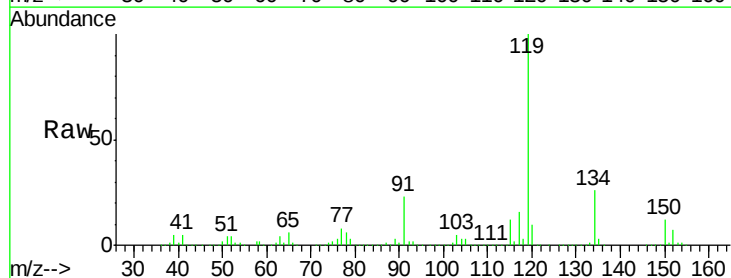
Tgt Ion:119 Resp: 1116428

Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

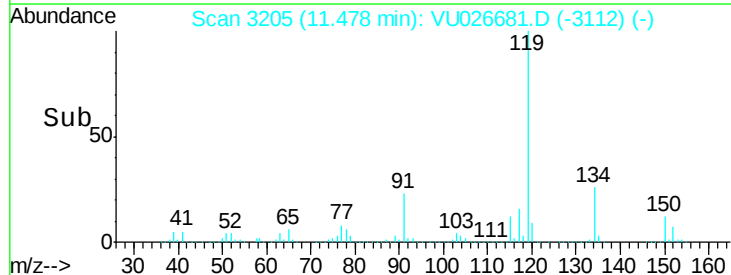
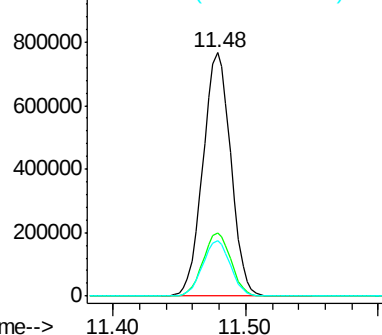
91 22.8 11.6 34.8

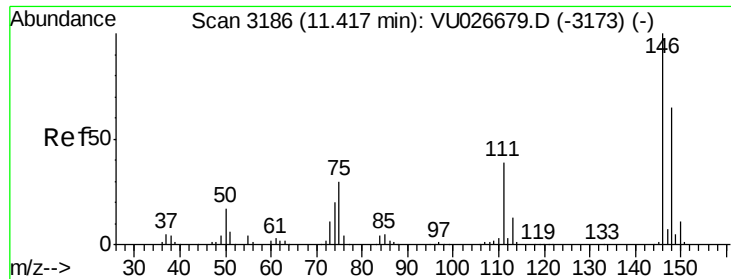


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

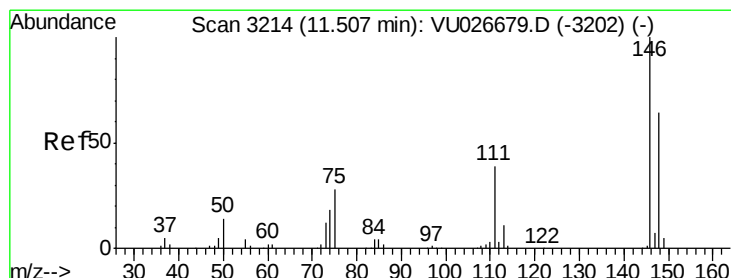
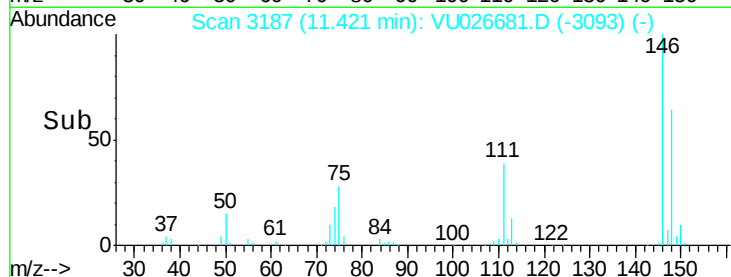
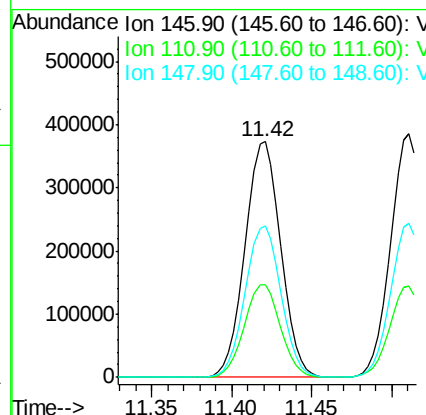
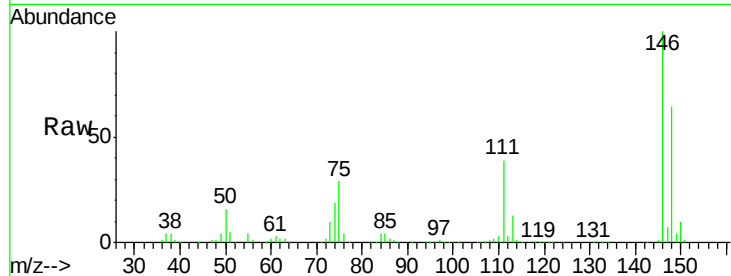




#87  
 1,3-Dichlorobenzene  
 Concen: 148.69 ug/l  
 RT: 11.42 min Scan# 3187  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

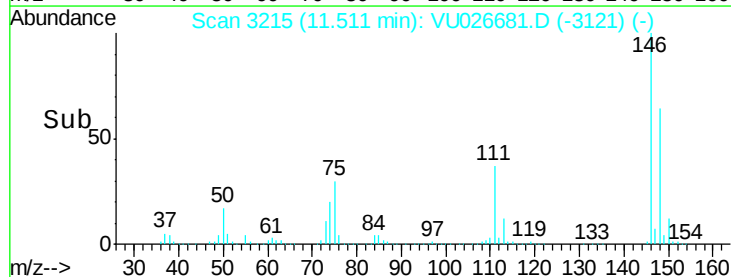
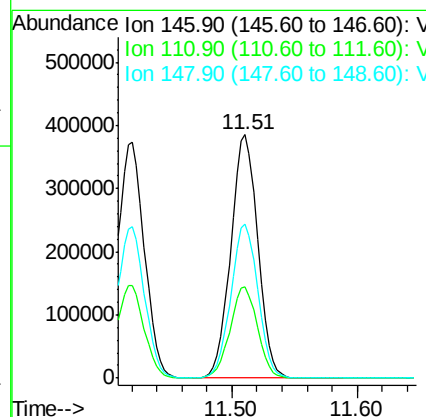
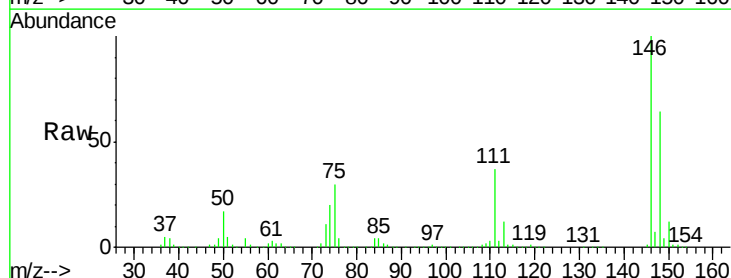
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

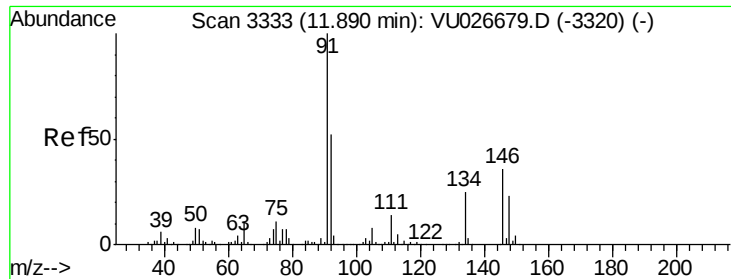
Tot Ion:146 Resp: 567234  
 Ion Ratio Lower Upper  
 146 100  
 111 39.5 19.7 59.1  
 148 64.4 32.1 96.3



#88  
 1,4-Dichlorobenzene  
 Concen: 144.74 ug/l  
 RT: 11.51 min Scan# 3215  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

Tgt Ion:146 Resp: 573445  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 19.2 57.6  
 148 63.7 32.1 96.3

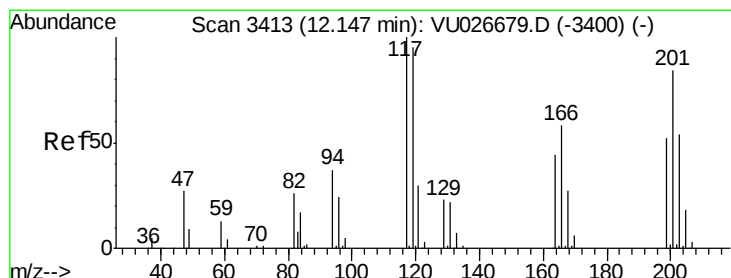
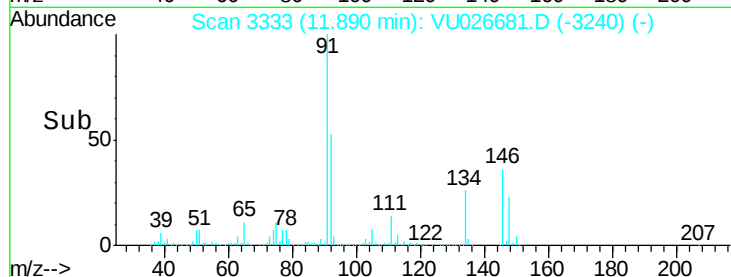
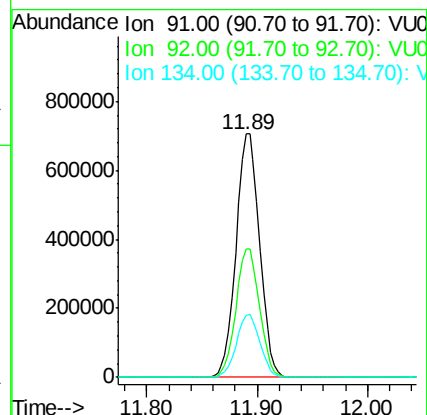
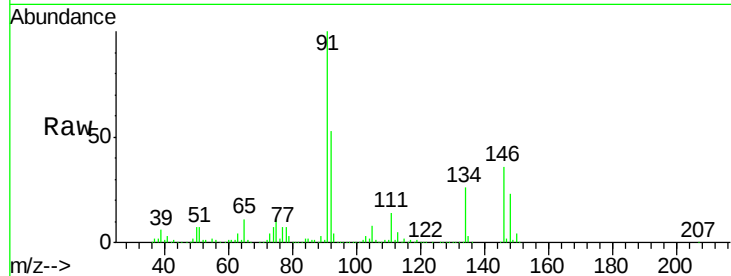




#89  
n-Butylbenzene  
Concen: 179.26 ug/l  
RT: 11.89 min Scan# 3333  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

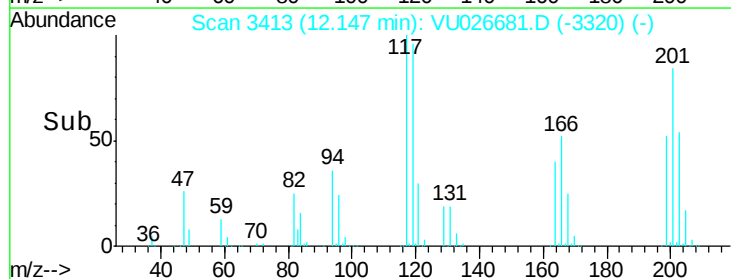
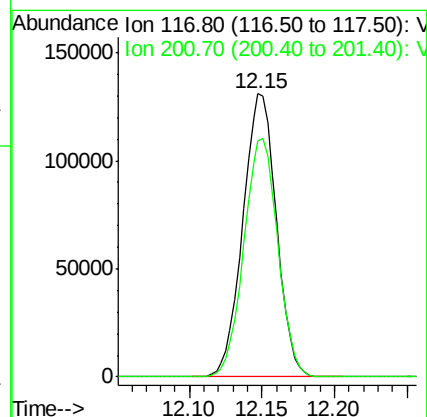
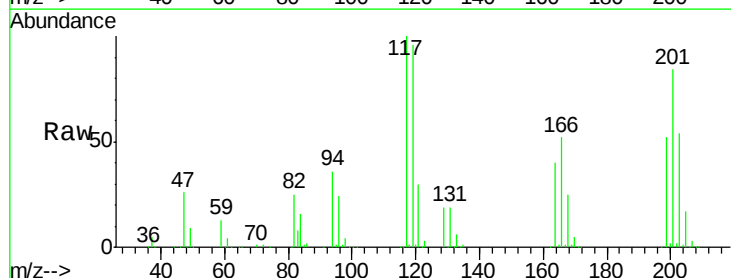
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

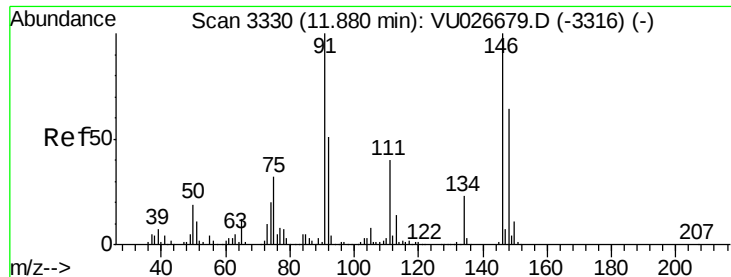
Tot Ion: 91 Resp: 1043798  
Ion Ratio Lower Upper  
91 100  
92 52.6 25.8 77.3  
134 25.8 12.6 37.8



#90  
Hexachloroethane  
Concen: 156.64 ug/l  
RT: 12.15 min Scan# 3413  
Delta R.T. 0.00 min  
Lab File: VU026681.D  
Acq: 11 Sep 2018 12:30

Tgt Ion: 117 Resp: 210672  
Ion Ratio Lower Upper  
117 100  
201 85.3 42.4 127.1





#91

1,2-Dichlorobenzene

Concen: 148.09 ug/l

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

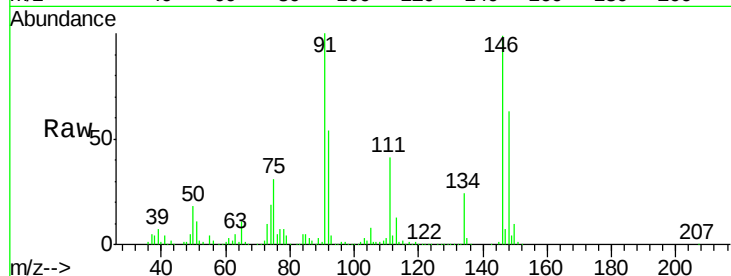
Tot Ion:146 Resp: 568294

Ion Ratio Lower Upper

146 100

111 40.7 20.3 60.8

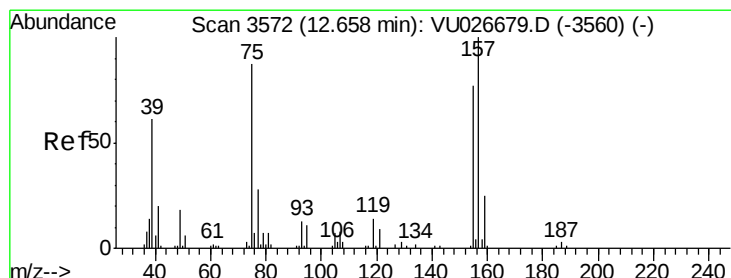
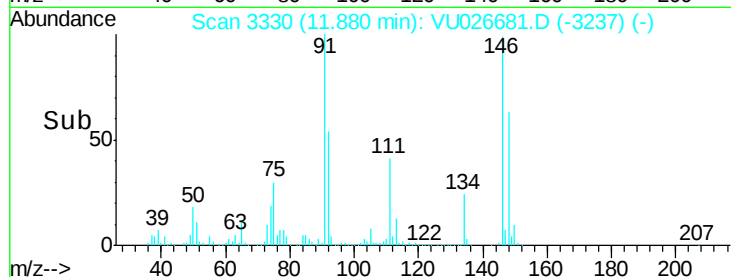
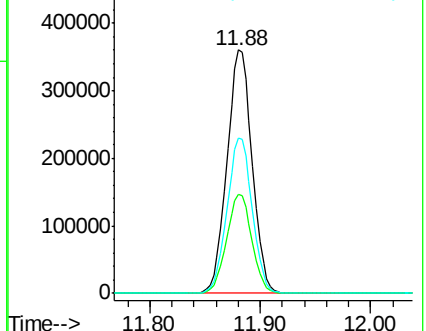
148 64.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 158.47 ug/l

RT: 12.66 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

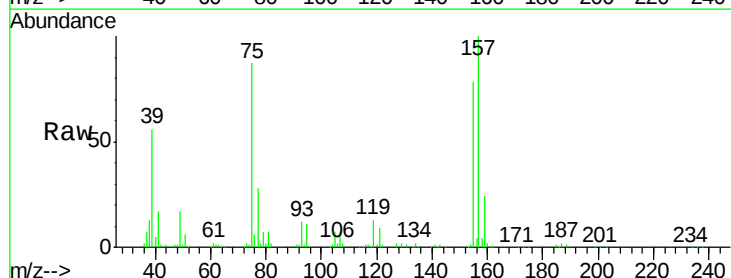
Tgt Ion: 75 Resp: 97426

Ion Ratio Lower Upper

75 100

155 88.9 44.1 132.4

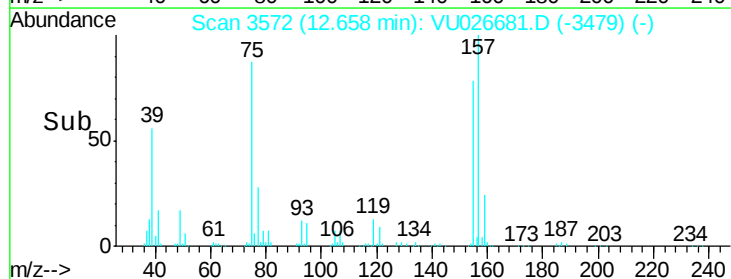
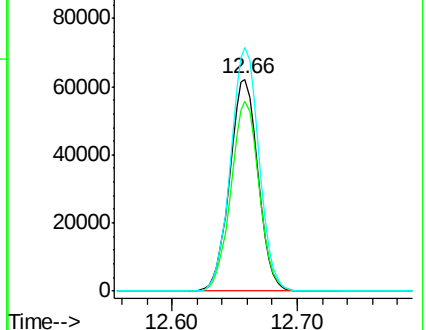
157 114.5 57.2 171.6

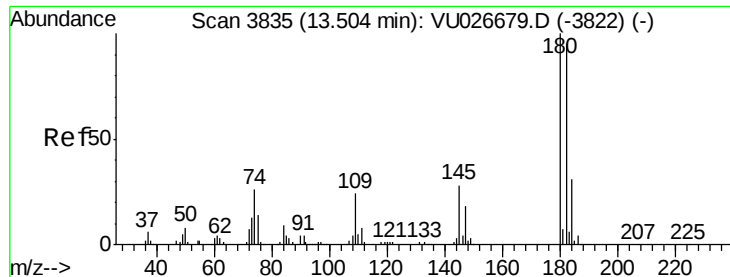


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

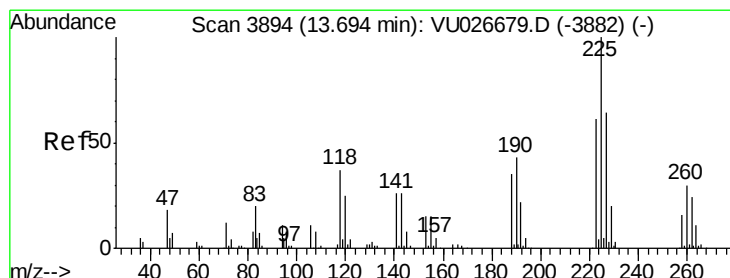
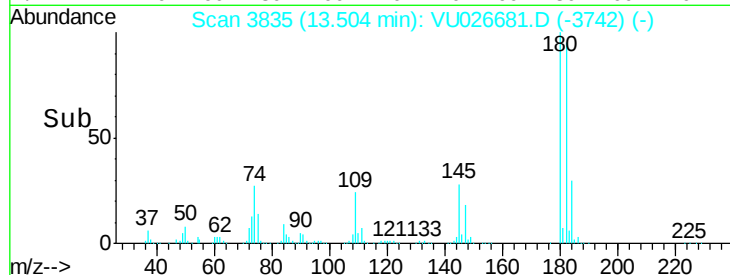
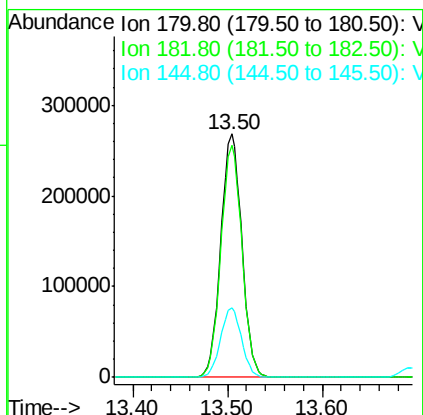
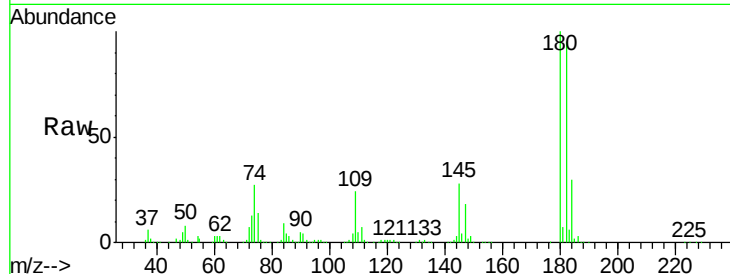




#93  
 1,2,4-Trichlorobenzene  
 Concen: 162.57 ug/l  
 RT: 13.50 min Scan# 3835  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

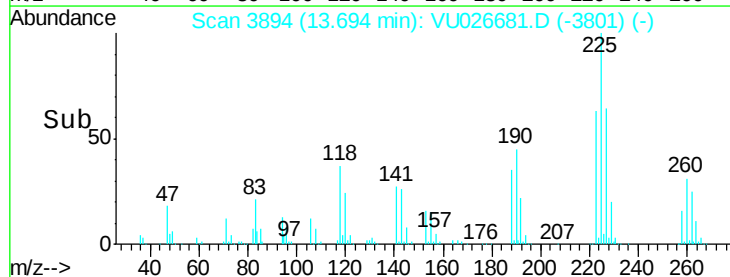
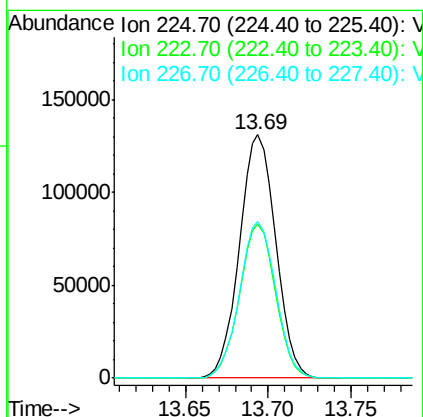
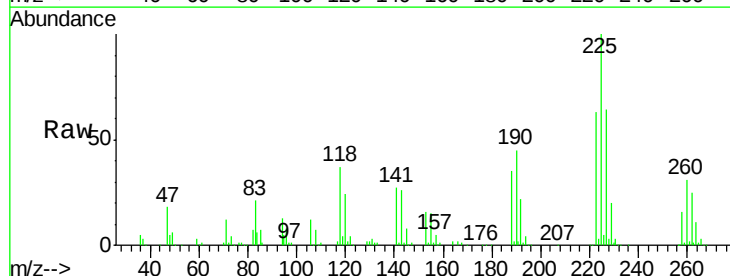
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

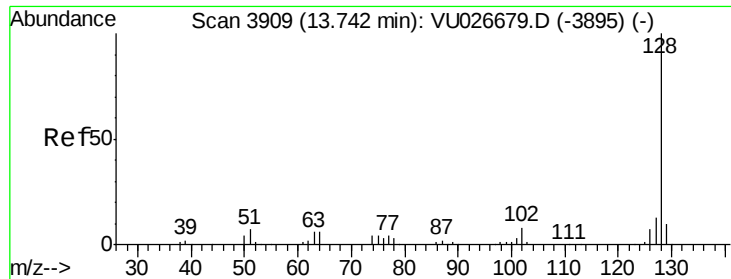
Tot Ion:180 Resp: 414299  
 Ion Ratio Lower Upper  
 180 100  
 182 95.5 47.9 143.7  
 145 28.5 14.0 42.0



#94  
 Hexachlorobutadiene  
 Concen: 152.74 ug/l  
 RT: 13.69 min Scan# 3894  
 Delta R.T. 0.00 min  
 Lab File: VU026681.D  
 Acq: 11 Sep 2018 12:30

Tgt Ion:225 Resp: 200240  
 Ion Ratio Lower Upper  
 225 100  
 223 62.6 30.6 92.0  
 227 64.2 32.1 96.3





#95

Naphthalene

Concen: 167.98 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

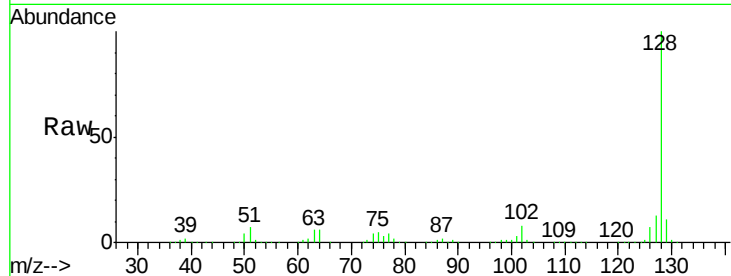
Tot Ion:128 Resp: 1296725

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

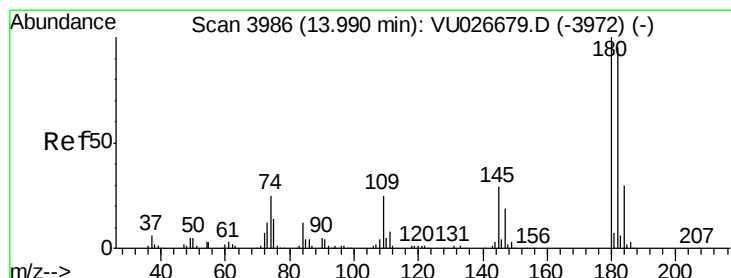
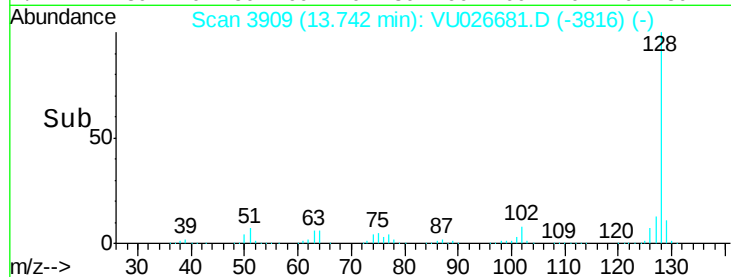
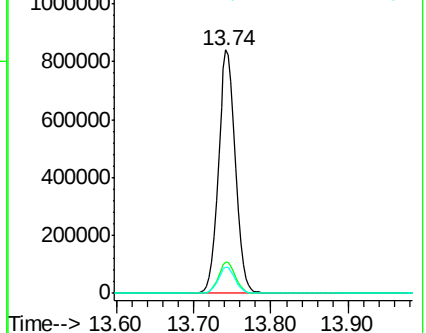
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 157.10 ug/l

RT: 13.99 min Scan# 3986

Delta R.T. 0.00 min

Lab File: VU026681.D

Acq: 11 Sep 2018 12:30

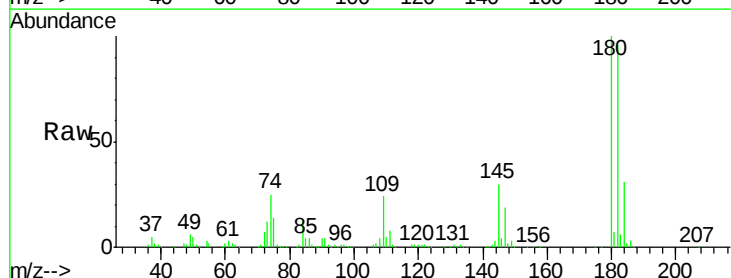
Tgt Ion:180 Resp: 418123

Ion Ratio Lower Upper

180 100

182 95.3 47.9 143.7

145 30.2 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

