

Data File : VU033977.D  
Acq On : 27 Aug 2019 16:42  
Operator : JC/SP  
Sample : VSTDICC150  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC150

Quant Time: Aug 28 02:04:09 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U082819W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 28 01:57:39 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.96  | 168  | 347128   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.86  | 114  | 517394   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.07  | 117  | 518692   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 290009   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |        |         |      |
|-----------------------------|--------|-----|----------|--------|---------|------|
| System Monitoring Compounds |        |     |          |        |         |      |
| 33) 1,2-Dichloroethane-d4   | 5.28   | 65  | 548700   | 113.18 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 226.36% |      |
| 35) Dibromofluoromethane    | 4.86   | 113 | 492211   | 135.13 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 270.26% |      |
| 50) Toluene-d8              | 7.55   | 98  | 1904551  | 141.64 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 283.28% |      |
| 62) 4-Bromofluorobenzene    | 10.29  | 95  | 763297   | 148.61 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 297.22% |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 517103  | 131.404 | ug/l   | 99     |
| 3) Chloromethane              | 1.32 | 50  | 579939  | 123.141 | ug/l   | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 511716  | 100.138 | ug/l   | 100    |
| 5) Bromomethane               | 1.59 | 94  | 307852  | 109.980 | ug/l   | 99     |
| 6) Chloroethane               | 1.66 | 64  | 285995  | 88.995  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 1.86 | 101 | 661586  | 106.450 | ug/l   | 100    |
| 8) Diethyl Ether              | 2.09 | 74  | 251381  | 95.449  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.26 | 101 | 417218  | 114.269 | ug/l   | 99     |
| 10) Methyl Iodide             | 2.39 | 142 | 682917  | 167.845 | ug/l   | 100    |
| 11) Tert butyl alcohol        | 2.84 | 59  | 716422  | 702.030 | ug/l # | 85     |
| 12) 1,1-Dichloroethene        | 2.26 | 96  | 429406  | 114.610 | ug/l   | 97     |
| 13) Acrolein                  | 2.18 | 56  | 228729  | 413.168 | ug/l   | 99     |
| 14) Allyl chloride            | 2.57 | 41  | 781942  | 115.888 | ug/l   | 100    |
| 15) Acrylonitrile             | 2.92 | 53  | 1524573 | 584.278 | ug/l   | 99     |
| 16) Acetone                   | 2.31 | 43  | 1228435 | 436.822 | ug/l   | 100    |
| 17) Carbon Disulfide          | 2.45 | 76  | 1408612 | 114.472 | ug/l   | 99     |
| 18) Methyl Acetate            | 2.60 | 43  | 662774  | 105.455 | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 2.98 | 73  | 1540448 | 129.036 | ug/l   | 99     |
| 20) Methylene Chloride        | 2.68 | 84  | 542127  | 117.106 | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 2.95 | 96  | 503136  | 122.000 | ug/l   | 100    |
| 22) Diisopropyl ether         | 3.55 | 45  | 1452686 | 113.931 | ug/l   | 94     |
| 23) Vinyl Acetate             | 3.50 | 43  | 6527120 | 621.382 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 3.42 | 63  | 899262  | 113.716 | ug/l   | 100    |
| 25) 2-Butanone                | 4.24 | 43  | 2020499 | 556.763 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 4.20 | 77  | 745939  | 115.910 | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 4.19 | 96  | 575036  | 129.609 | ug/l   | 98     |
| 28) Bromochloromethane        | 4.52 | 49  | 392835  | 101.465 | ug/l   | 98     |
| 29) Tetrahydrofuran           | 4.61 | 42  | 1238767 | 566.346 | ug/l   | 99     |
| 30) Chloroform                | 4.65 | 83  | 878225  | 111.282 | ug/l   | 99     |
| 31) Cyclohexane               | 4.97 | 56  | 798508  | 115.488 | ug/l   | 100    |
| 32) 1,1,1-Trichloroethane     | 4.89 | 97  | 787001  | 121.488 | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 5.11 | 75  | 683695  | 130.866 | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.35 | 43  | 718047  | 118.328 | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 5.11 | 117 | 708119  | 134.571 | ug/l   | 97     |

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Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC150

Quant Time: Aug 28 02:04:09 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U082819W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 28 01:57:39 2019  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 6.39  | 83   | 861462   | 147.980  | ug/l   | 98       |
| 40) Benzene                    | 5.36  | 78   | 2042844  | 131.459  | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.52  | 41   | 391486   | 128.585  | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 5.38  | 62   | 678442   | 119.455  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 5.53  | 43   | 1162666  | 130.997  | ug/l   | 100      |
| 44) Trichloroethene            | 6.16  | 130  | 585485   | 142.651  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 6.41  | 63   | 553971   | 129.273  | ug/l   | 98       |
| 46) Dibromomethane             | 6.54  | 93   | 375682   | 135.117  | ug/l   | 99       |
| 47) Bromodichloromethane       | 6.74  | 83   | 735549   | 131.866  | ug/l   | 99       |
| 48) Methyl methacrylate        | 6.60  | 41   | 574703   | 144.108  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 6.60  | 88   | 317120   | 3367.246 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone       | 7.45  | 43   | 3963405  | 659.359  | ug/l   | 99       |
| 52) Toluene                    | 7.62  | 92   | 1338926  | 147.516  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 7.86  | 75   | 878892   | 152.108  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 7.25  | 75   | 925578   | 143.786  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 8.05  | 97   | 570743   | 143.405  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 8.00  | 69   | 935548   | 173.033  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 8.22  | 76   | 934285   | 135.784  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.11  | 63   | 1783615  | 924.130  | ug/l   | 98       |
| 59) 2-Hexanone                 | 8.35  | 43   | 3069365  | 669.594  | ug/l   | 99       |
| 60) Dibromochloromethane       | 8.46  | 129  | 675905   | 160.896  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 8.57  | 107  | 615189   | 148.708  | ug/l   | 100      |
| 64) Tetrachloroethene          | 8.21  | 164  | 558532   | 145.844  | ug/l   | 99       |
| 65) Chlorobenzene              | 9.10  | 112  | 1588196  | 148.342  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.19  | 131  | 612010   | 154.004  | ug/l   | 100      |
| 67) Ethyl Benzene              | 9.23  | 91   | 2697551  | 154.312  | ug/l   | 100      |
| 68) m/p-Xylenes                | 9.36  | 106  | 2100725  | 324.629  | ug/l   | 100      |
| 69) o-Xylene                   | 9.76  | 106  | 1027477  | 166.003  | ug/l   | 100      |
| 70) Styrene                    | 9.77  | 104  | 1837454  | 171.853  | ug/l   | 99       |
| 71) Bromoform                  | 9.94  | 173  | 578238   | 172.130  | ug/l # | 100      |
| 73) Isopropylbenzene           | 10.15 | 105  | 2793019  | 156.204  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.00 | 43   | 1132800  | 150.869  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 10.44 | 83   | 943672   | 126.055  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 10.48 | 75   | 1095272  | 166.186  | ug/l   | 83       |
| 77) Bromobenzene               | 10.44 | 156  | 770235   | 159.613  | ug/l   | 99       |
| 78) n-propylbenzene            | 10.57 | 91   | 3210914  | 151.815  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 10.64 | 91   | 1873749  | 147.669  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 10.76 | 105  | 2443853  | 159.750  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 10.48 | 75   | 1095248  | 454.727  | ug/l # | 100      |
| 82) 4-Chlorotoluene            | 10.76 | 91   | 2194335  | 147.355  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.08 | 119  | 2407492  | 168.069  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.13 | 105  | 2456308  | 165.258  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.31 | 105  | 2871255  | 160.445  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 11.46 | 119  | 2715630  | 166.496  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 11.40 | 146  | 1377241  | 151.421  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 11.49 | 146  | 1363867  | 145.206  | ug/l   | 99       |
| 89) n-Butylbenzene             | 11.87 | 91   | 2356998  | 161.974  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.13 | 117  | 459161   | 146.326  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 11.86 | 146  | 1339040  | 153.448  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 12.64 | 75   | 217871   | 141.517  | ug/l   | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU082819\  
Quantitation Report (Not Reviewed)

Data File : VU033977.D  
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Operator : JC/SP  
Sample : VSTDICC150  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDICC150

Quant Time: Aug 28 02:04:09 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U082819W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 28 01:57:39 2019  
Response via : Initial Calibration

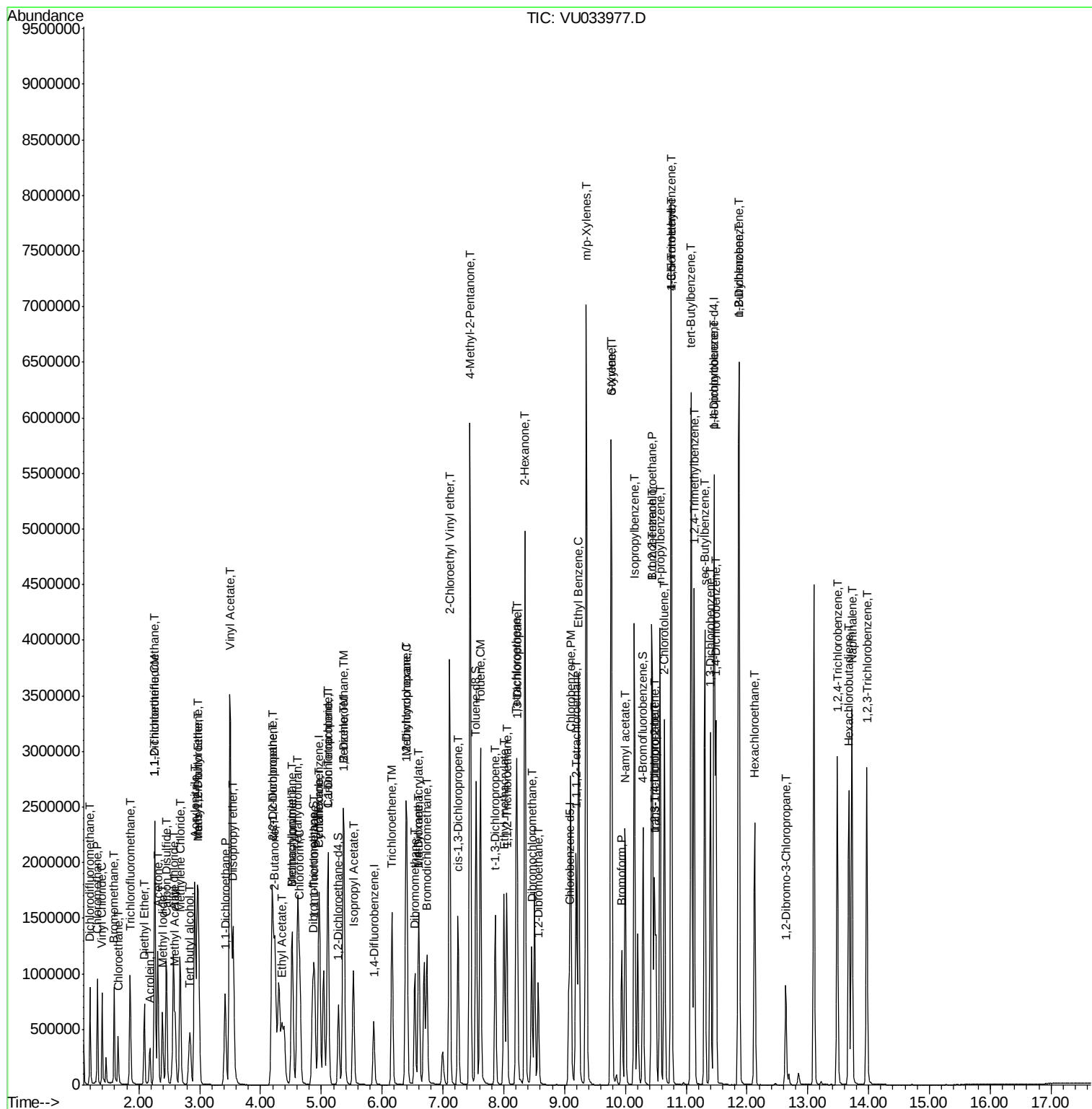
| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.49 | 180  | 1003023  | 190.393 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.68 | 225  | 558410   | 168.294 | ug/l  | 98       |
| 95) Naphthalene            | 13.73 | 128  | 2785638  | 193.271 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 13.97 | 180  | 968807   | 182.950 | ug/l  | 99       |

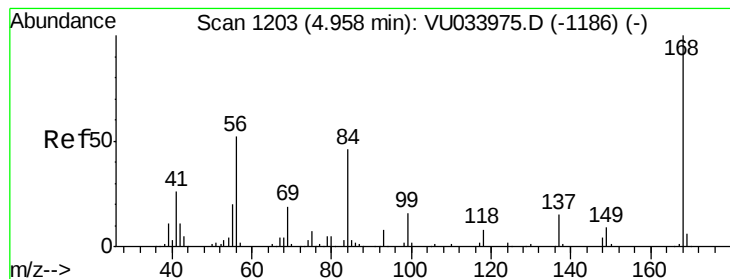
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033977.D  
Acq On : 27 Aug 2019 16:42  
Operator : JC/SP  
Sample : VSTDICC150  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleID :  
VSTDICC150

Quant Time: Aug 28 02:04:09 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U082819W.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 28 01:57:39 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

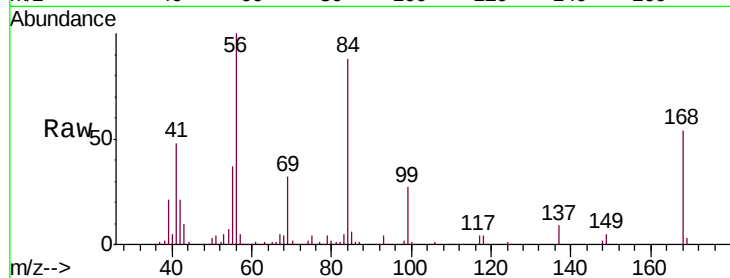
VSTDIC150

Tgt Ion:168 Resp: 347128

Ion Ratio Lower Upper

168 100

99 49.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033977.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU033977.D (-1186) (-)

250000

200000

150000

100000

50000

0

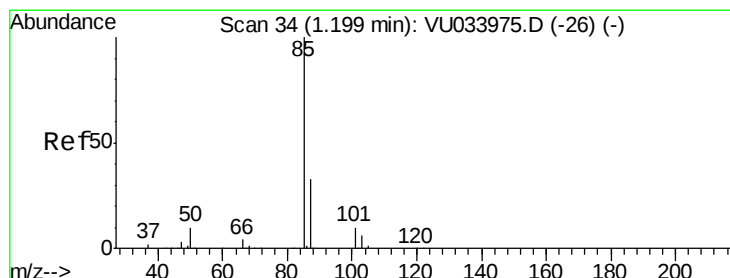
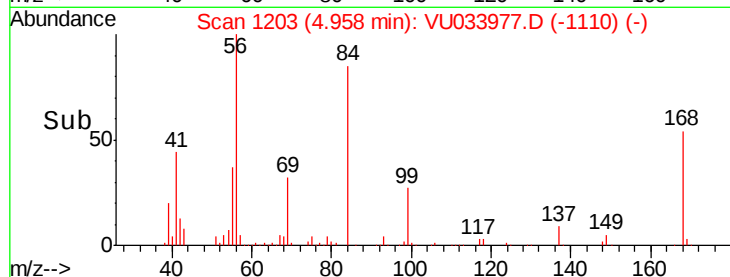
4.90

4.96

5.00

5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 131.404 ug/l

RT: 1.20 min Scan# 33

Delta R.T. -0.00 min

Lab File: VU033977.D

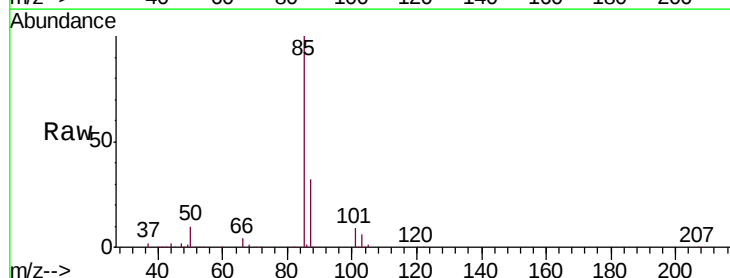
Acq: 27 Aug 2019 16:42

Tgt Ion: 85 Resp: 517103

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VU033977.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VU033977.D (-1) (-)

600000

500000

400000

300000

200000

100000

0

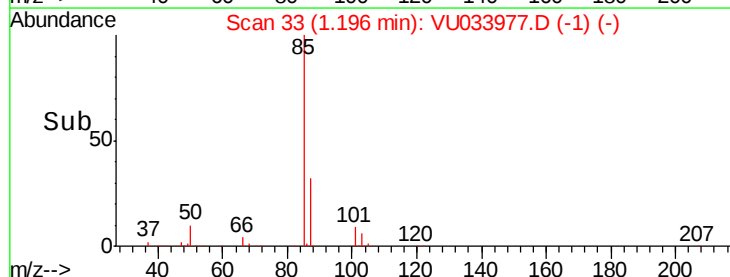
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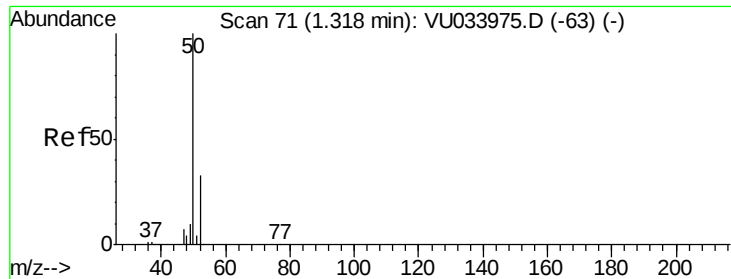
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 123.141 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

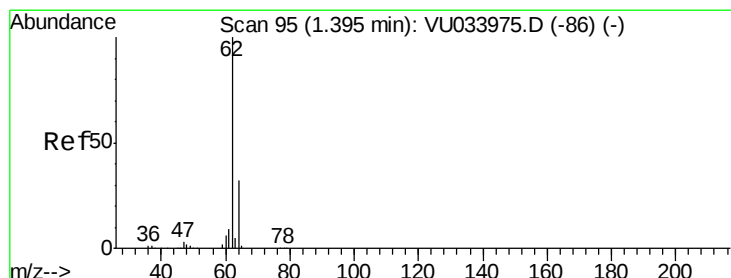
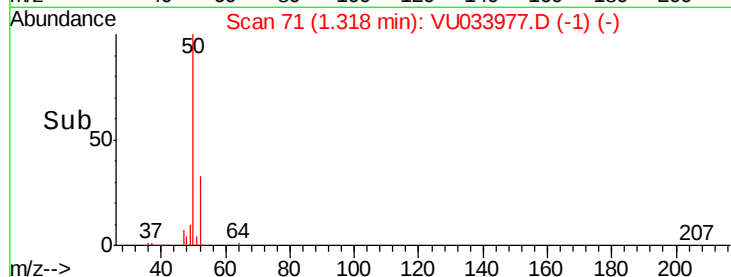
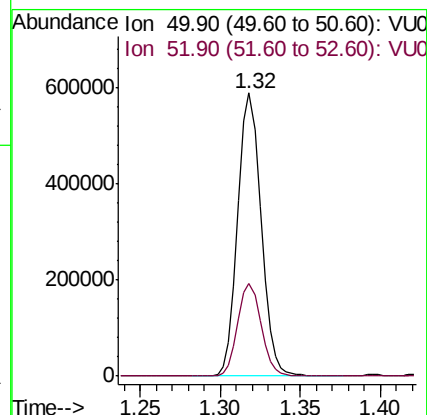
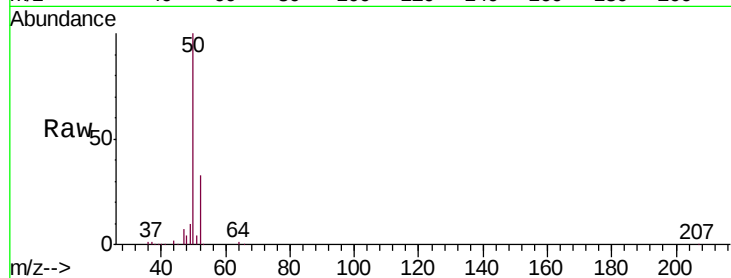
VSTDIC150

Tgt Ion: 50 Resp: 579939

Ion Ratio Lower Upper

50 100

52 32.9 26.2 39.2



#4

Vinyl Chloride

Concen: 100.138 ug/l

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033977.D

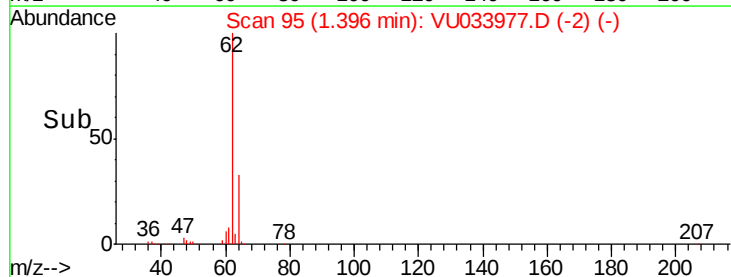
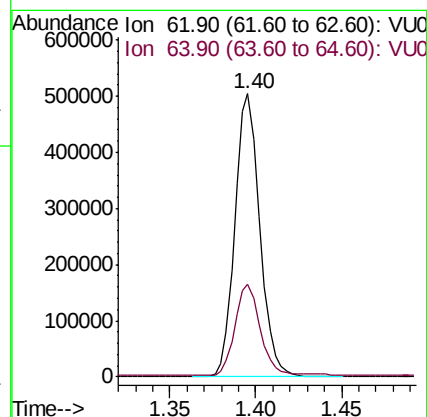
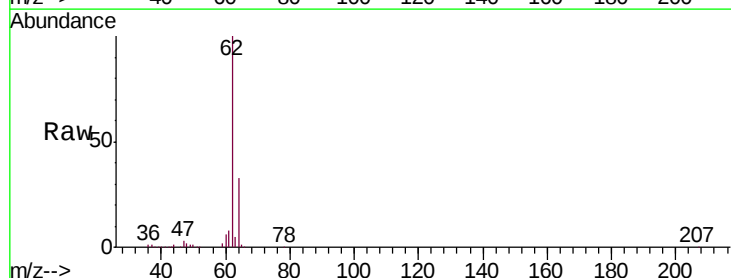
Acq: 27 Aug 2019 16:42

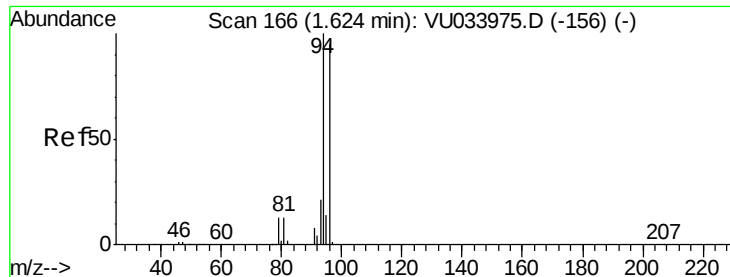
Tgt Ion: 62 Resp: 511716

Ion Ratio Lower Upper

62 100

64 32.2 25.9 38.9





#5

Bromomethane

Concen: 109.980 ug/l

RT: 1.59 min Scan# 156

Delta R.T. -0.03 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

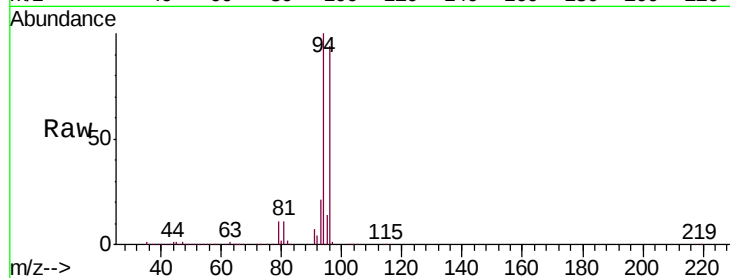
VSTDIC150

Tgt Ion: 94 Resp: 307852

Ion Ratio Lower Upper

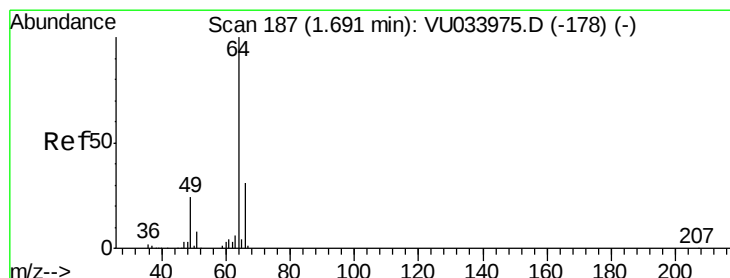
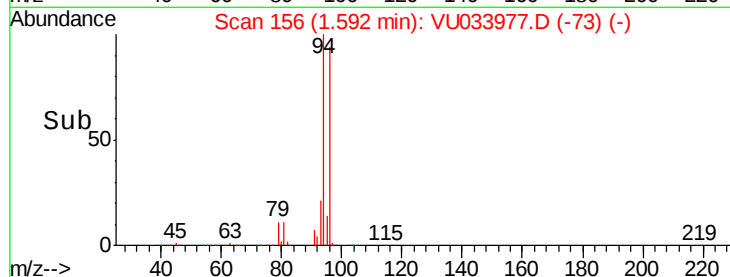
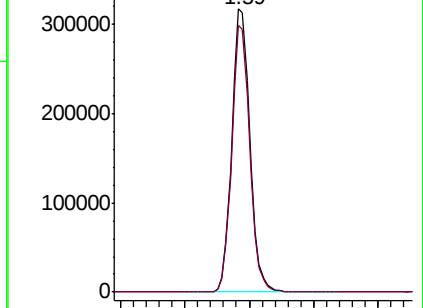
94 100

96 94.4 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VU033977.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VU033977.D (-156) (-)



#6

Chloroethane

Concen: 88.995 ug/l

RT: 1.66 min Scan# 176

Delta R.T. -0.04 min

Lab File: VU033977.D

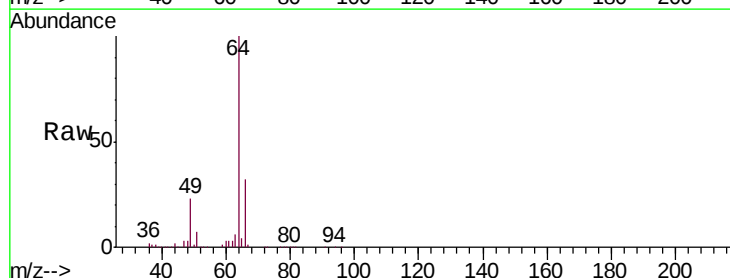
Acq: 27 Aug 2019 16:42

Tgt Ion: 64 Resp: 285995

Ion Ratio Lower Upper

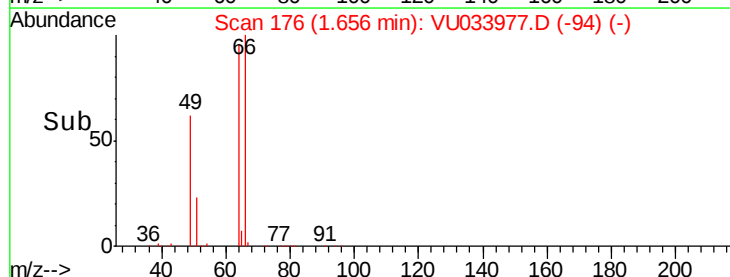
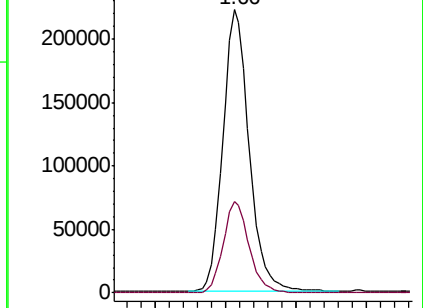
64 100

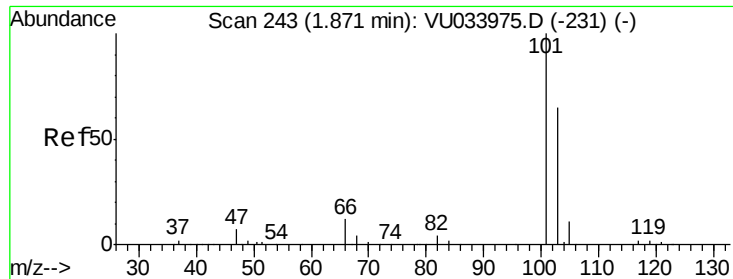
66 32.4 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VU033977.D (-178) (-)

Ion 65.90 (65.60 to 66.60): VU033977.D (-178) (-)



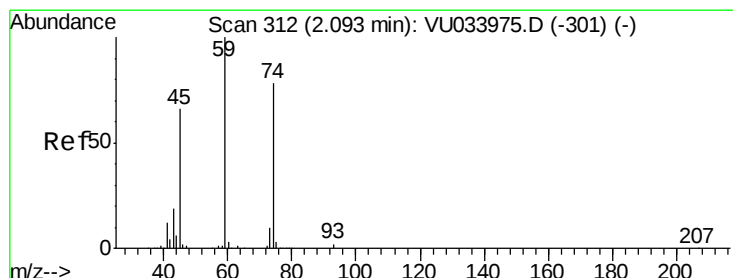
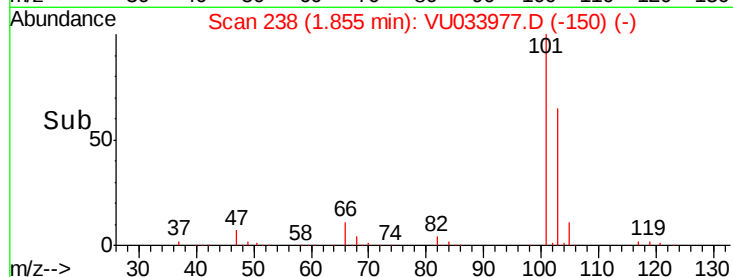
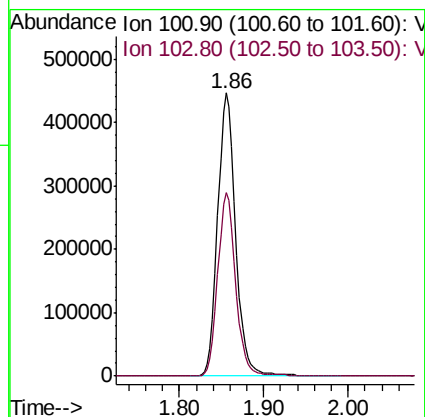
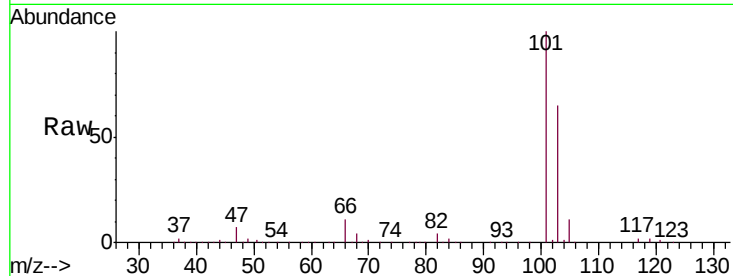


#7

Trichlorofluoromethane  
Concen: 106.450 ug/l  
RT: 1.86 min Scan# 238  
Delta R.T. -0.02 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

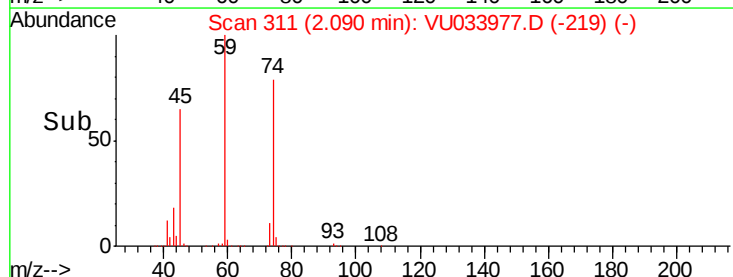
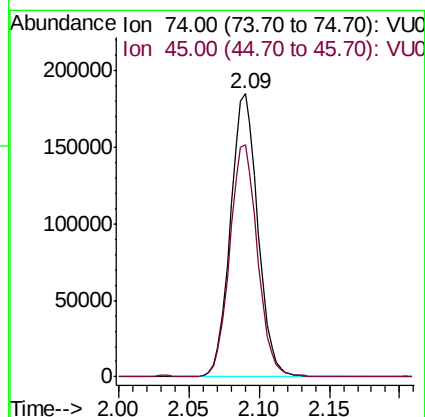
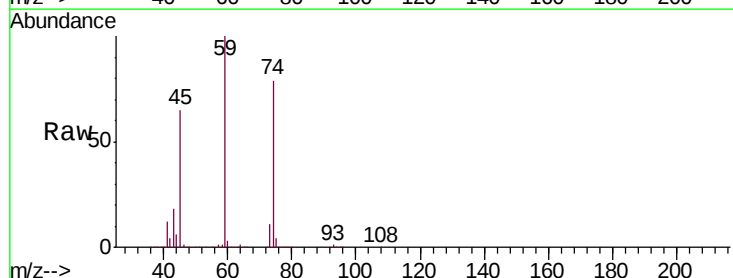
Tgt Ion:101 Resp: 661586  
Ion Ratio Lower Upper  
101 100  
103 65.1 52.0 78.0

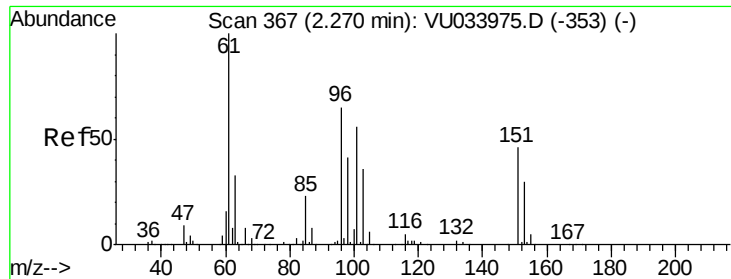


#8

Diethyl Ether  
Concen: 95.449 ug/l  
RT: 2.09 min Scan# 311  
Delta R.T. -0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

Tgt Ion: 74 Resp: 251381  
Ion Ratio Lower Upper  
74 100  
45 82.5 42.8 128.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 114.269 ug/l

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

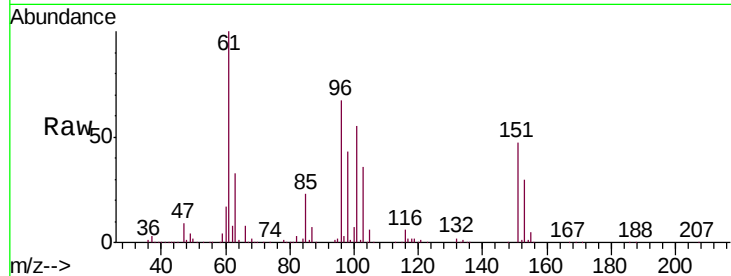
Tgt Ion:101 Resp: 417218

Ion Ratio Lower Upper

101 100

85 41.4 33.4 50.0

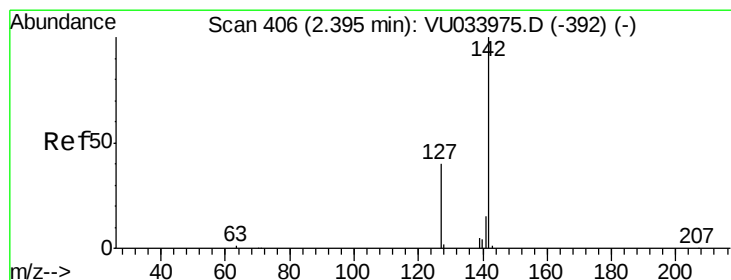
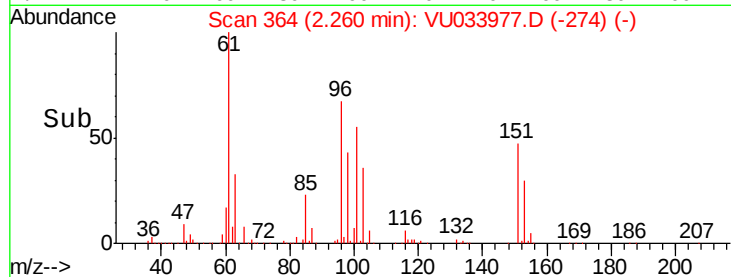
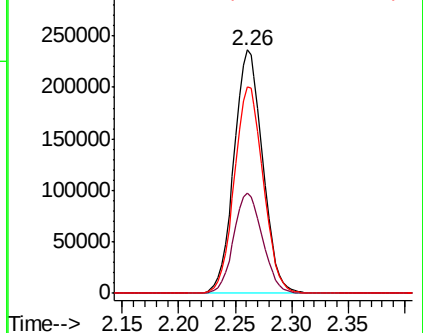
151 85.6 67.6 101.4



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: 167.845 ug/l

RT: 2.39 min Scan# 403

Delta R.T. -0.01 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

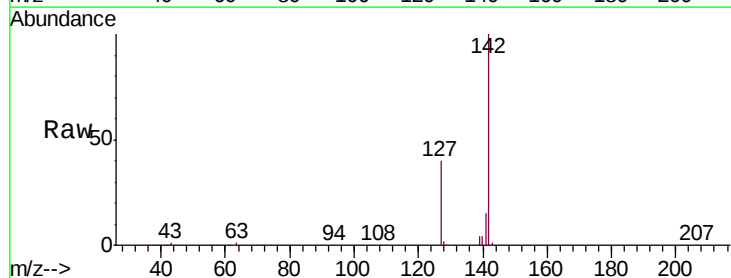
Tgt Ion:142 Resp: 682917

Ion Ratio Lower Upper

142 100

127 40.2 32.2 48.2

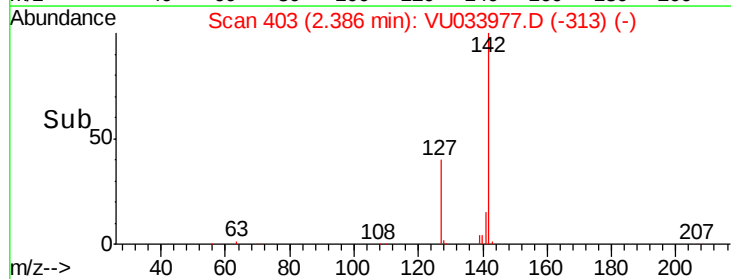
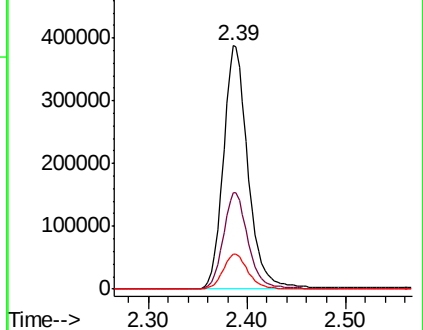
141 14.4 11.8 17.8

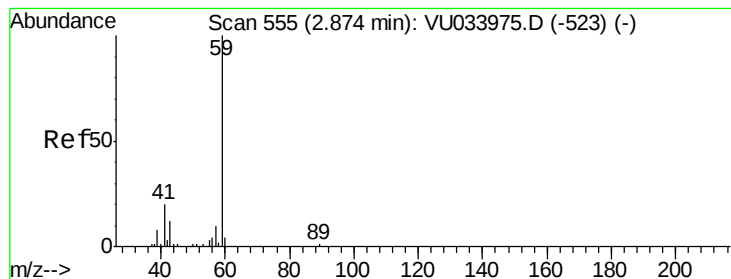


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



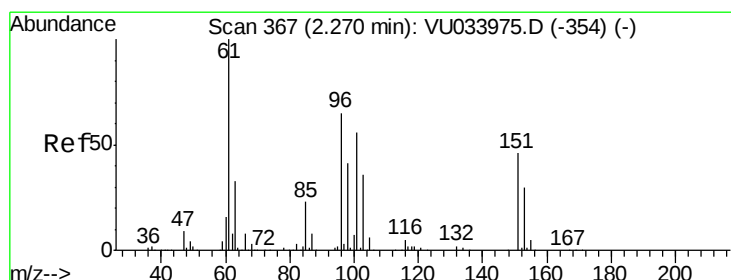
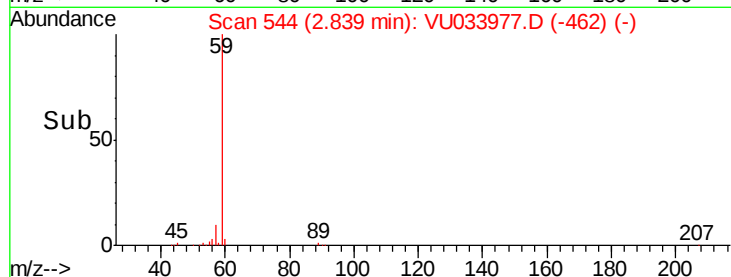
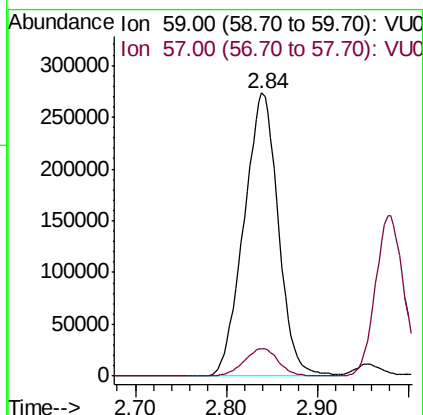
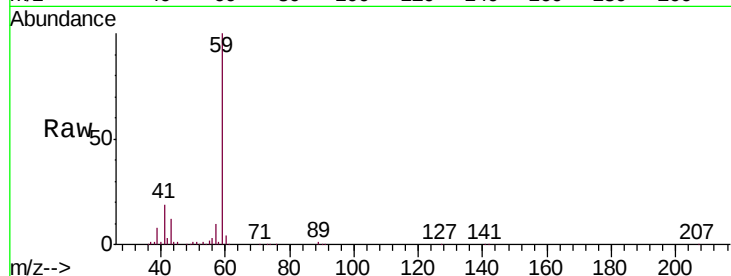


#11

Tert butyl alcohol  
 Concen: 702.030 ug/l  
 RT: 2.84 min Scan# 544  
 Delta R.T. -0.04 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

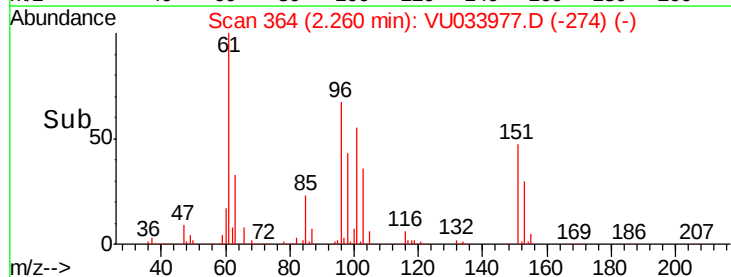
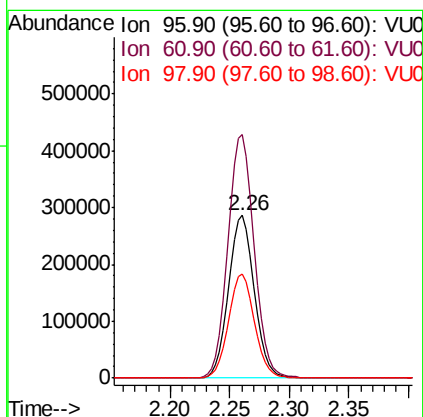
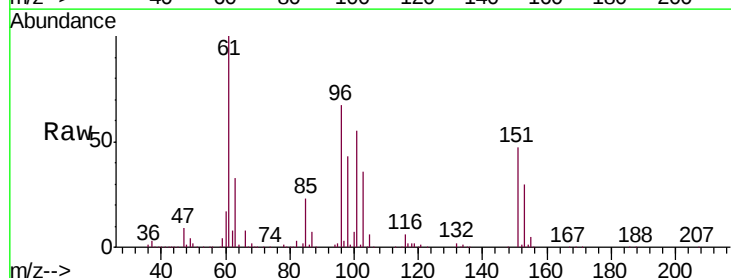
Tgt Ion: 59 Resp: 716422  
 Ion Ratio Lower Upper  
 59 100  
 57 9.9 3.9 5.9#

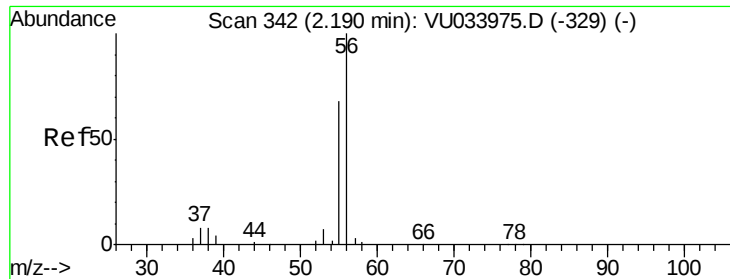


#12

1,1-Dichloroethene  
 Concen: 114.610 ug/l  
 RT: 2.26 min Scan# 364  
 Delta R.T. -0.01 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Tgt Ion: 96 Resp: 429406  
 Ion Ratio Lower Upper  
 96 100  
 61 149.9 123.3 184.9  
 98 64.4 50.5 75.7





#13

Acrolein

Concen: 413.168 ug/l

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

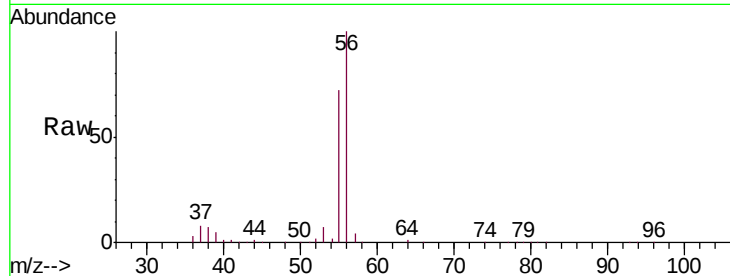
VSTDIC150

Tgt Ion: 56 Resp: 228729

Ion Ratio Lower Upper

56 100

55 72.0 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VU033977.D (-339) (-)

Ion 55.00 (54.70 to 55.70): VU033977.D (-339) (-)

2.18

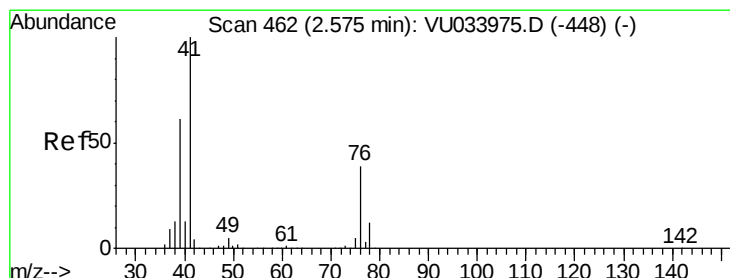
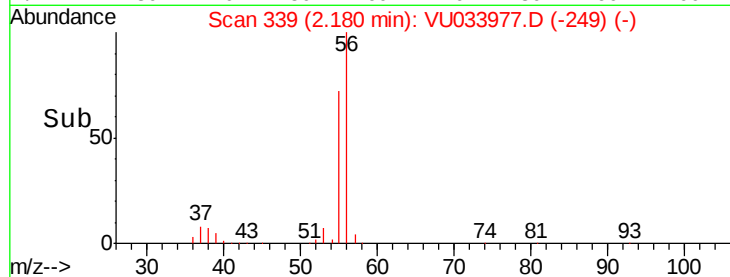
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 115.888 ug/l

RT: 2.57 min Scan# 460

Delta R.T. -0.01 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

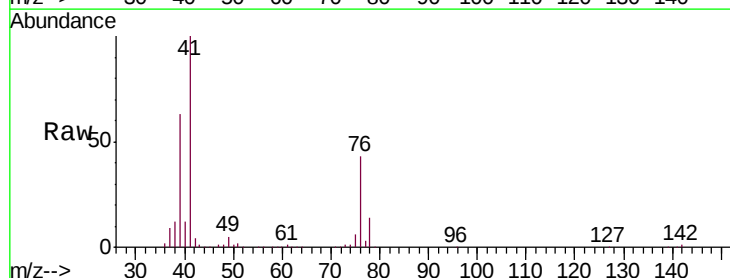
Tgt Ion: 41 Resp: 781942

Ion Ratio Lower Upper

41 100

39 57.2 45.9 68.9

76 37.0 29.4 44.2



Abundance Ion 41.00 (40.70 to 41.70): VU033977.D (-369) (-)

Ion 39.00 (38.70 to 39.70): VU033977.D (-369) (-)

Ion 75.90 (75.60 to 76.60): VU033977.D (-369) (-)

1200000

1000000

800000

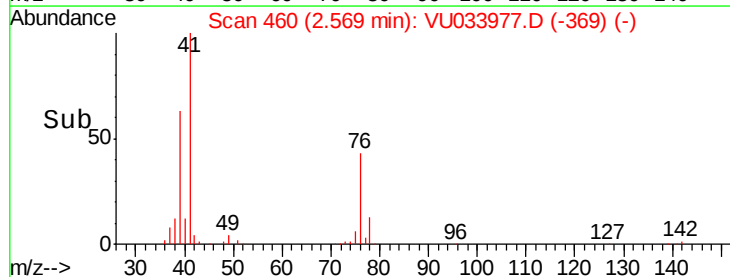
600000

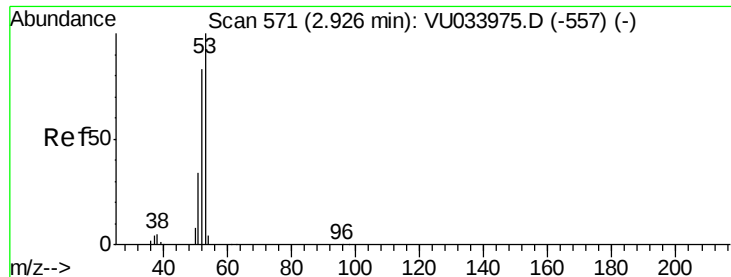
400000

200000

0

Time-->





#15

Acrylonitrile

Concen: 584.278 ug/l

RT: 2.92 min Scan# 568

Delta R.T. -0.01 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

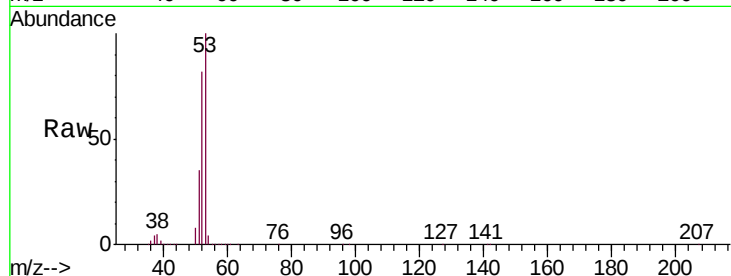
Tgt Ion: 53 Resp: 1524573

Ion Ratio Lower Upper

53 100

52 82.0 66.7 100.1

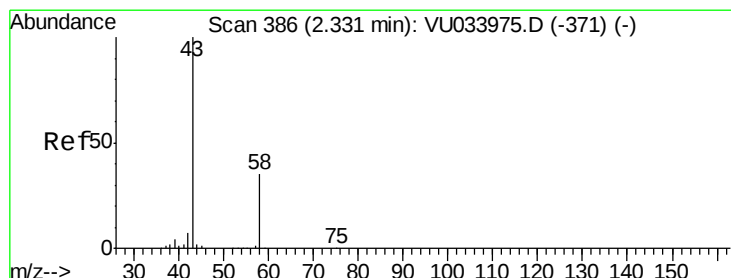
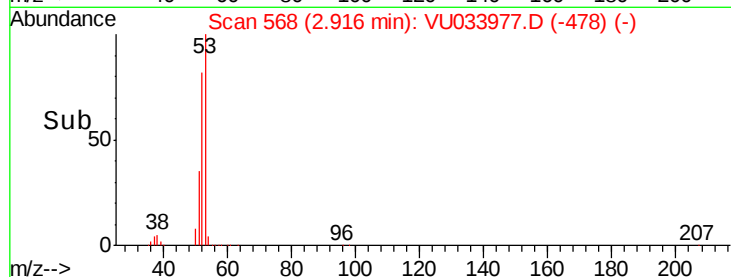
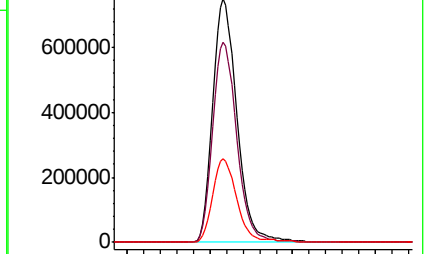
51 34.5 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VU033977.D (-557) (-)

Ion 52.00 (51.70 to 52.70): VU033977.D (-557) (-)

Ion 51.00 (50.70 to 51.70): VU033977.D (-557) (-)



#16

Acetone

Concen: 436.822 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033977.D

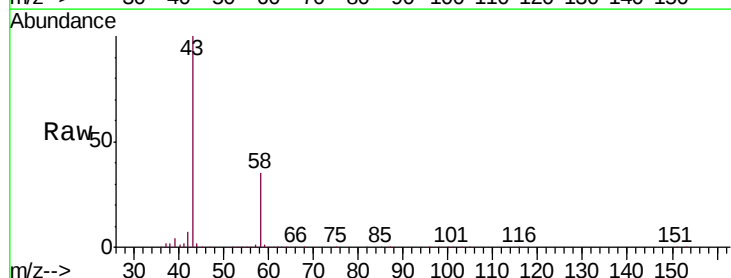
Acq: 27 Aug 2019 16:42

Tgt Ion: 43 Resp: 1228435

Ion Ratio Lower Upper

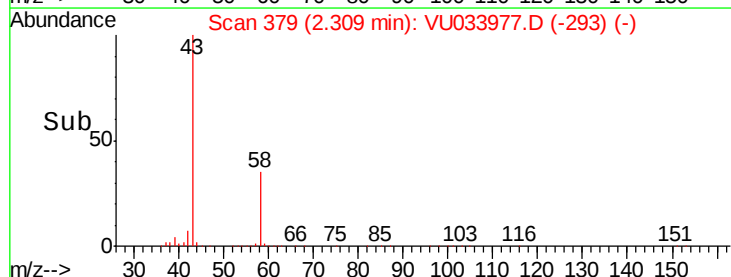
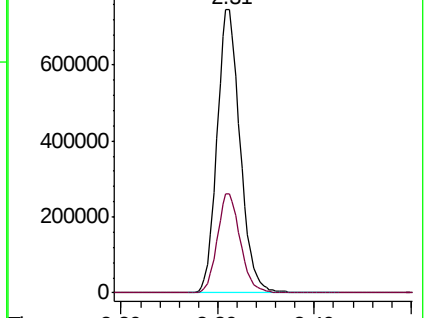
43 100

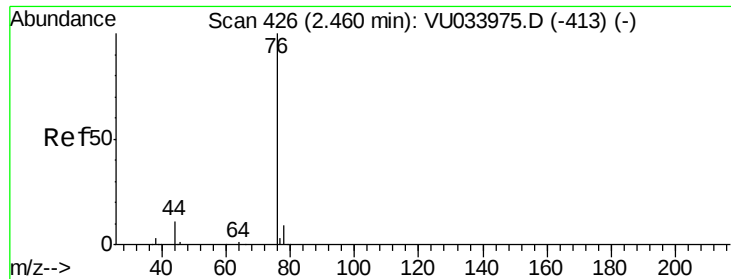
58 34.9 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VU033977.D (-293) (-)

Ion 58.00 (57.70 to 58.70): VU033977.D (-293) (-)

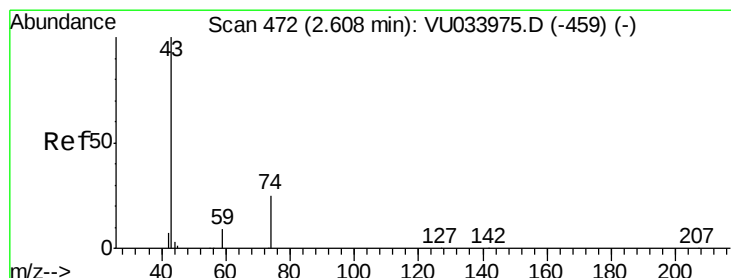
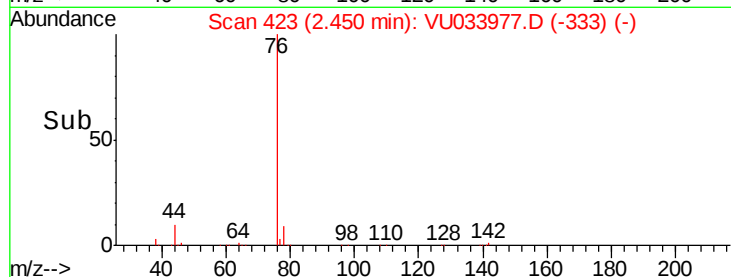
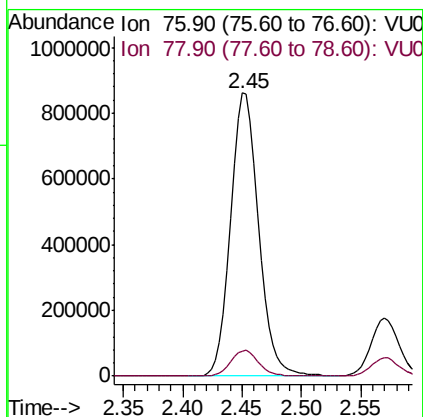
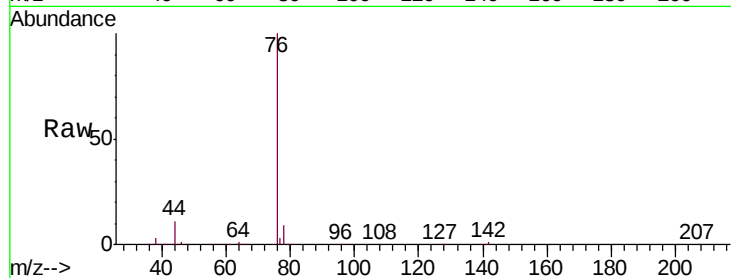




#17  
Carbon Disulfide  
Concen: 114.472 ug/l  
RT: 2.45 min Scan# 423  
Delta R.T. -0.01 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

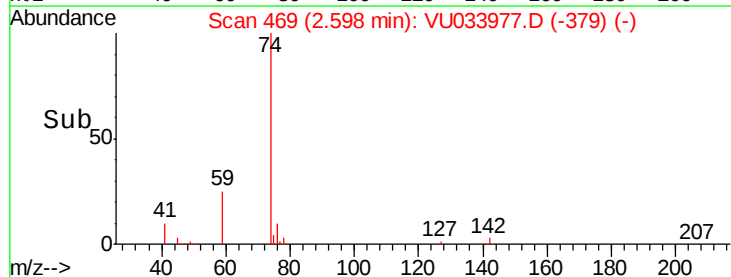
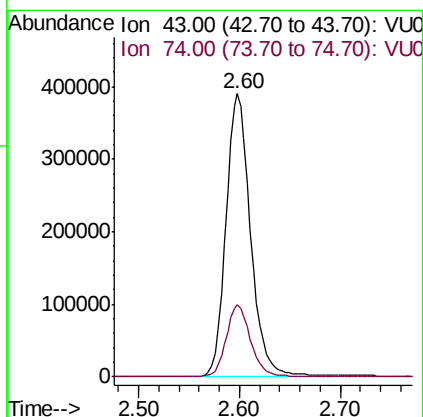
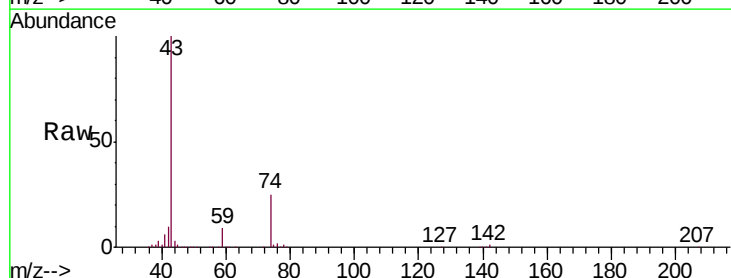
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

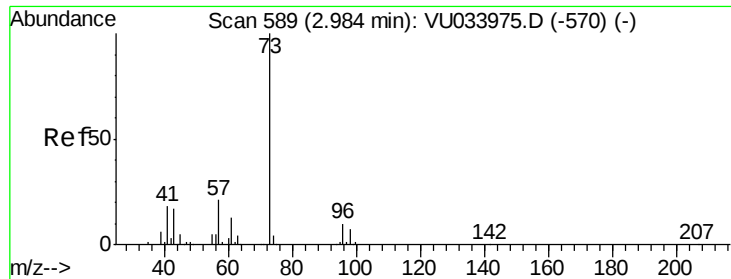
Tgt Ion: 76 Resp: 1408612  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.5 11.3



#18  
Methyl Acetate  
Concen: 105.455 ug/l  
RT: 2.60 min Scan# 469  
Delta R.T. -0.01 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

Tgt Ion: 43 Resp: 662774  
Ion Ratio Lower Upper  
43 100  
74 25.6 20.5 30.7



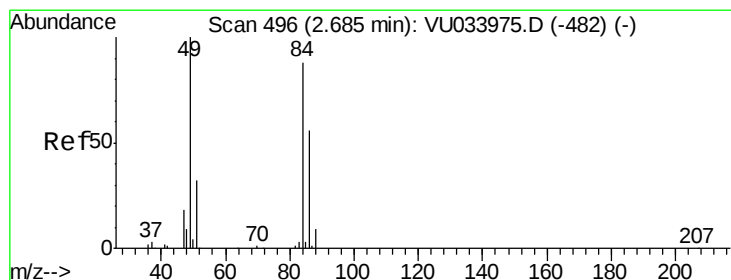
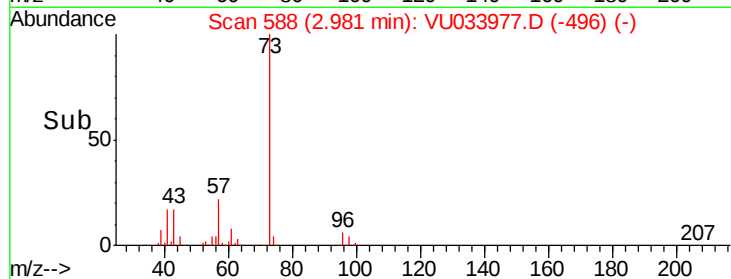
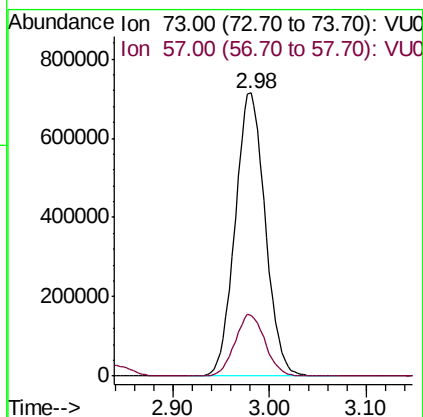
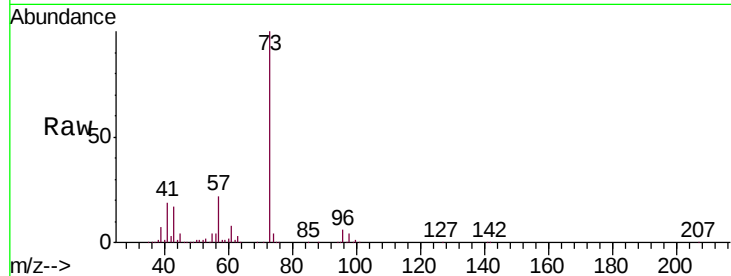


#19

Methyl tert-butyl Ether  
 Concen: 129.036 ug/l  
 RT: 2.98 min Scan# 588  
 Delta R.T. -0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

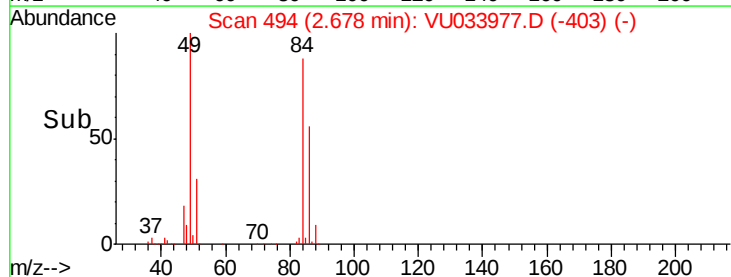
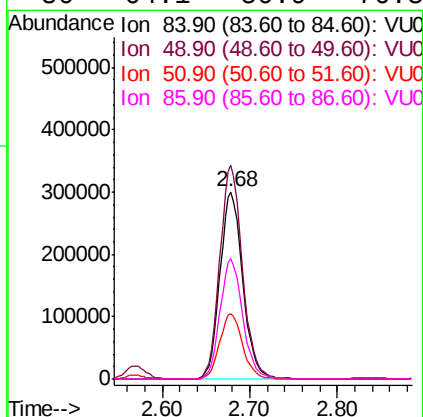
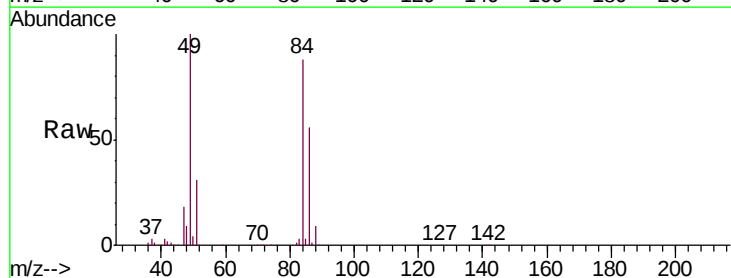
Tgt Ion: 73 Resp: 1540448  
 Ion Ratio Lower Upper  
 73 100  
 57 21.6 17.5 26.3

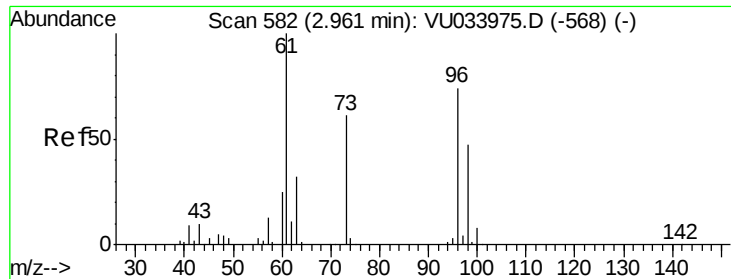


#20

Methylene Chloride  
 Concen: 117.106 ug/l  
 RT: 2.68 min Scan# 494  
 Delta R.T. -0.01 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Tgt Ion: 84 Resp: 542127  
 Ion Ratio Lower Upper  
 84 100  
 49 114.1 91.3 136.9  
 51 35.0 28.9 43.3  
 86 64.1 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 122.000 ug/l

RT: 2.95 min Scan# 580

Delta R.T. -0.01 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

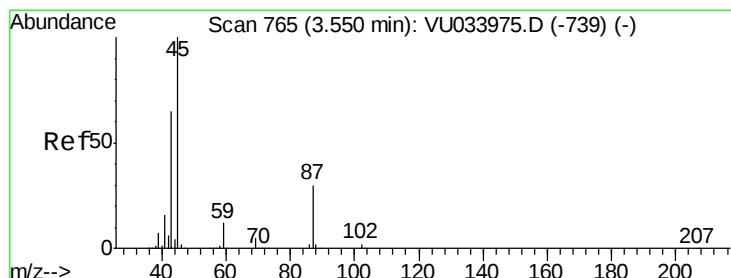
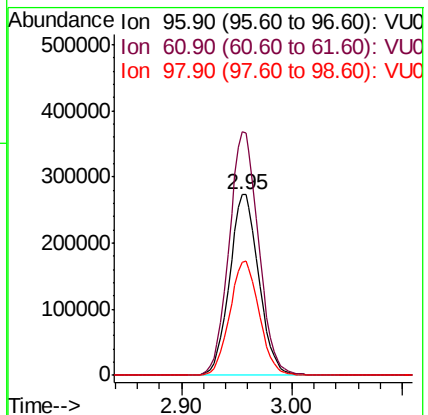
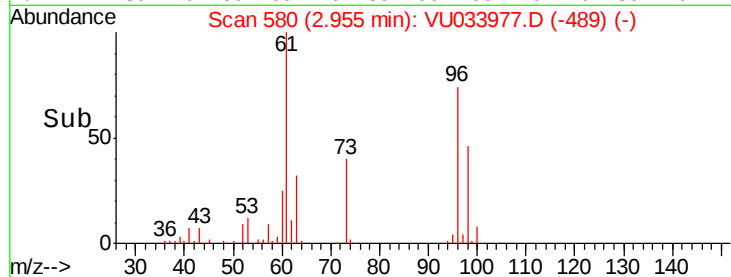
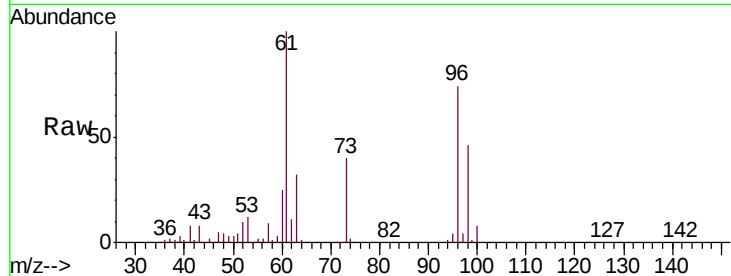
Tgt Ion: 96 Resp: 503136

Ion Ratio Lower Upper

96 100

61 134.8 108.2 162.2

98 62.7 50.3 75.5



#22

Diisopropyl ether

Concen: 113.931 ug/l

RT: 3.55 min Scan# 764

Delta R.T. -0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Tgt Ion: 45 Resp: 1452686

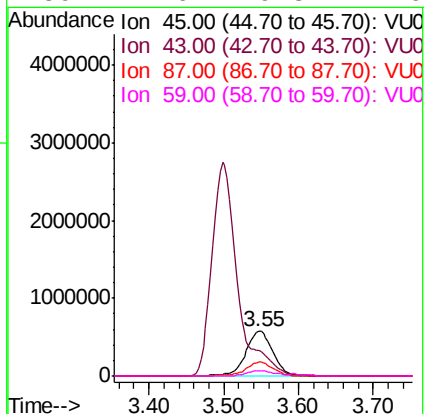
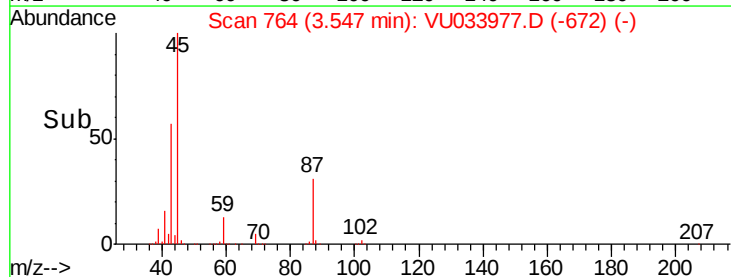
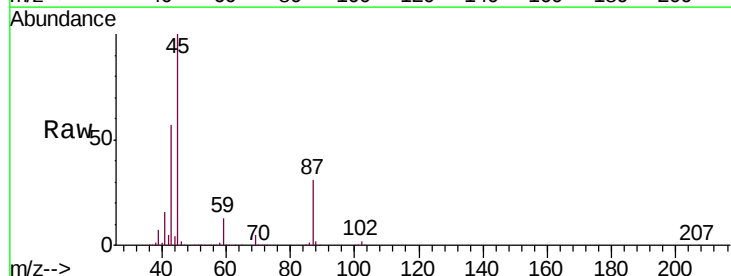
Ion Ratio Lower Upper

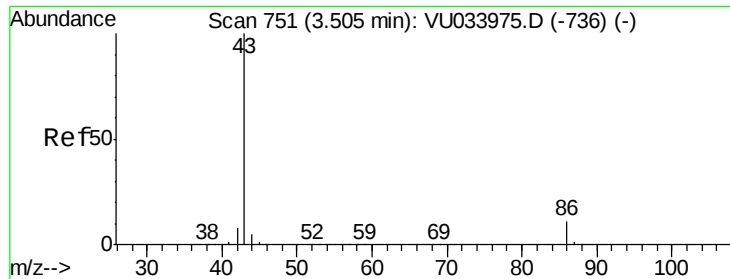
45 100

43 56.7 51.6 77.4

87 31.1 24.4 36.6

59 12.6 9.8 14.6





#23

Vinyl Acetate

Concen: 621.382 ug/l

RT: 3.50 min Scan# 749

Delta R.T. -0.01 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

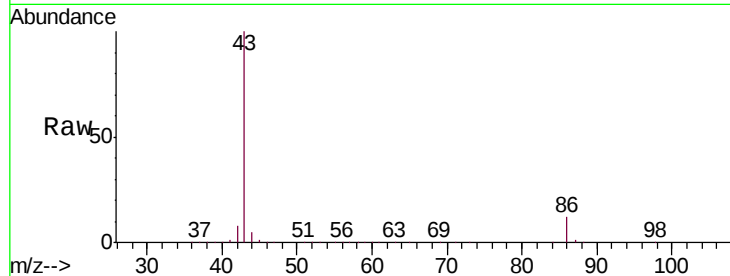
VSTDIC150

Tgt Ion: 43 Resp: 6527120

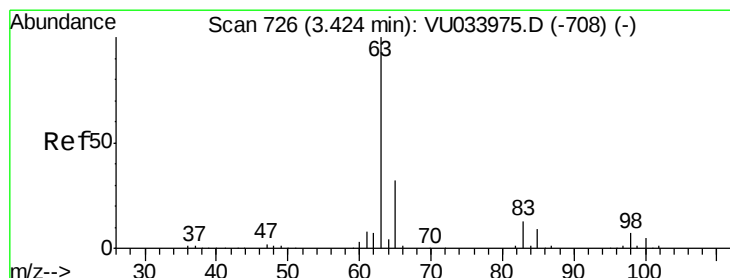
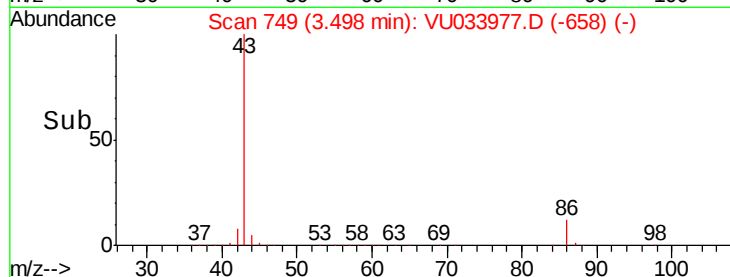
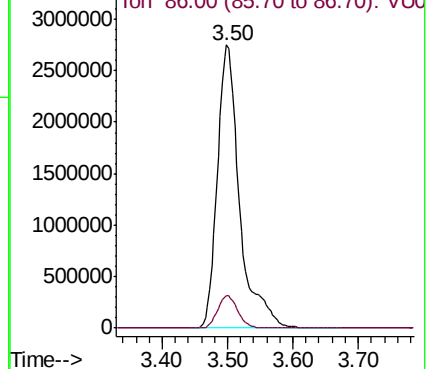
Ion Ratio Lower Upper

43 100

86 11.6 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VU033977.D (-658) (-)



#24

1,1-Dichloroethane

Concen: 113.716 ug/l

RT: 3.42 min Scan# 724

Delta R.T. -0.01 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

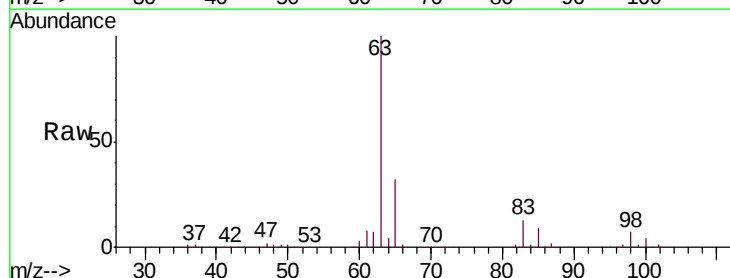
Tgt Ion: 63 Resp: 899262

Ion Ratio Lower Upper

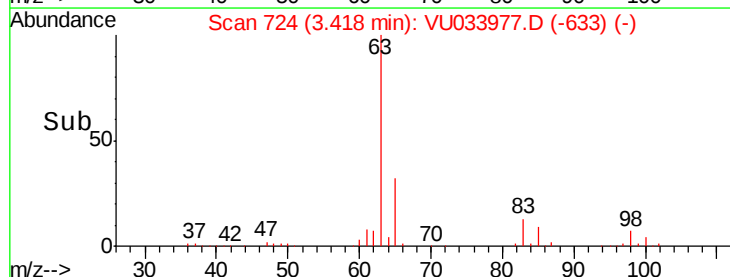
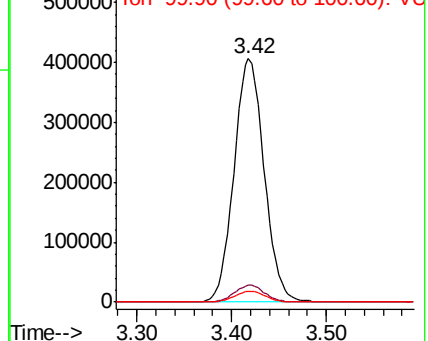
63 100

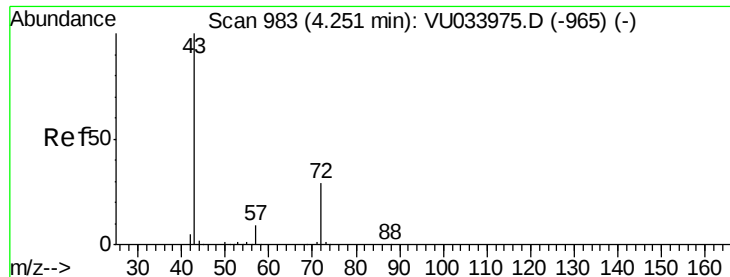
98 6.9 3.5 10.4

100 4.3 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VU033977.D (-633) (-)





#25

2-Butanone

Concen: 556.763 ug/l

RT: 4.24 min Scan# 979

Delta R.T. -0.01 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

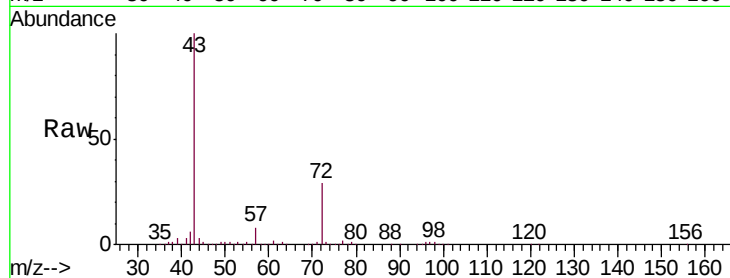
VSTDIC150

Tgt Ion: 43 Resp: 2020499

Ion Ratio Lower Upper

43 100

72 29.0 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VU033977.D (-979) (-)

Ion 72.00 (71.70 to 72.70): VU033977.D (-979) (-)

4.24

800000

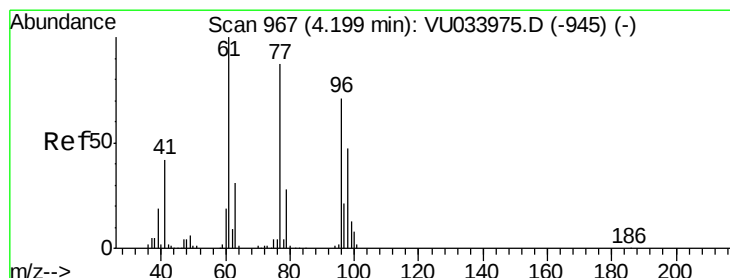
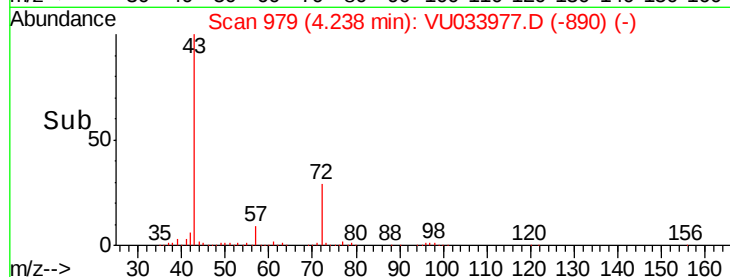
600000

400000

200000

0

Time-->



#26

2,2-Dichloropropane

Concen: 115.910 ug/l

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033977.D

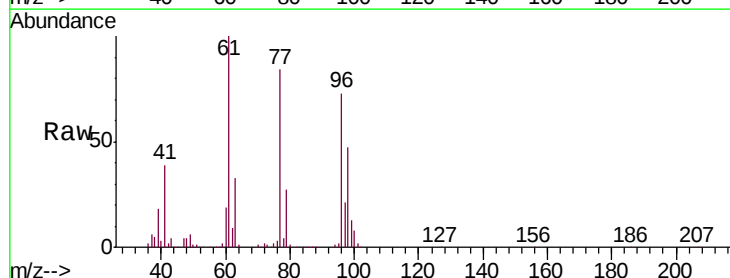
Acq: 27 Aug 2019 16:42

Tgt Ion: 77 Resp: 745939

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VU033977.D (-966) (-)

Ion 96.90 (96.60 to 97.60): VU033977.D (-966) (-)

4.20

300000

250000

200000

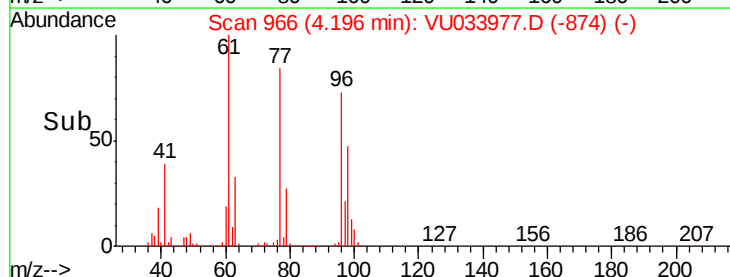
150000

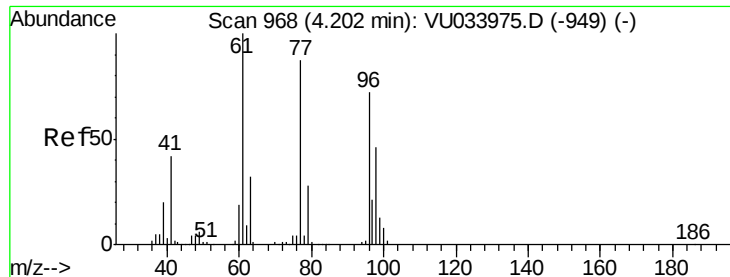
100000

50000

0

Time-->



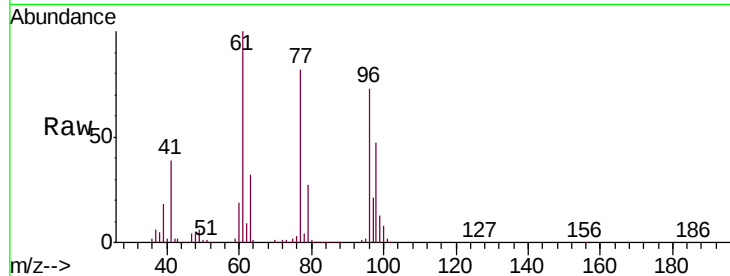


#27

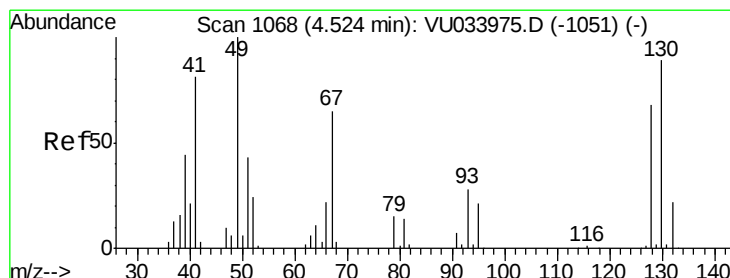
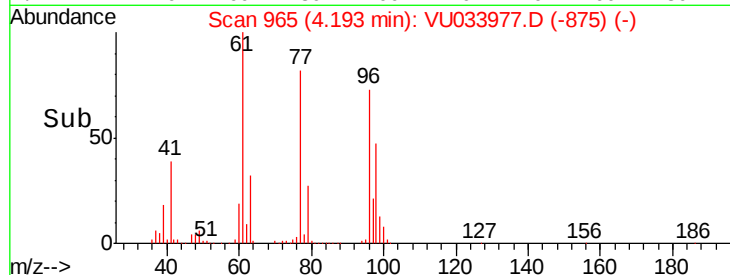
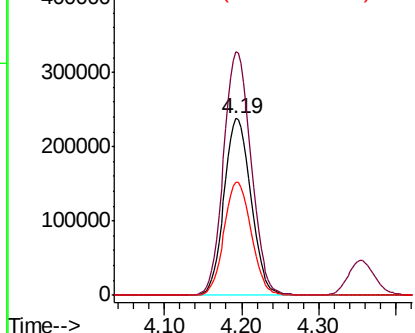
cis-1,2-Dichloroethene  
 Concen: 129.609 ug/l  
 RT: 4.19 min Scan# 965  
 Delta R.T. -0.01 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 141.0 | 0.0   | 287.2 |
| 98      | 64.7  | 0.0   | 131.8 |



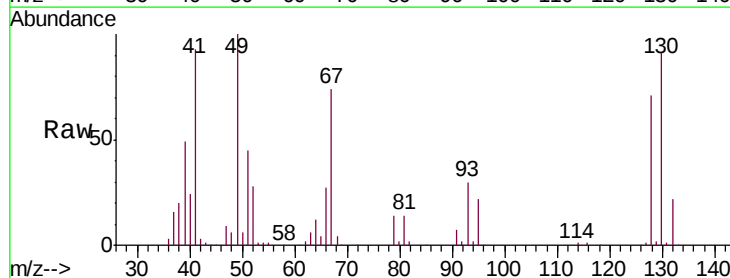
Abundance Ion 95.90 (95.60 to 96.60): VU0  
 Ion 60.90 (60.60 to 61.60): VU0  
 Ion 97.90 (97.60 to 98.60): VU0



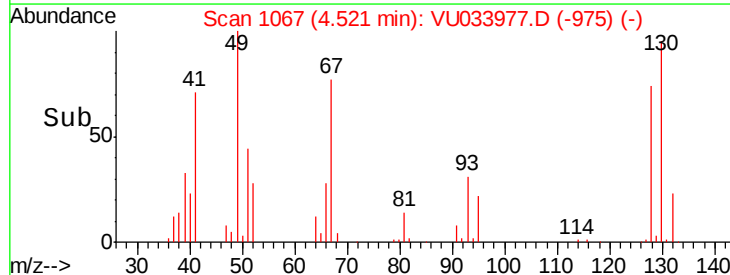
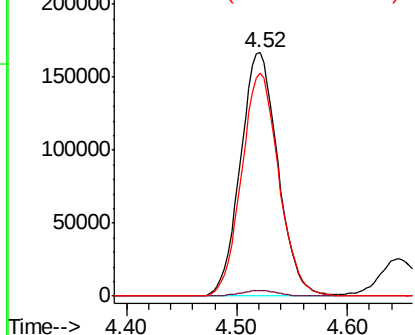
#28

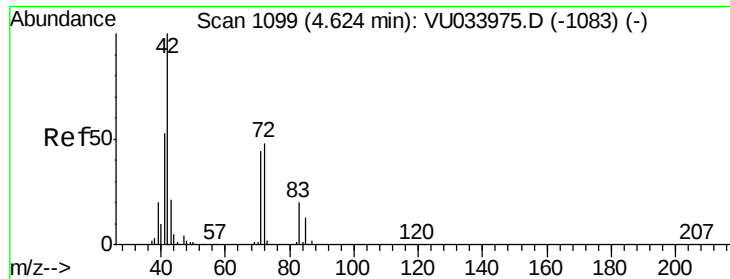
Bromochloromethane  
 Concen: 101.465 ug/l  
 RT: 4.52 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 4.6   |
| 130     | 91.2  | 71.0  | 106.6 |



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: 566.346 ug/l

RT: 4.61 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

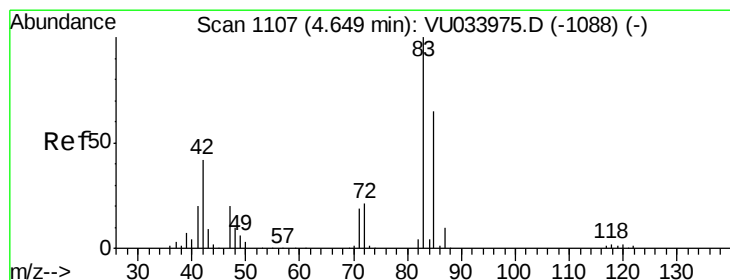
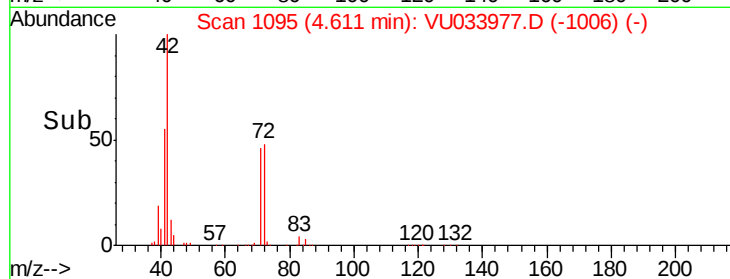
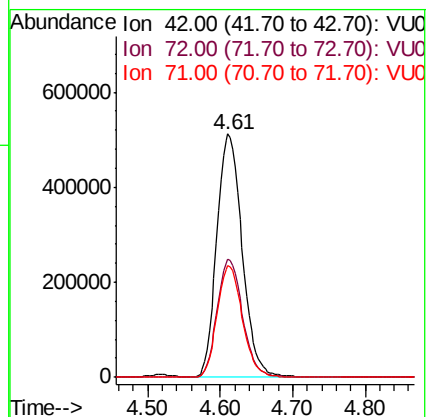
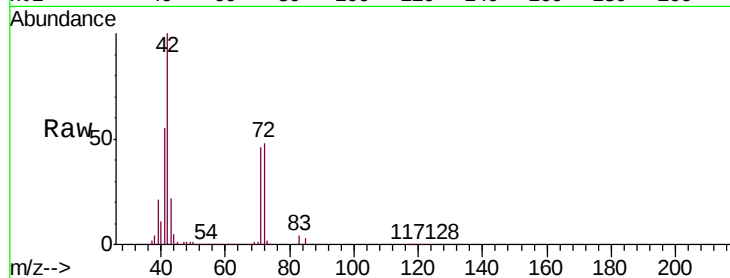
Tgt Ion: 42 Resp: 1238767

Ion Ratio Lower Upper

42 100

72 48.7 38.9 58.3

71 45.9 35.7 53.5



#30

Chloroform

Concen: 111.282 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033977.D

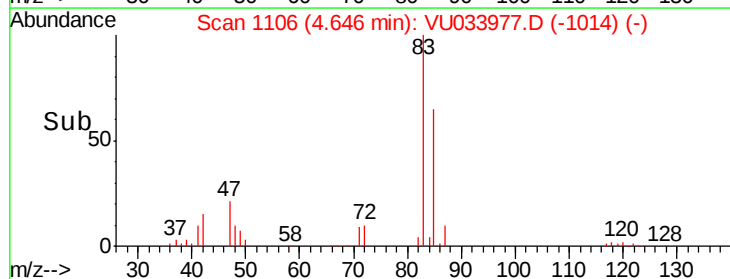
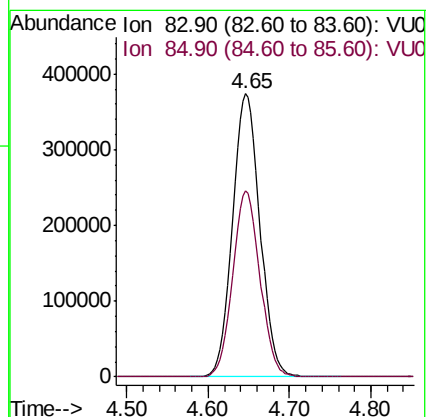
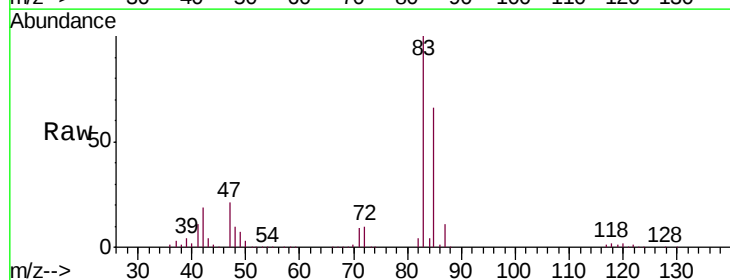
Acq: 27 Aug 2019 16:42

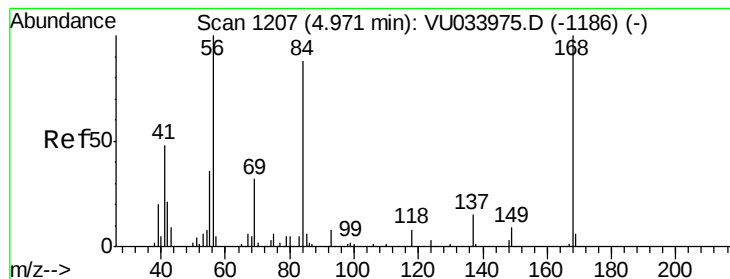
Tgt Ion: 83 Resp: 878225

Ion Ratio Lower Upper

83 100

85 65.7 52.1 78.1





#31

Cyclohexane

Concen: 115.488 ug/l

RT: 4.97 min Scan# 1206

Delta R.T. -0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

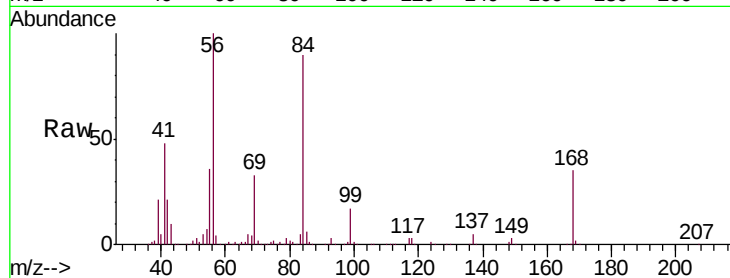
Tgt Ion: 56 Resp: 798508

Ion Ratio Lower Upper

56 100

69 32.5 25.9 38.9

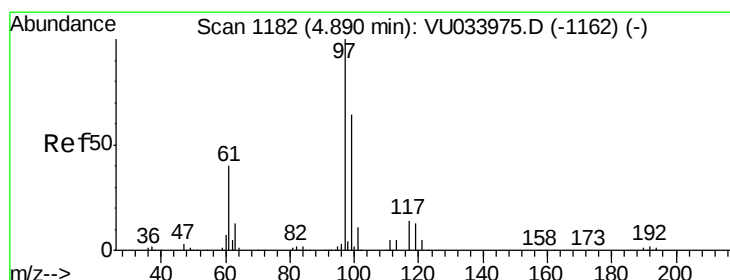
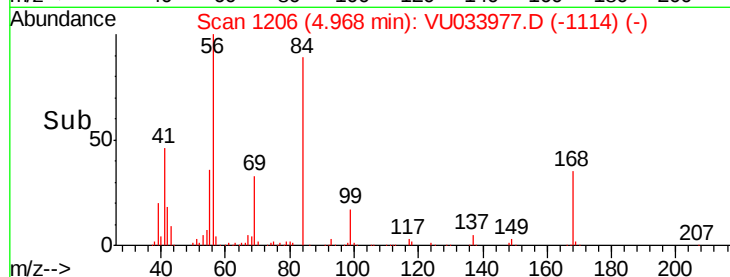
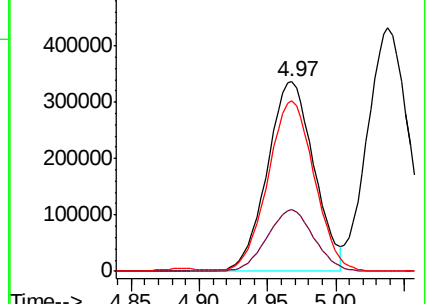
84 88.4 70.4 105.6



Abundance Ion 56.00 (55.70 to 56.70): VU033977.D (-1186) (-)

Ion 69.00 (68.70 to 69.70): VU033977.D (-1186) (-)

Ion 84.00 (83.70 to 84.70): VU033977.D (-1186) (-)



#32

1,1,1-Trichloroethane

Concen: 121.488 ug/l

RT: 4.89 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

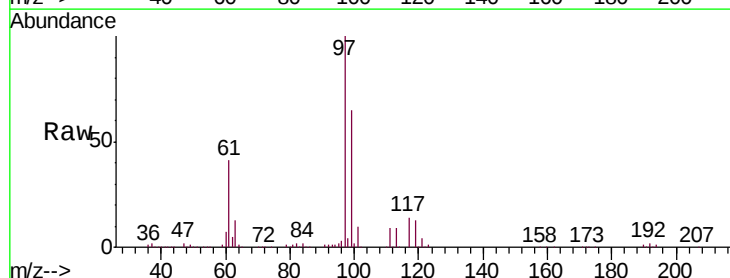
Tgt Ion: 97 Resp: 787001

Ion Ratio Lower Upper

97 100

99 64.3 51.6 77.4

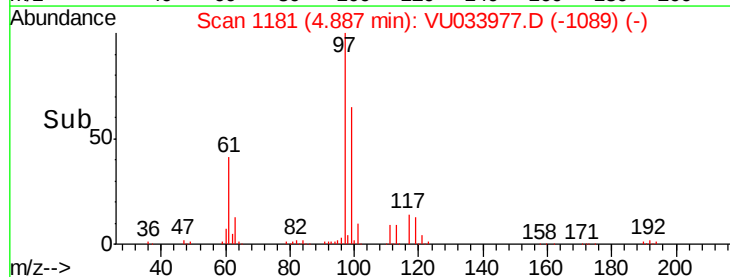
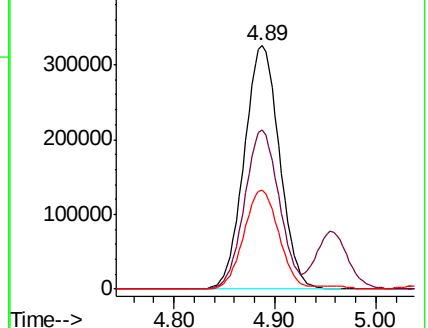
61 40.8 32.7 49.1

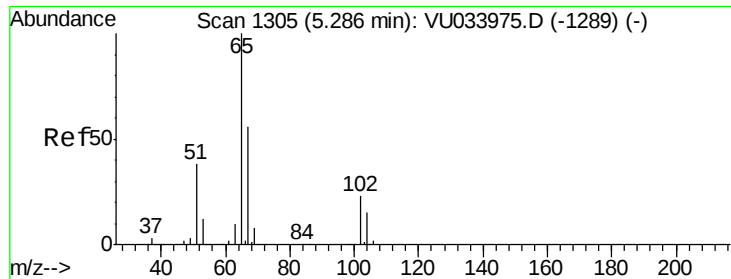


Abundance Ion 96.90 (96.60 to 97.60): VU033977.D (-1089) (-)

Ion 98.90 (98.60 to 99.60): VU033977.D (-1089) (-)

Ion 60.90 (60.60 to 61.60): VU033977.D (-1089) (-)





#33

1,2-Dichloroethane-d4

Concen: 113.184 ug/l

RT: 5.28 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

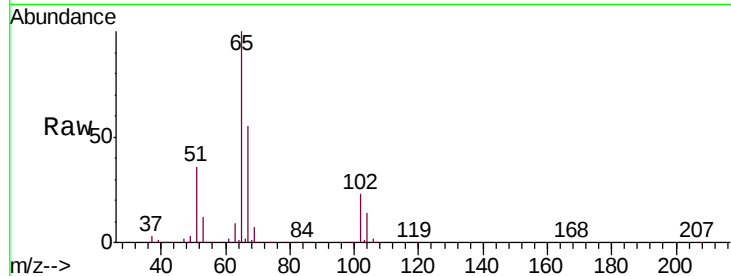
VSTDIC150

Tgt Ion: 65 Resp: 548700

Ion Ratio Lower Upper

65 100

67 54.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU033977.D (-1212) (-)

Ion 66.90 (66.60 to 67.60): VU033977.D (-1212) (-)

5.28

250000

200000

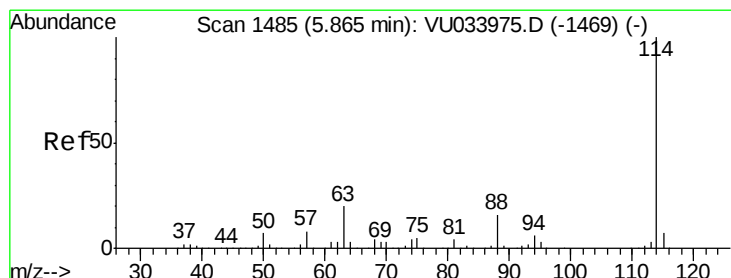
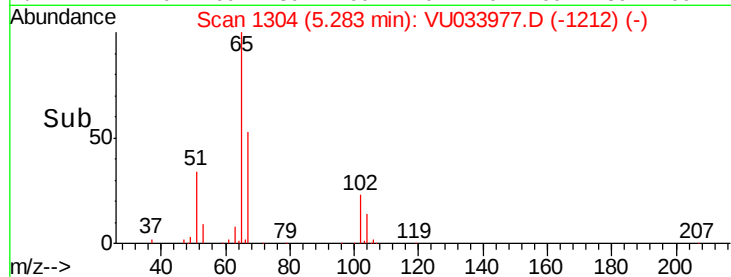
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

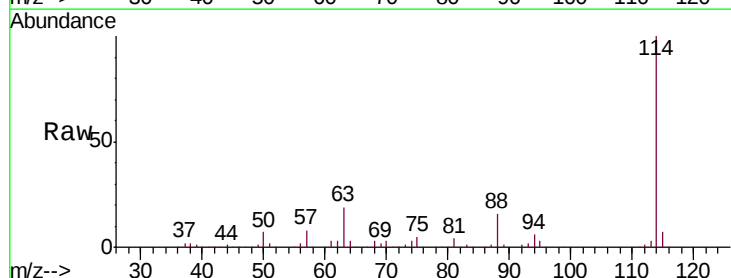
Tgt Ion: 114 Resp: 517394

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.0

88 15.6 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VU033977.D (-1392) (-)

Ion 63.00 (62.70 to 63.70): VU033977.D (-1392) (-)

Ion 87.90 (87.60 to 88.60): VU033977.D (-1392) (-)

5.86

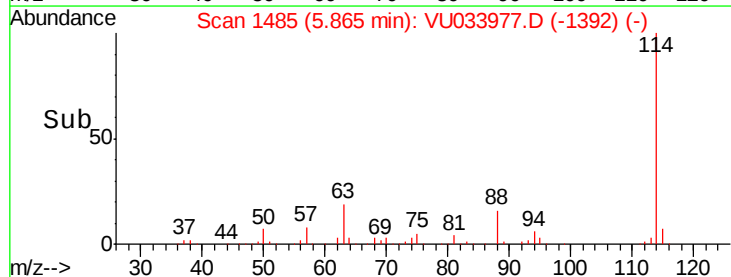
300000

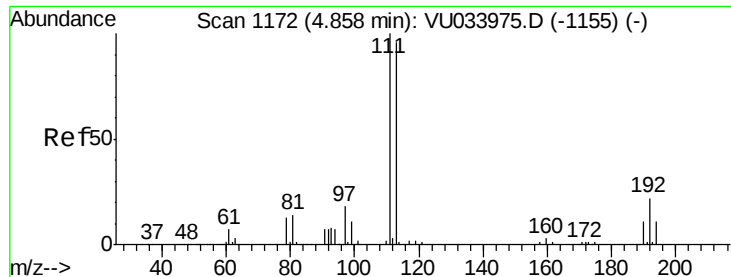
200000

100000

0

Time-->

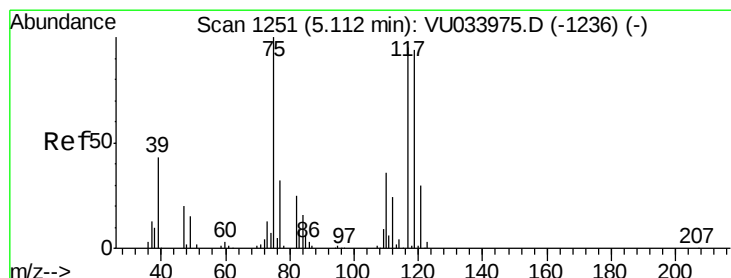
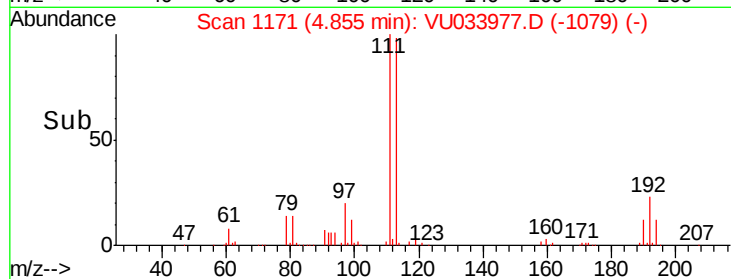
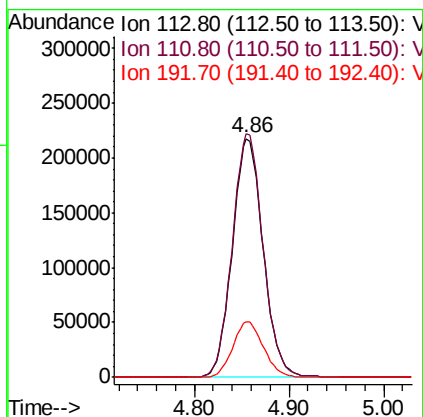
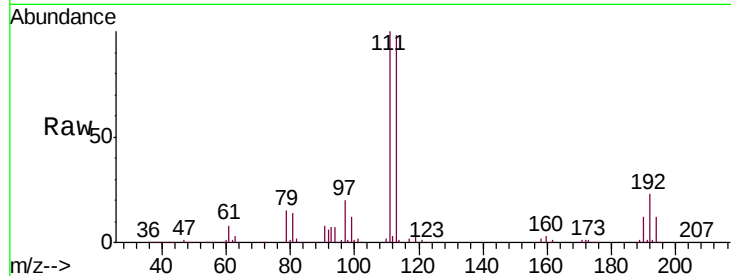




#35  
 Dibromofluoromethane  
 Concen: 135.133 ug/l  
 RT: 4.86 min Scan# 1171  
 Delta R.T. -0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

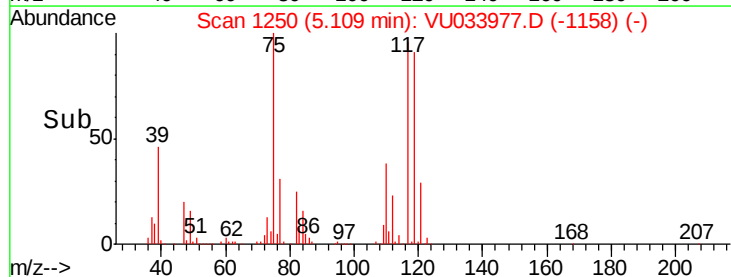
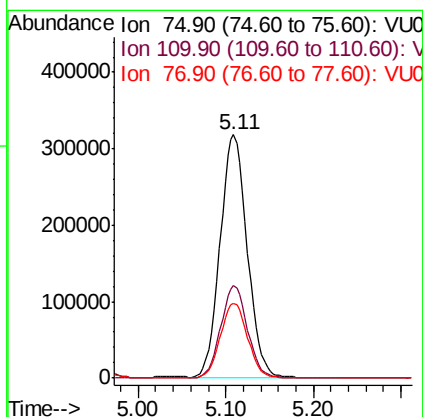
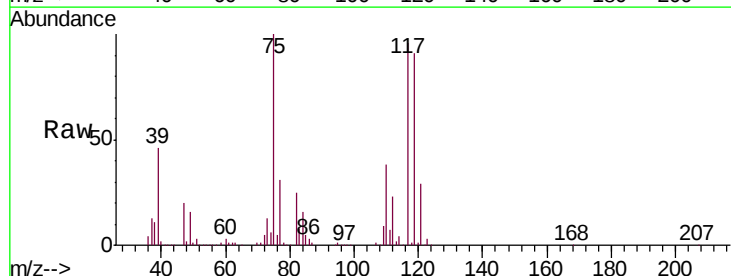
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

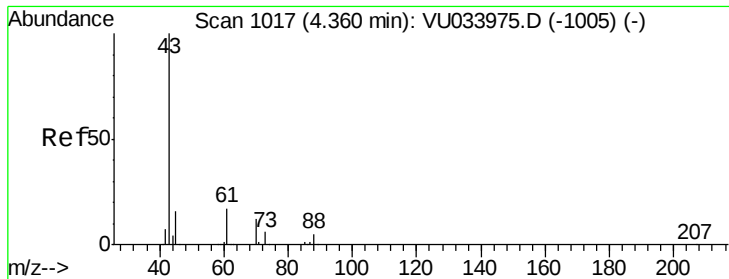
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 81.7  | 122.5 |
| 192     | 23.3  | 18.6  | 27.8  |



#36  
 1,1-Dichloropropene  
 Concen: 130.866 ug/l  
 RT: 5.11 min Scan# 1250  
 Delta R.T. -0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.5  | 18.2  | 54.6  |
| 77      | 30.6  | 24.8  | 37.2  |

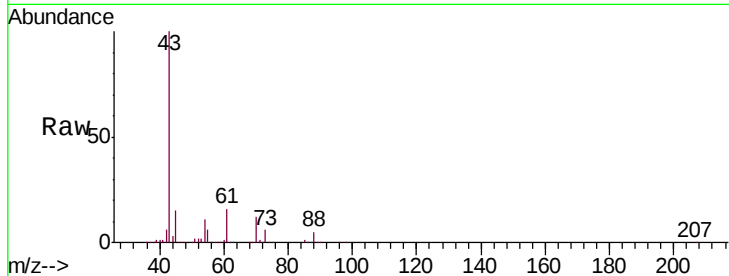




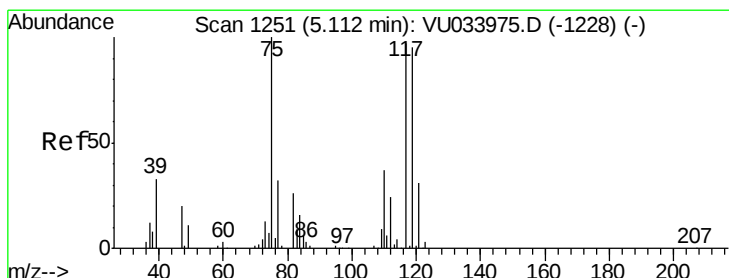
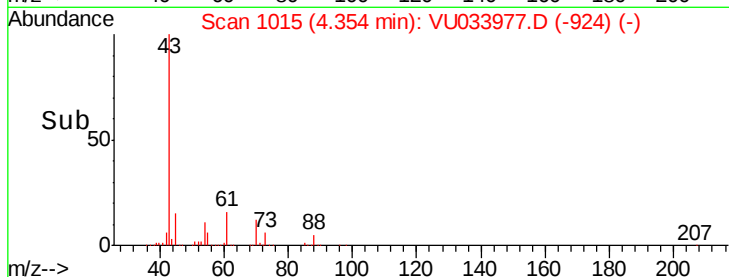
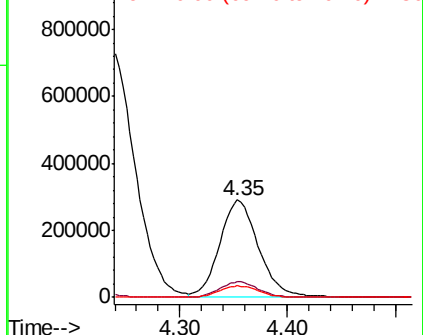
#37  
 Ethyl Acetate  
 Concen: 118.328 ug/l  
 RT: 4.35 min Scan# 1015  
 Delta R.T. -0.01 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

Tgt Ion: 43 Resp: 718047  
 Ion Ratio Lower Upper  
 43 100  
 61 15.7 12.0 18.0  
 70 11.8 9.2 13.8

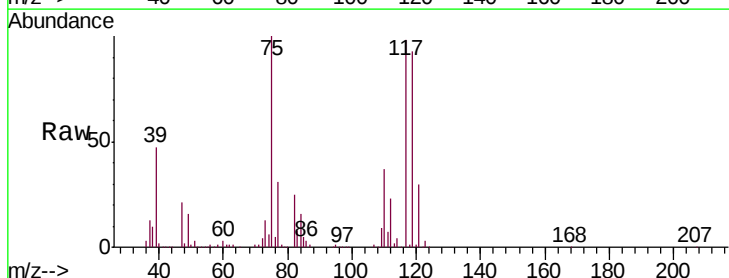


Abundance Ion 43.00 (42.70 to 43.70): VU0  
 Ion 60.90 (60.60 to 61.60): VU0  
 Ion 70.00 (69.70 to 70.70): VU0

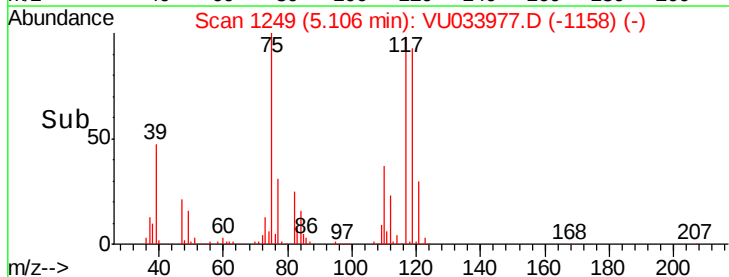
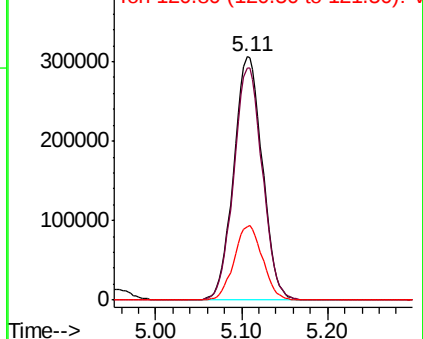


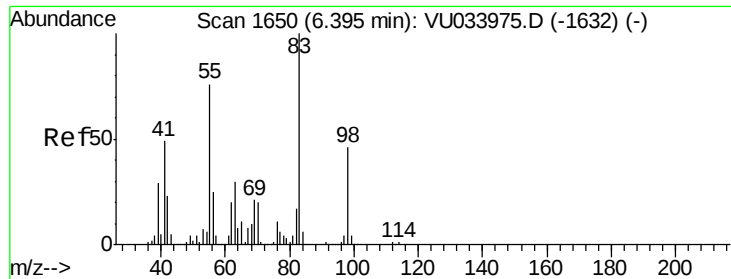
#38  
 Carbon Tetrachloride  
 Concen: 134.571 ug/l  
 RT: 5.11 min Scan# 1249  
 Delta R.T. -0.01 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Tgt Ion: 117 Resp: 708119  
 Ion Ratio Lower Upper  
 117 100  
 119 95.4 78.4 117.6  
 121 30.3 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V  
 Ion 118.80 (118.50 to 119.50): V  
 Ion 120.80 (120.50 to 121.50): V

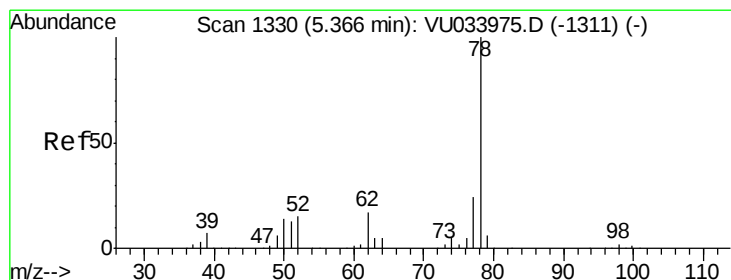
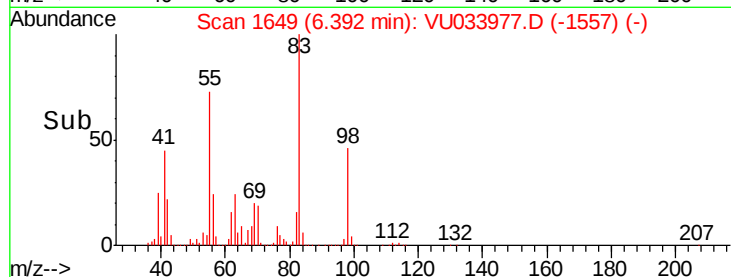
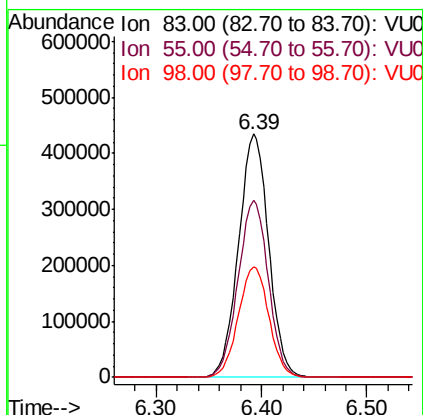
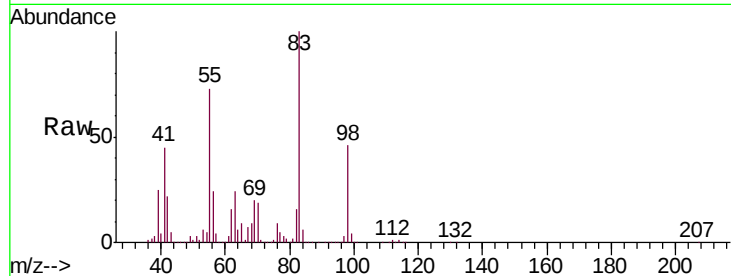




#39  
Methylcyclohexane  
Concen: 147.980 ug/l  
RT: 6.39 min Scan# 1649  
Delta R.T. -0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

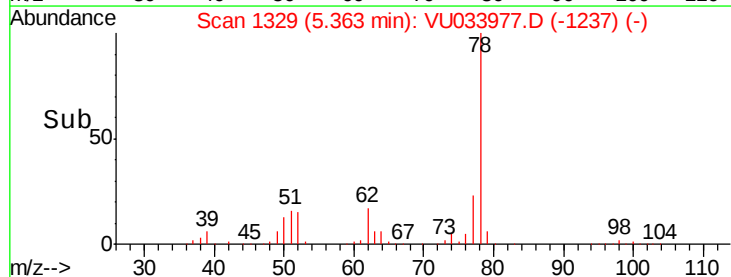
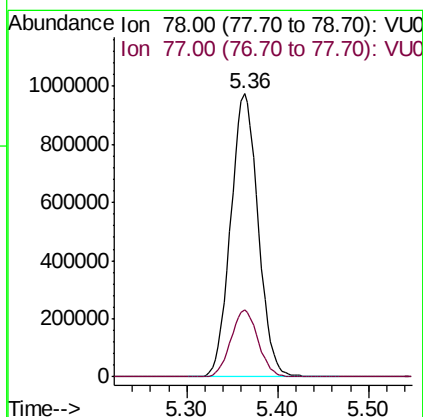
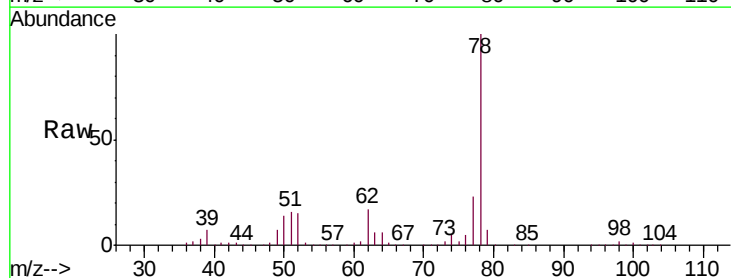
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

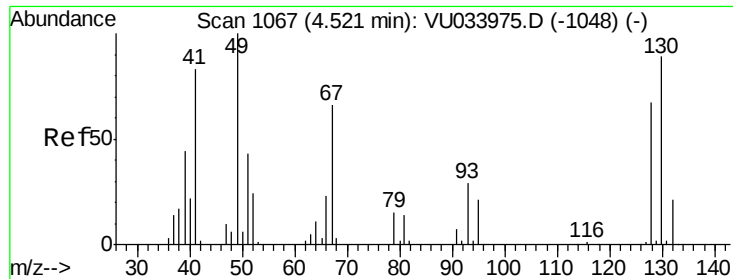
Tgt Ion: 83 Resp: 861462  
Ion Ratio Lower Upper  
83 100  
55 73.0 60.8 91.2  
98 45.6 36.5 54.7



#40  
Benzene  
Concen: 131.459 ug/l  
RT: 5.36 min Scan# 1329  
Delta R.T. -0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

Tgt Ion: 78 Resp: 2042844  
Ion Ratio Lower Upper  
78 100  
77 23.5 19.2 28.8





#41

Methacrylonitrile

Concen: 128.585 ug/l

RT: 4.52 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 391486

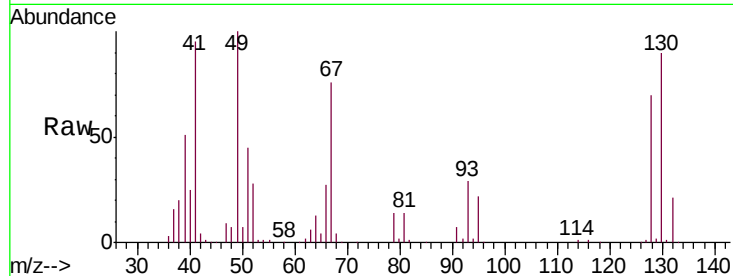
Ion Ratio Lower Upper

41 100

39 52.5 41.5 62.3

67 80.6 65.0 97.6

52 29.9 23.3 34.9



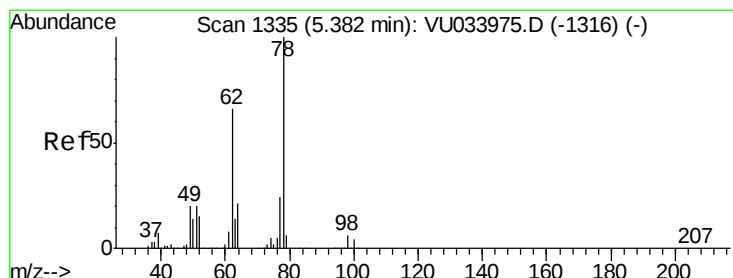
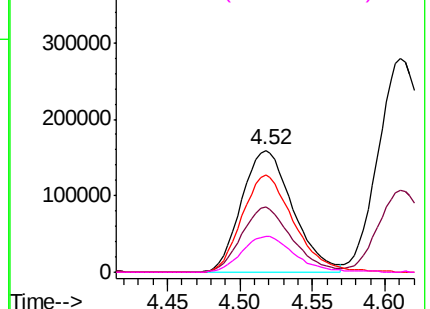
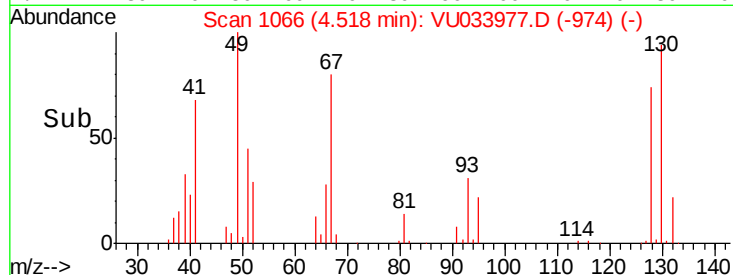
Abundance

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: 119.455 ug/l

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU033977.D

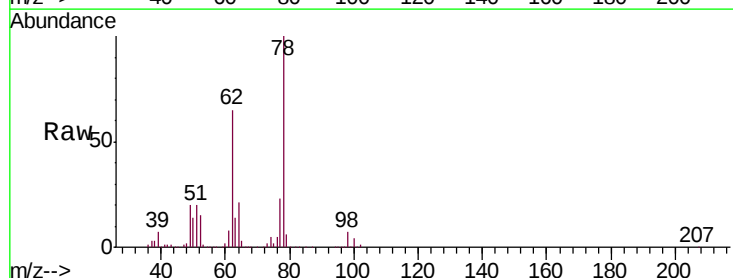
Acq: 27 Aug 2019 16:42

Tgt Ion: 62 Resp: 678442

Ion Ratio Lower Upper

62 100

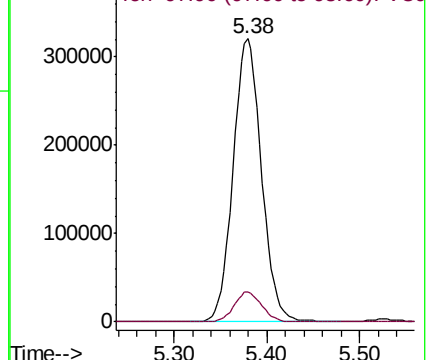
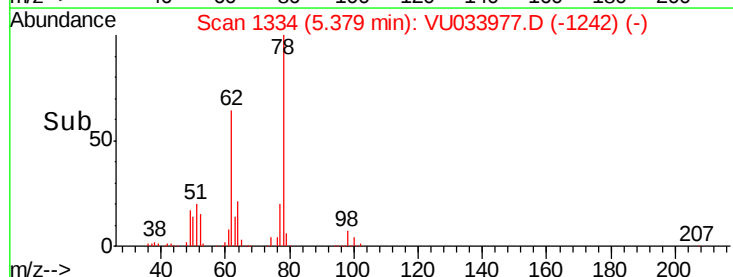
98 10.3 0.0 20.0

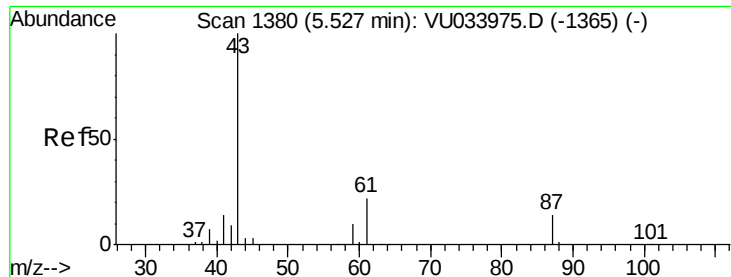


Abundance

Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0





#43

Isopropyl Acetate

Concen: 130.997 ug/l

RT: 5.53 min Scan# 1380

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

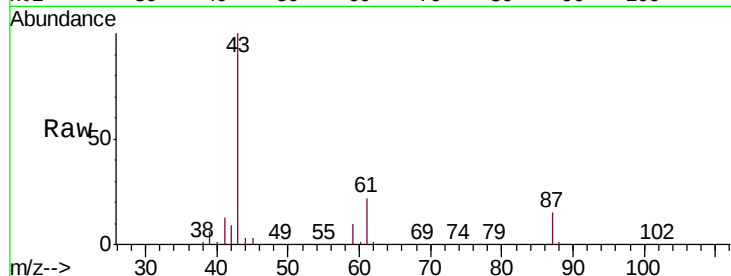
Tgt Ion: 43 Resp: 1162666

Ion Ratio Lower Upper

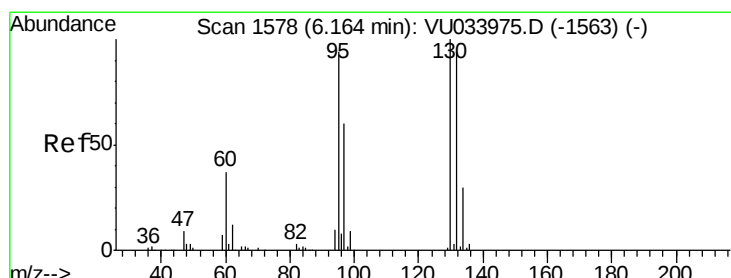
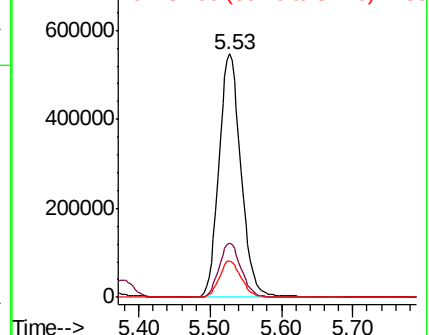
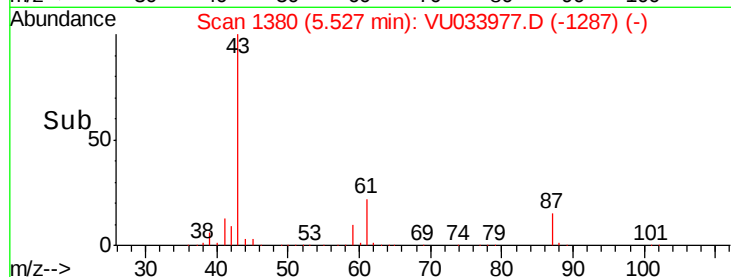
43 100

61 22.4 17.8 26.8

87 15.0 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VU033977.D (-1287) (-)



#44

Trichloroethene

Concen: 142.651 ug/l

RT: 6.16 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VU033977.D

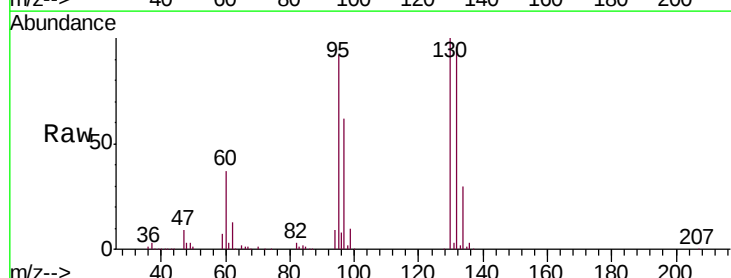
Acq: 27 Aug 2019 16:42

Tgt Ion: 130 Resp: 585485

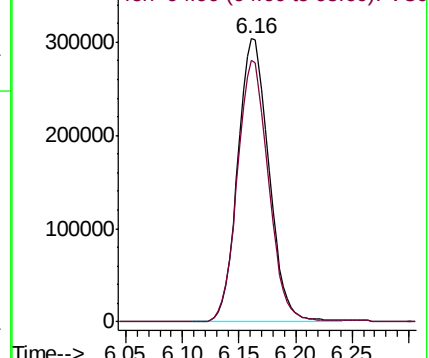
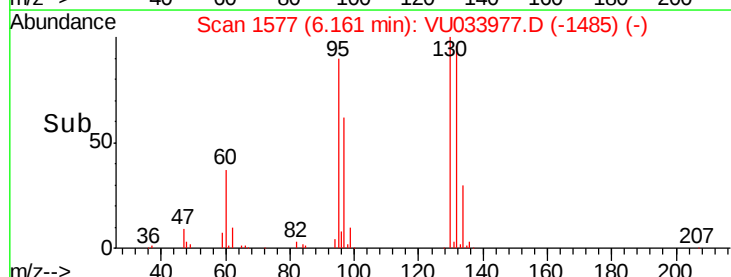
Ion Ratio Lower Upper

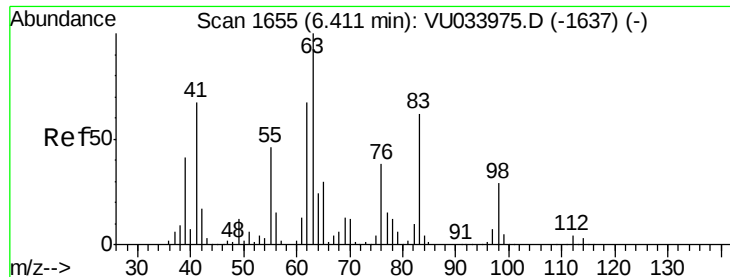
130 100

95 92.3 0.0 187.6



Abundance Ion 129.80 (129.50 to 130.50): VU033977.D (-1485) (-)

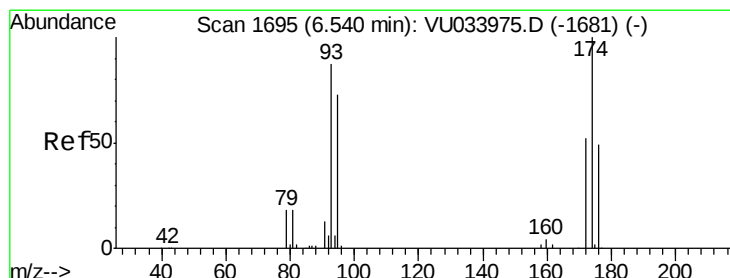
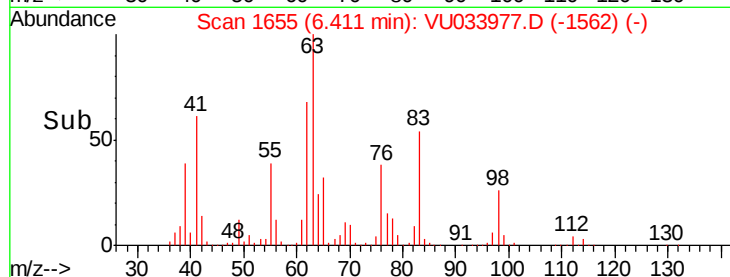
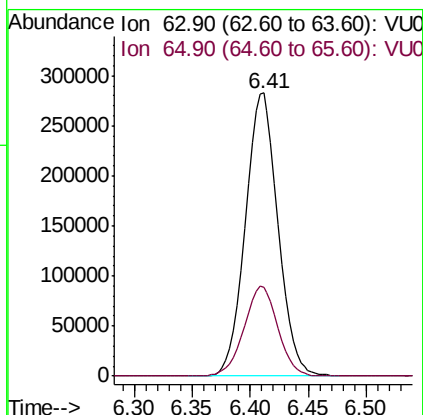
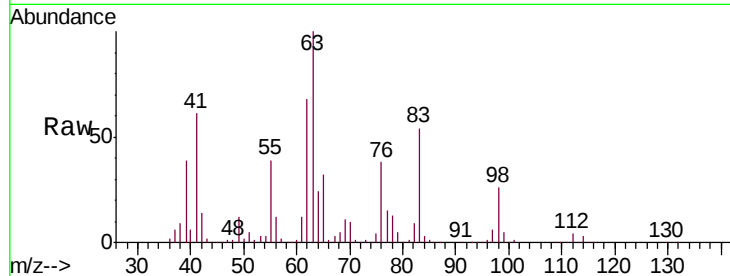




#45  
 1,2-Dichloropropane  
 Concen: 129.273 ug/l  
 RT: 6.41 min Scan# 1655  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

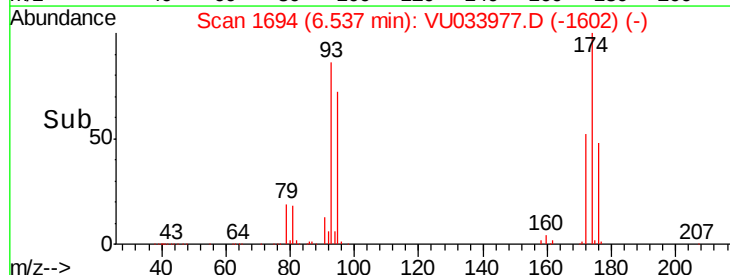
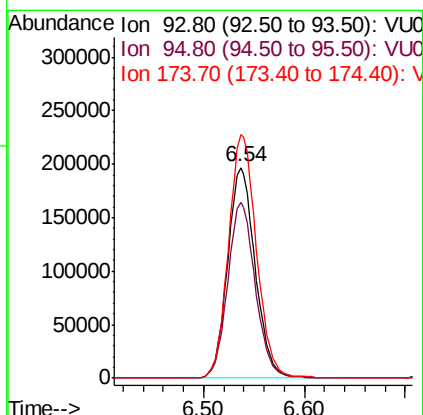
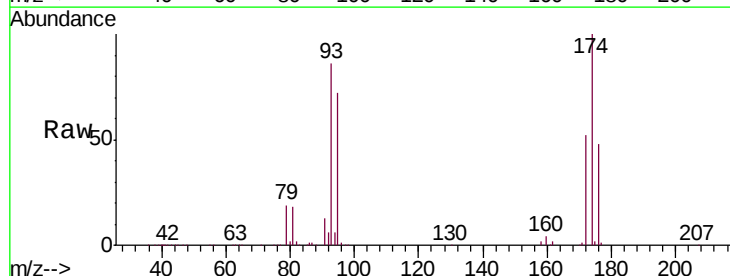
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

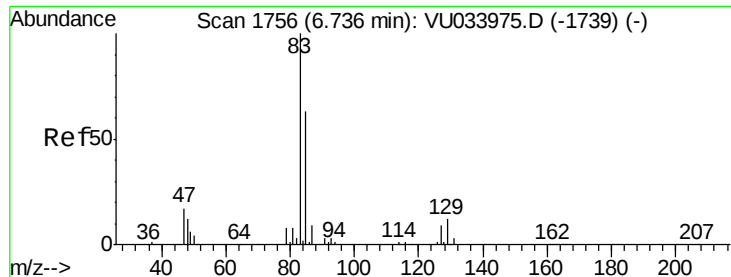
Tgt Ion: 63 Resp: 553971  
 Ion Ratio Lower Upper  
 63 100  
 65 31.5 24.3 36.5



#46  
 Dibromomethane  
 Concen: 135.117 ug/l  
 RT: 6.54 min Scan# 1694  
 Delta R.T. -0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Tgt Ion: 93 Resp: 375682  
 Ion Ratio Lower Upper  
 93 100  
 95 83.3 66.2 99.4  
 174 117.1 92.2 138.2





#47

Bromodichloromethane

Concen: 131.866 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

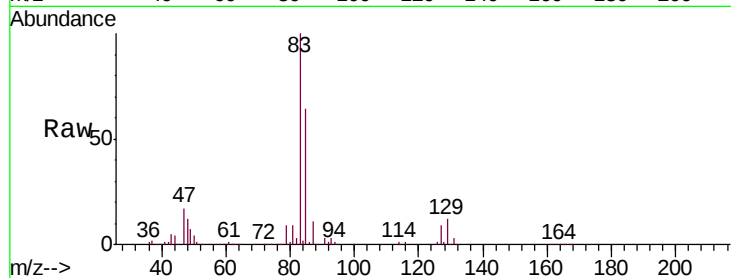
Tgt Ion: 83 Resp: 735549

Ion Ratio Lower Upper

83 100

85 64.4 50.6 76.0

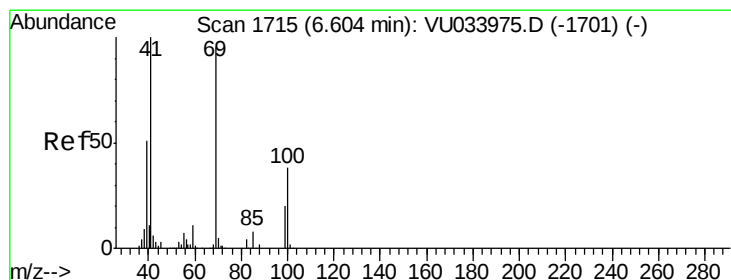
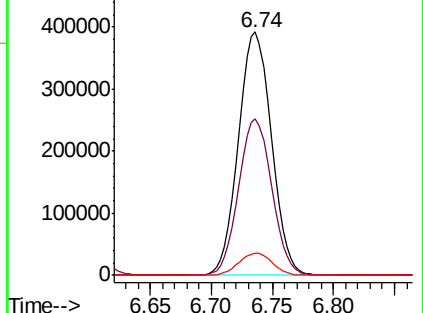
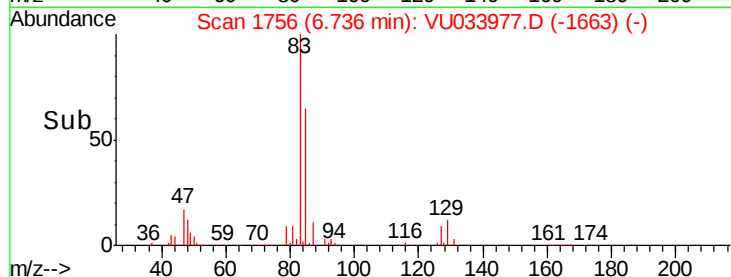
127 9.1 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VU033977.D (-1663) (-)

Ion 84.90 (84.60 to 85.60): VU033977.D (-1663) (-)

Ion 126.80 (126.50 to 127.50): VU033977.D (-1663) (-)



#48

Methyl methacrylate

Concen: 144.108 ug/l

RT: 6.60 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

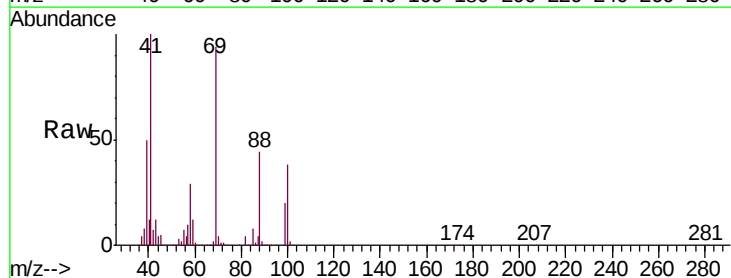
Tgt Ion: 41 Resp: 574703

Ion Ratio Lower Upper

41 100

69 95.1 76.3 114.5

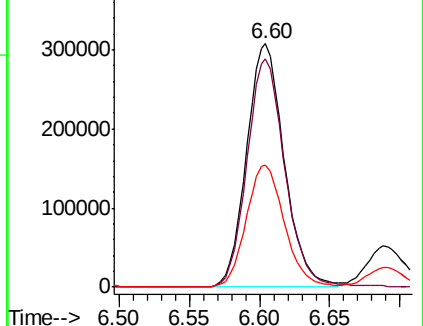
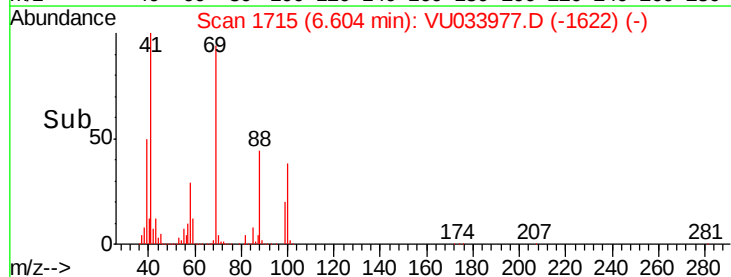
39 50.4 41.1 61.7

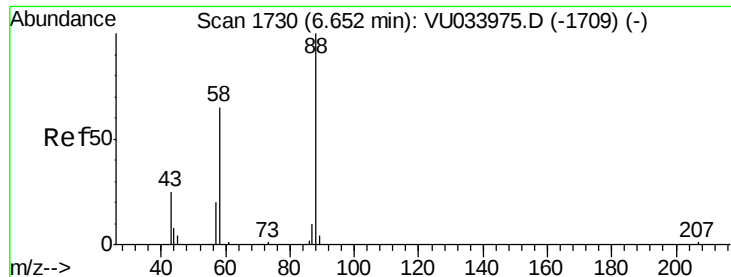


Abundance Ion 41.00 (40.70 to 41.70): VU033977.D (-1622) (-)

Ion 69.00 (68.70 to 69.70): VU033977.D (-1622) (-)

Ion 39.00 (38.70 to 39.70): VU033977.D (-1622) (-)

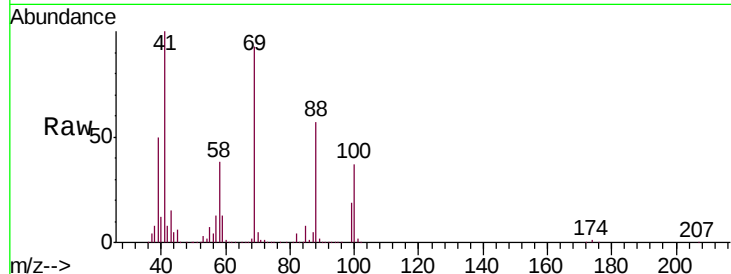




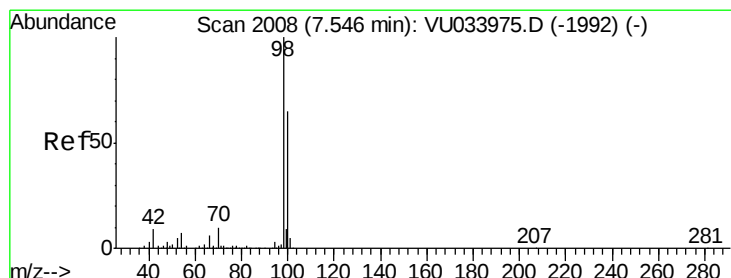
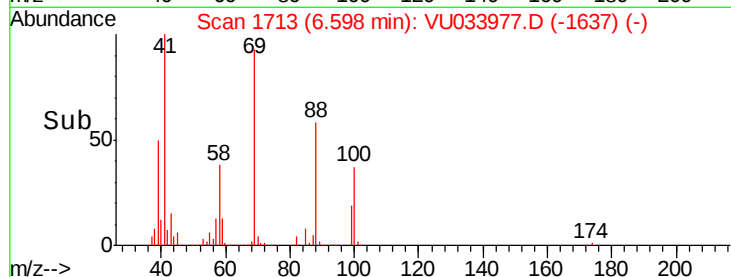
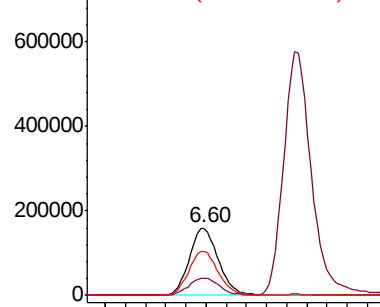
#49  
 1,4-Dioxane  
 Concen: 3367.246 ug/l  
 RT: 6.60 min Scan# 1713  
 Delta R.T. -0.05 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

Tgt Ion: 88 Resp: 317120  
 Ion Ratio Lower Upper  
 88 100  
 43 27.2 0.0 0.0#  
 58 67.0 56.6 85.0

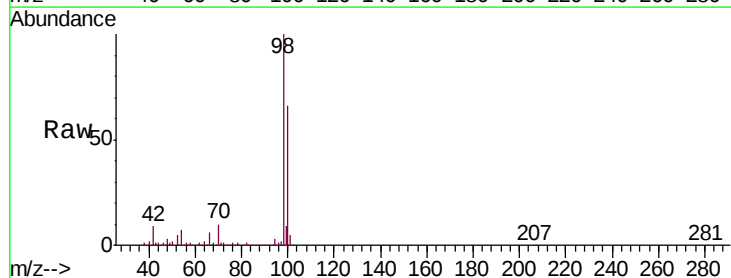


Abundance Ion 88.00 (87.70 to 88.70): VU0  
 Ion 43.00 (42.70 to 43.70): VU0  
 Ion 58.00 (57.70 to 58.70): VU0

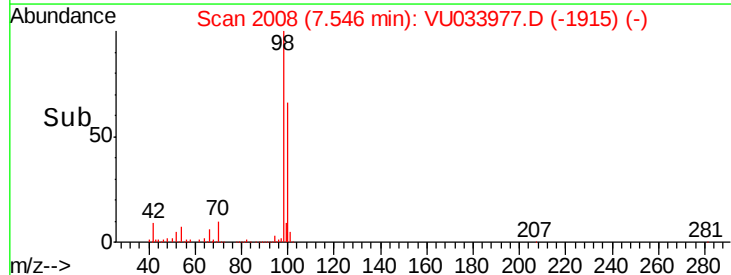
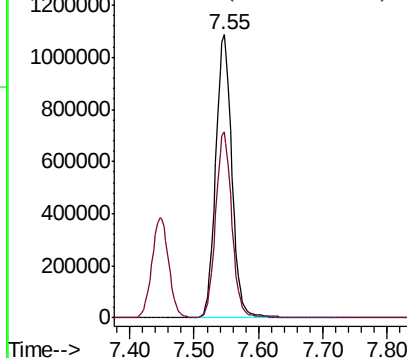


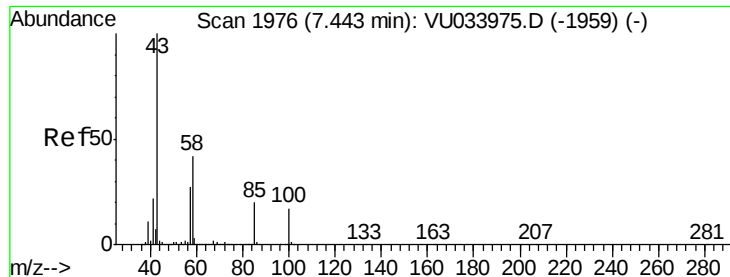
#50  
 Toluene-d8  
 Concen: 141.638 ug/l  
 RT: 7.55 min Scan# 2008  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Tgt Ion: 98 Resp: 1904551  
 Ion Ratio Lower Upper  
 98 100  
 100 65.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VU0  
 Ion 100.00 (99.70 to 100.70): VU0

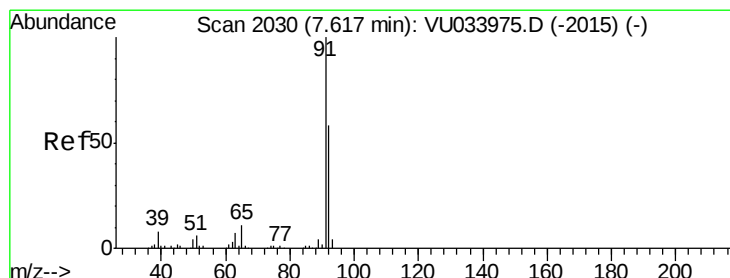
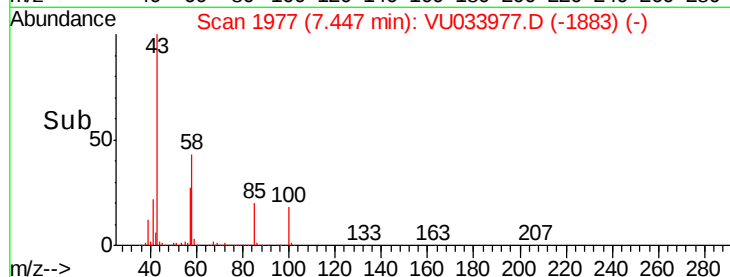
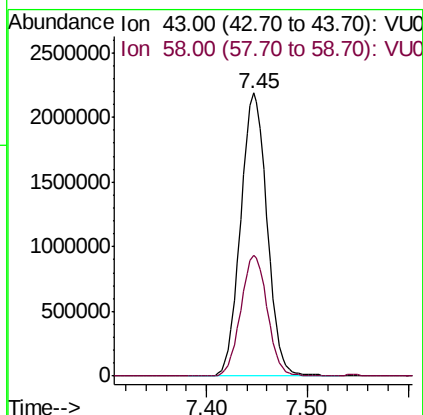
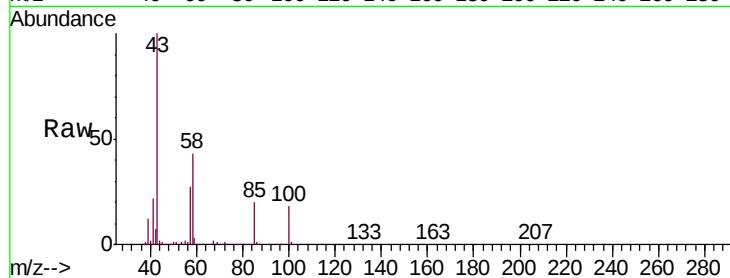




#51  
 4-Methyl-2-Pentanone  
 Concen: 659.359 ug/l  
 RT: 7.45 min Scan# 1977  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

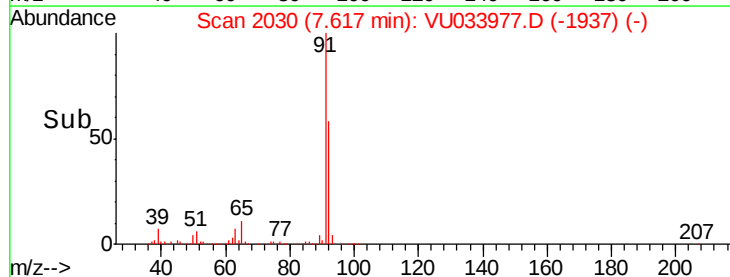
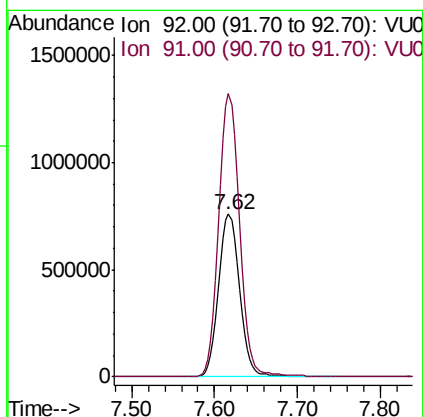
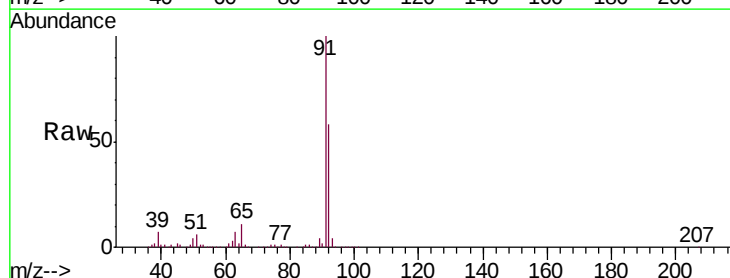
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

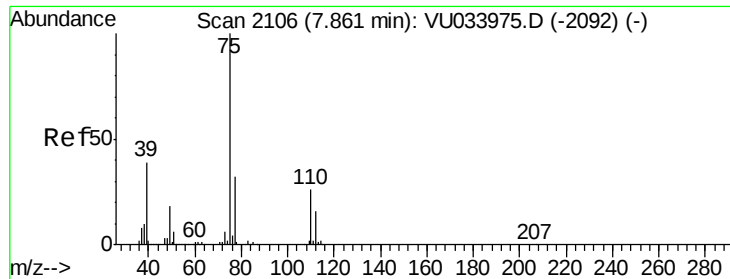
Tgt Ion: 43 Resp: 3963405  
 Ion Ratio Lower Upper  
 43 100  
 58 42.8 33.6 50.4



#52  
 Toluene  
 Concen: 147.516 ug/l  
 RT: 7.62 min Scan# 2030  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Tgt Ion: 92 Resp: 1338926  
 Ion Ratio Lower Upper  
 92 100  
 91 172.8 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 152.108 ug/l

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

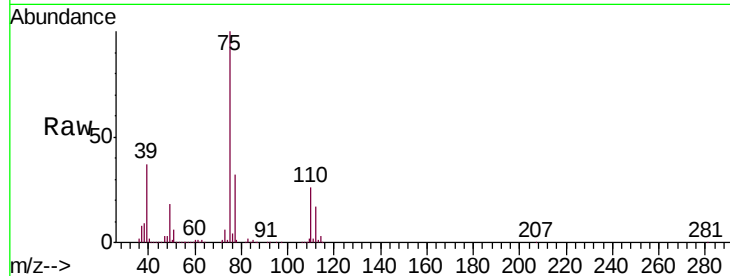
VSTDIC150

Tgt Ion: 75 Resp: 878892

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VU033977.D (-2092) (-)

Ion 76.90 (76.60 to 77.60): VU033977.D (-2092) (-)

7.86

600000

500000

400000

300000

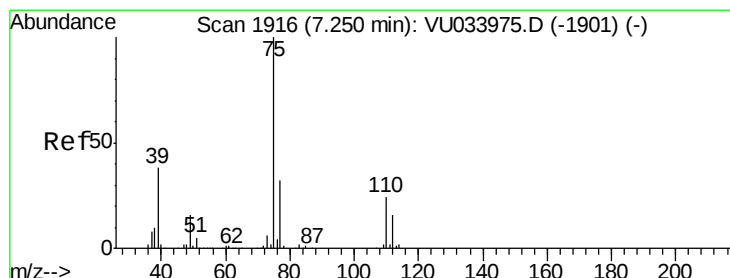
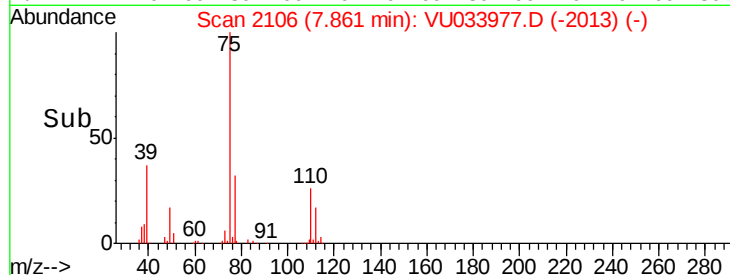
200000

100000

0

7.80 7.90 8.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 143.786 ug/l

RT: 7.25 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

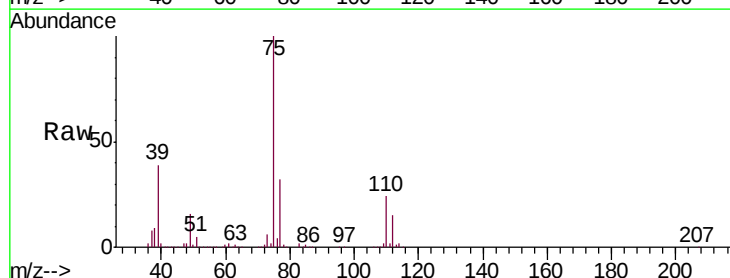
Tgt Ion: 75 Resp: 925578

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 38.7 30.7 46.1



Abundance Ion 74.90 (74.60 to 75.60): VU033977.D (-1901) (-)

Ion 76.90 (76.60 to 77.60): VU033977.D (-1901) (-)

Ion 39.00 (38.70 to 39.70): VU033977.D (-1901) (-)

7.25

600000

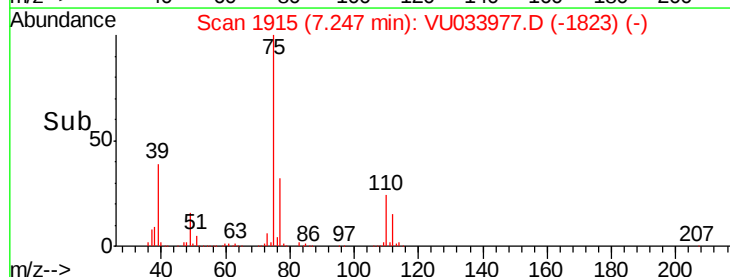
400000

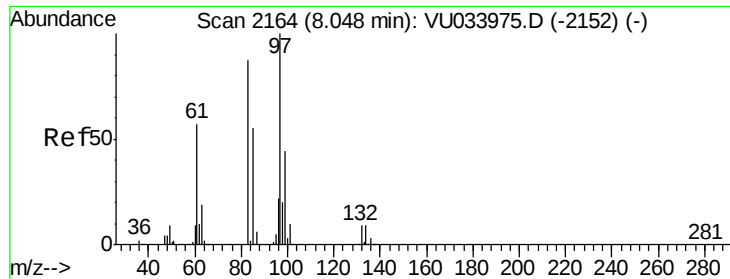
200000

0

7.20 7.30 7.40

Time-->

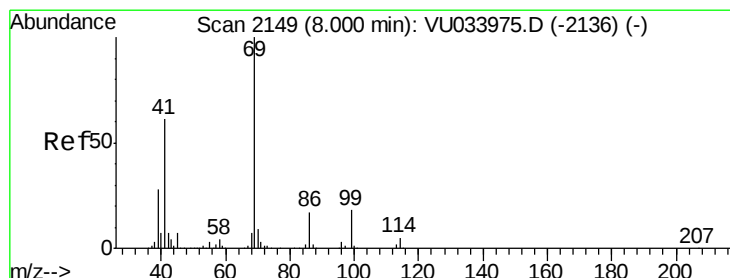
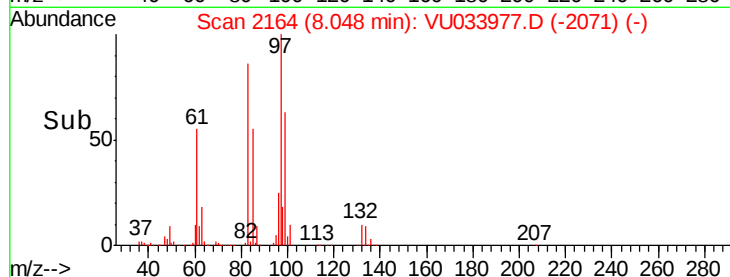
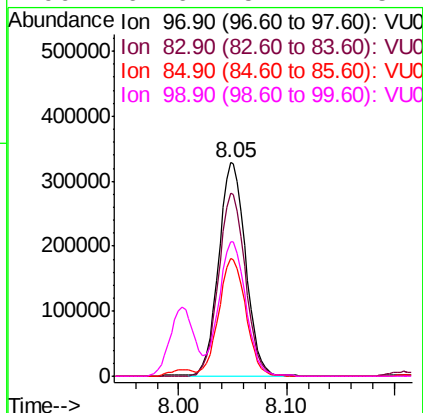
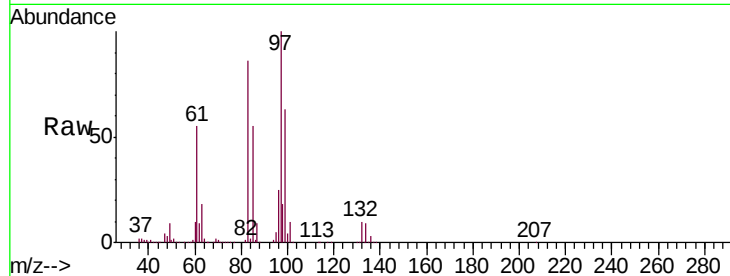




#55  
 1,1,2-Trichloroethane  
 Concen: 143.405 ug/l  
 RT: 8.05 min Scan# 2164  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

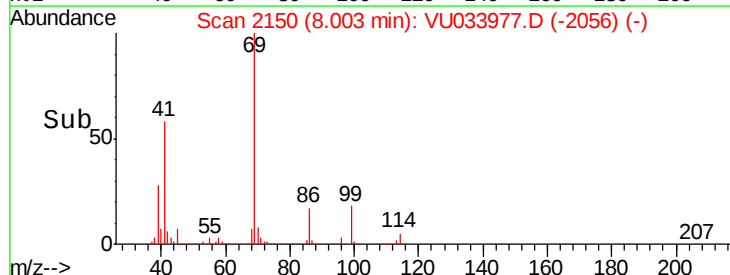
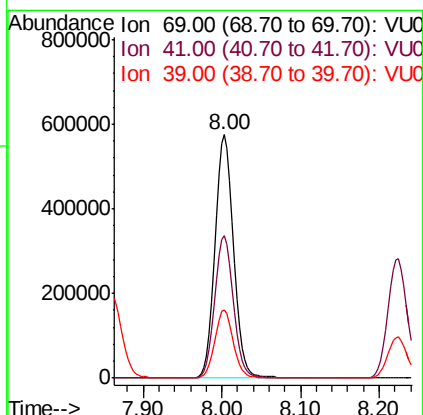
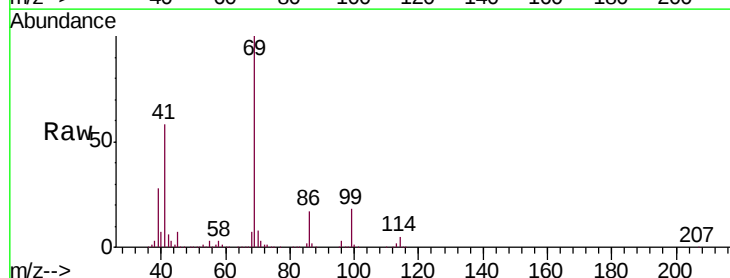
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

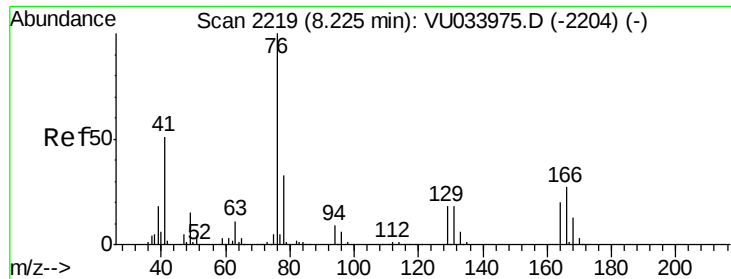
| Tgt Ion: | 97    | Resp: | 570743 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.7  | 69.8  | 104.6  |
| 85       | 55.0  | 45.2  | 67.8   |
| 99       | 62.6  | 52.2  | 78.4   |



#56  
 Ethyl methacrylate  
 Concen: 173.033 ug/l  
 RT: 8.00 min Scan# 2150  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

| Tgt Ion: | 69    | Resp: | 935548 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 58.7  | 48.6  | 72.8   |
| 39       | 27.7  | 22.4  | 33.6   |

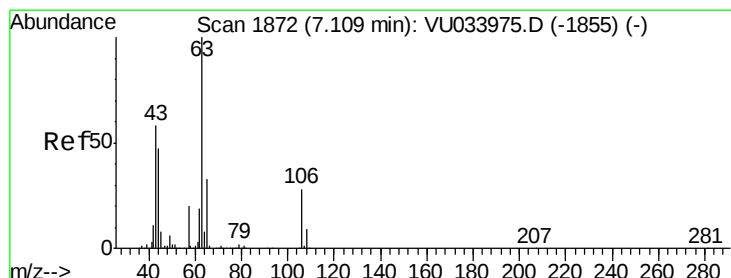
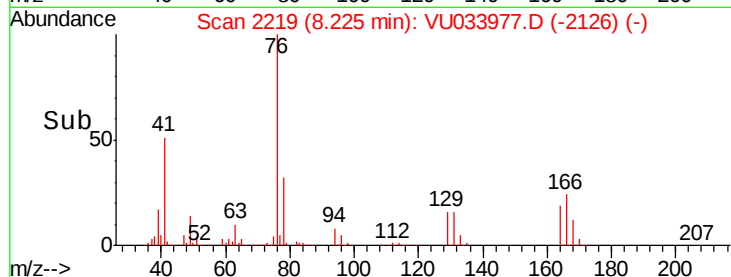
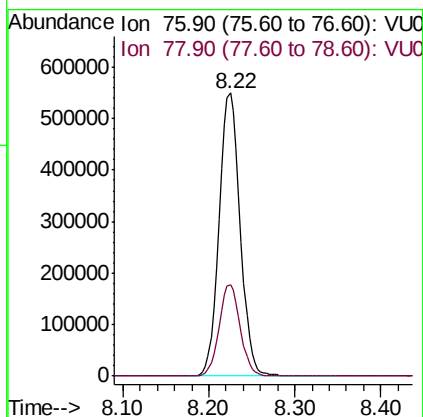
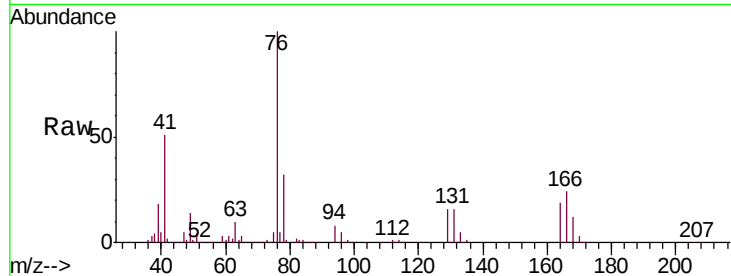




#57  
 1,3-Dichloropropane  
 Concen: 135.784 ug/l  
 RT: 8.22 min Scan# 2219  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

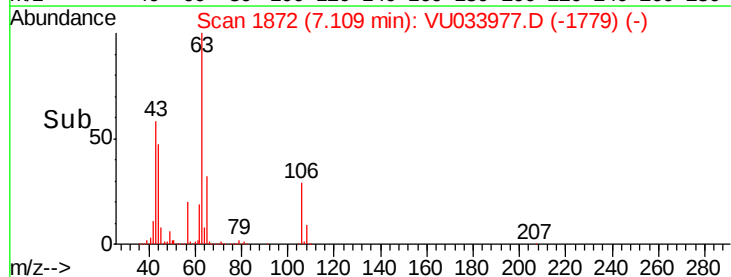
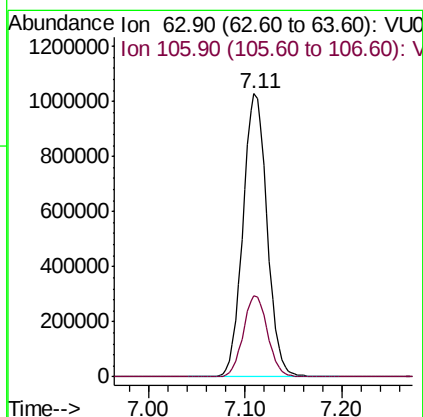
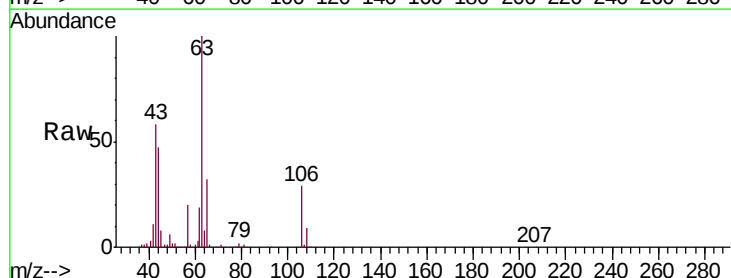
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

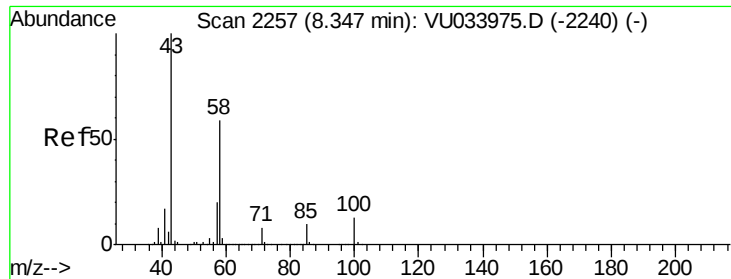
Tgt Ion: 76 Resp: 934285  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 25.7 38.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 924.130 ug/l  
 RT: 7.11 min Scan# 1872  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Tgt Ion: 63 Resp: 1783615  
 Ion Ratio Lower Upper  
 63 100  
 106 28.8 22.4 33.6

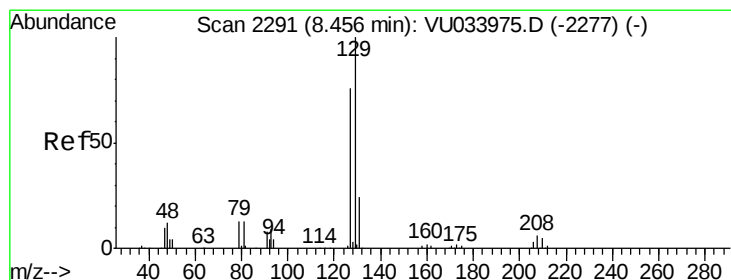
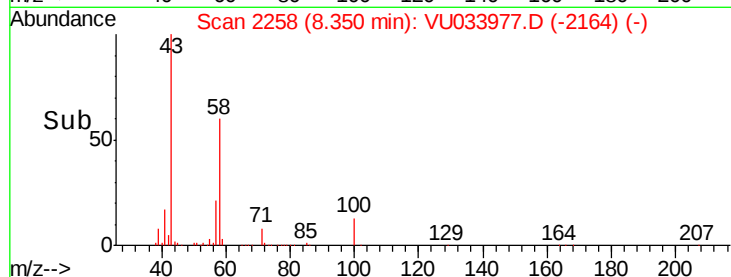
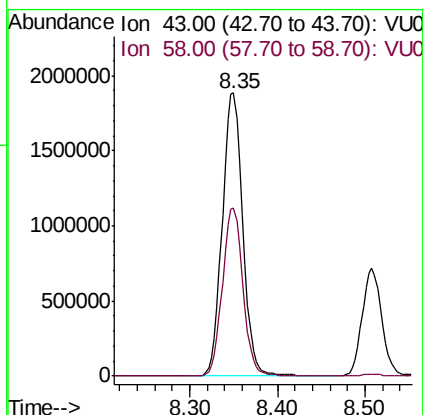
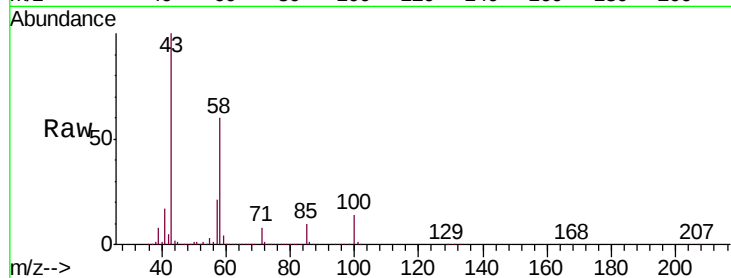




#59  
2-Hexanone  
Concen: 669.594 ug/l  
RT: 8.35 min Scan# 2258  
Delta R.T. 0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

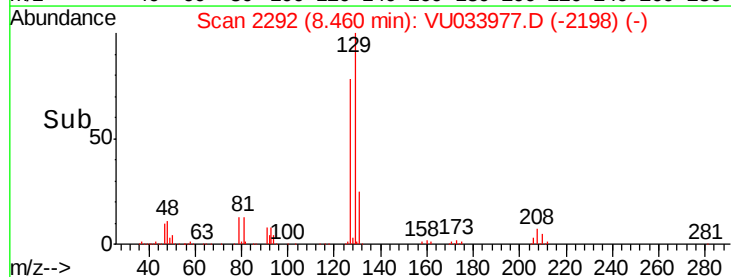
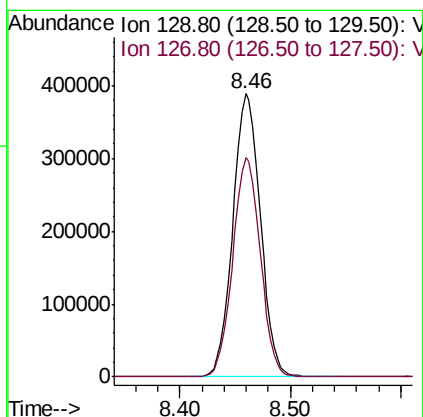
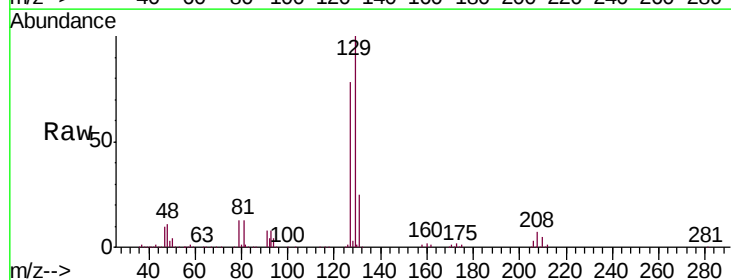
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

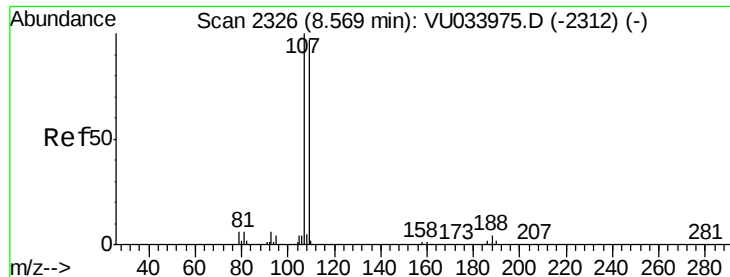
Tgt Ion: 43 Resp: 3069365  
Ion Ratio Lower Upper  
43 100  
58 59.5 29.5 88.6



#60  
Dibromochloromethane  
Concen: 160.896 ug/l  
RT: 8.46 min Scan# 2292  
Delta R.T. 0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

Tgt Ion: 129 Resp: 675905  
Ion Ratio Lower Upper  
129 100  
127 77.2 38.8 116.4





#61

1,2-Dibromoethane

Concen: 148.708 ug/l

RT: 8.57 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

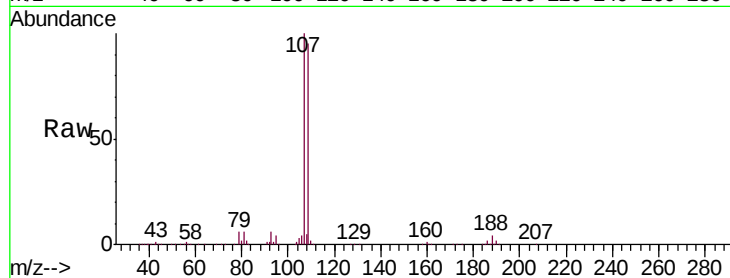
VSTDIC150

Tgt Ion: 107 Resp: 615189

Ion Ratio Lower Upper

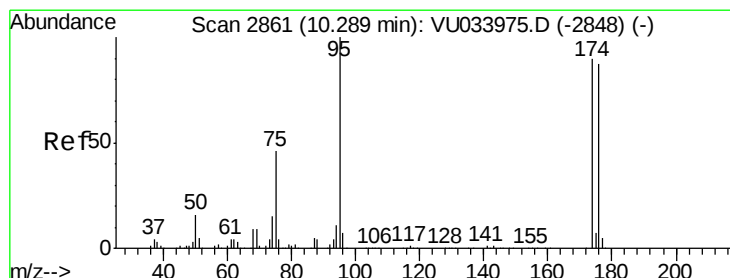
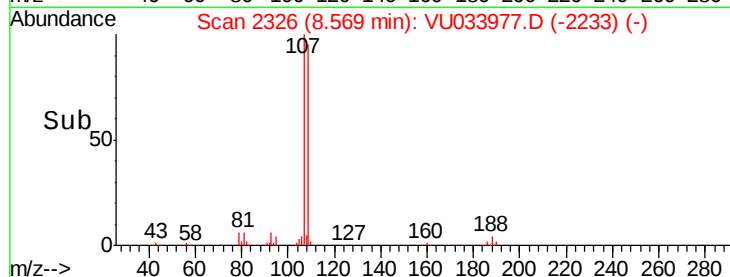
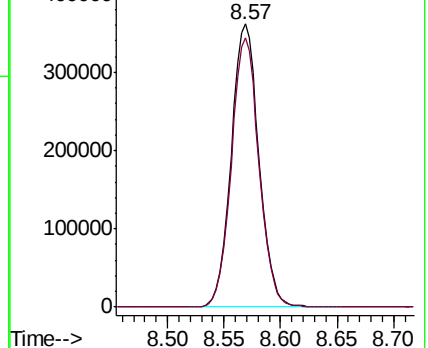
107 100

109 94.8 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: 148.608 ug/l

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

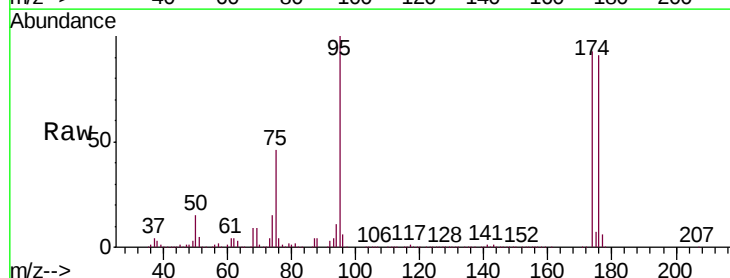
Tgt Ion: 95 Resp: 763297

Ion Ratio Lower Upper

95 100

174 92.5 0.0 183.8

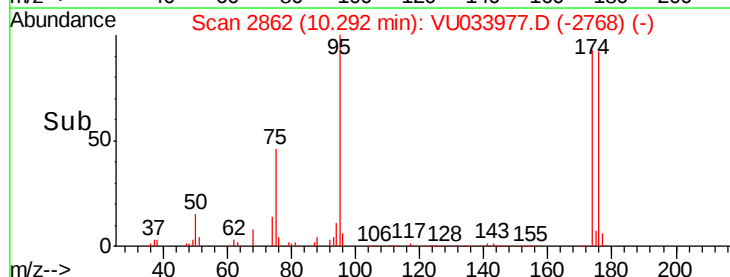
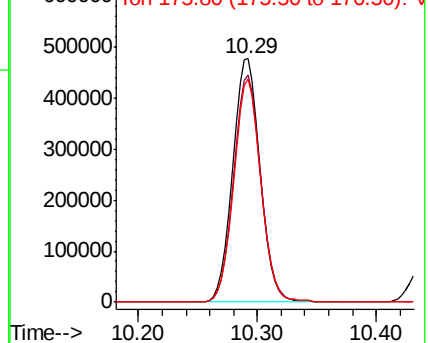
176 90.0 0.0 176.4

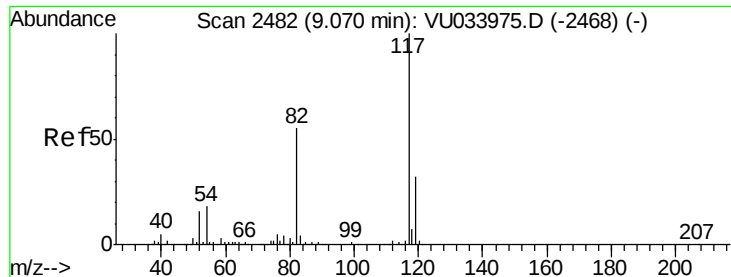


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

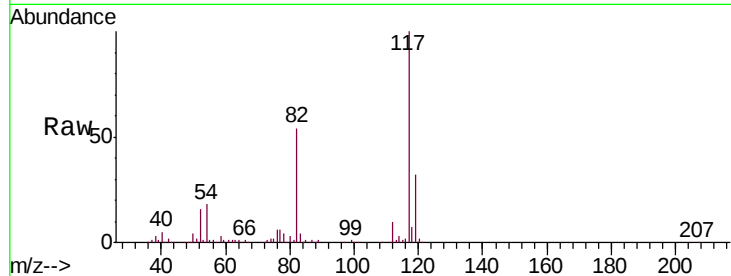




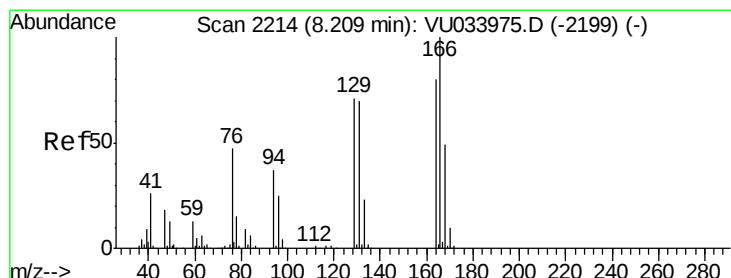
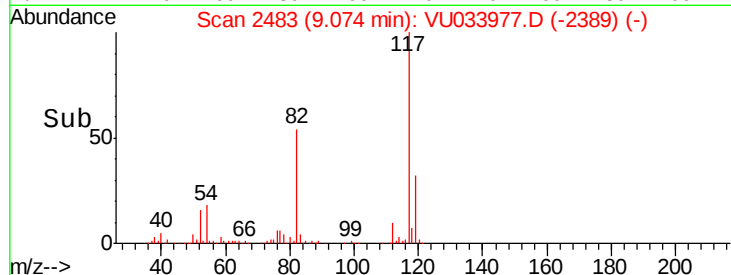
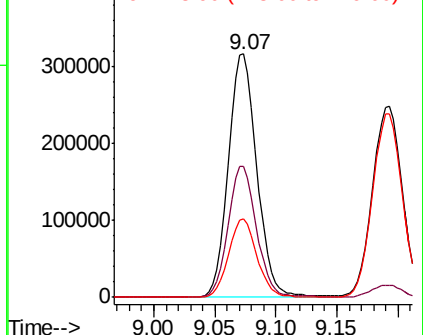
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.07 min Scan# 2483  
Delta R.T. 0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

Tgt Ion:117 Resp: 518692  
Ion Ratio Lower Upper  
117 100  
82 53.8 43.8 65.8  
119 32.2 25.7 38.5

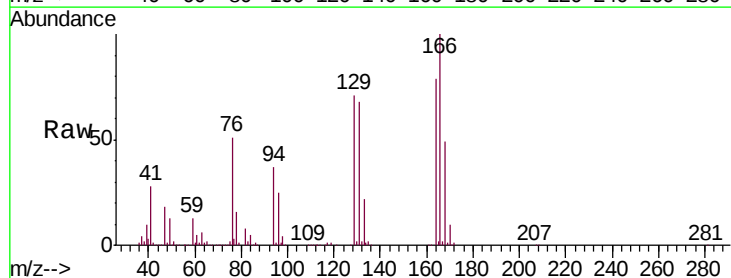


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VU0  
Ion 118.90 (118.60 to 119.60): V

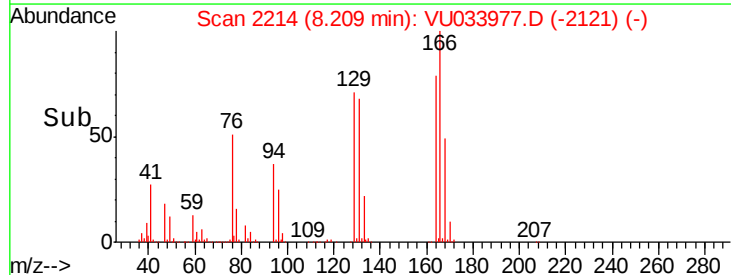
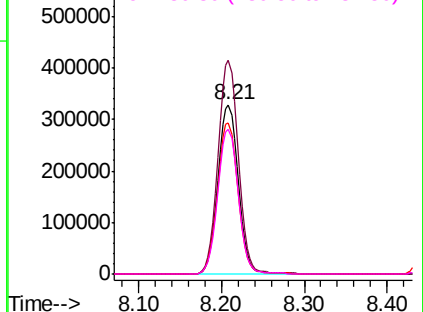


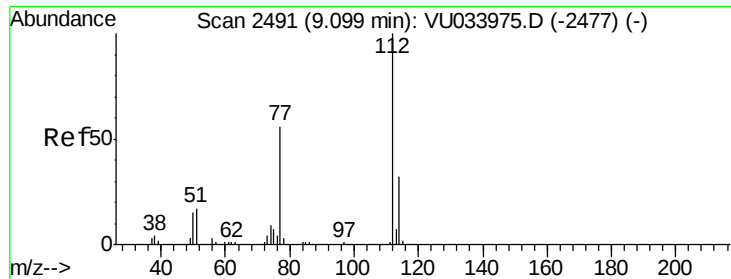
#64  
Tetrachloroethene  
Concen: 145.844 ug/l  
RT: 8.21 min Scan# 2214  
Delta R.T. 0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

Tgt Ion:164 Resp: 558532  
Ion Ratio Lower Upper  
164 100  
166 126.1 99.5 149.3  
129 89.3 70.9 106.3  
131 85.6 69.4 104.2



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

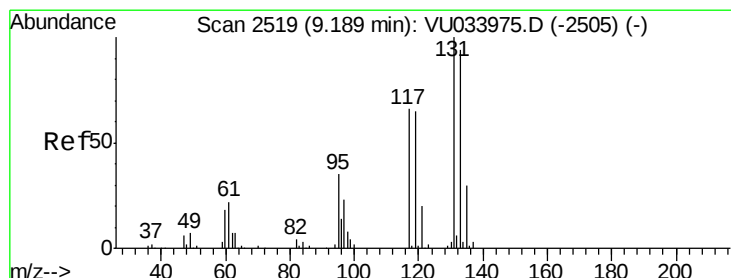
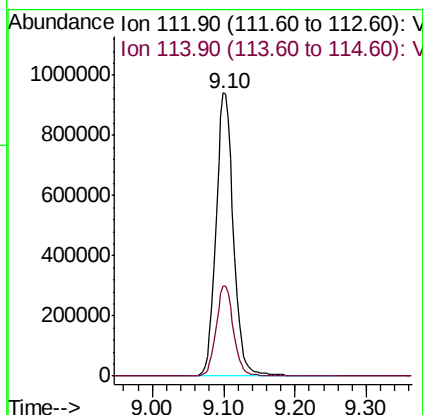
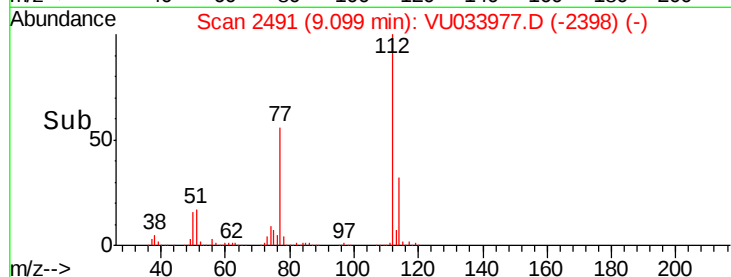
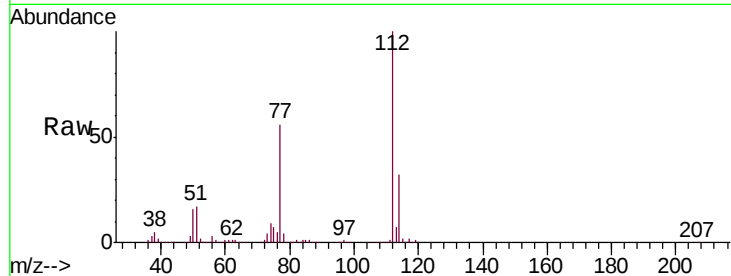




#65  
Chlorobenzene  
Concen: 148.342 ug/l  
RT: 9.10 min Scan# 2491  
Delta R.T. 0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

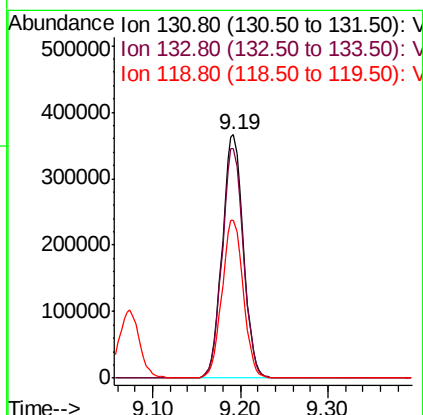
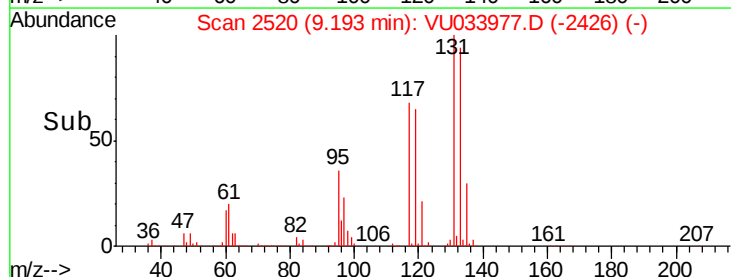
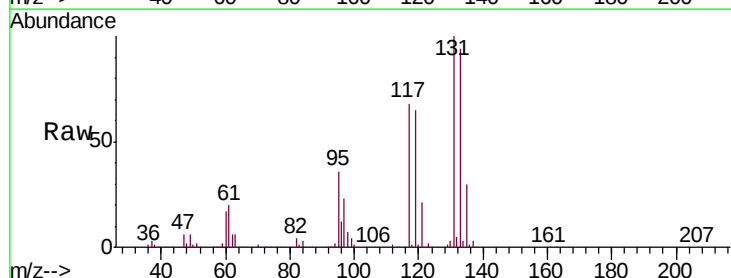
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

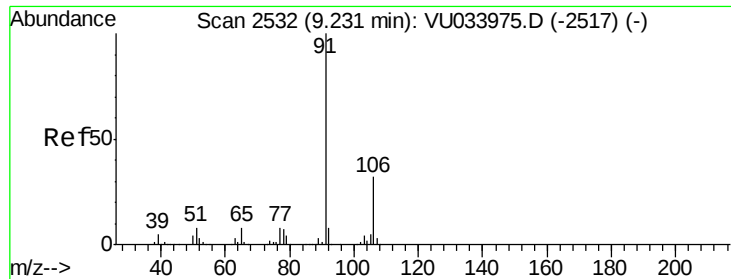
Tgt Ion:112 Resp: 1588196  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 154.004 ug/l  
RT: 9.19 min Scan# 2520  
Delta R.T. 0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

Tgt Ion:131 Resp: 612010  
Ion Ratio Lower Upper  
131 100  
133 95.1 47.6 142.9  
119 65.2 33.0 98.9

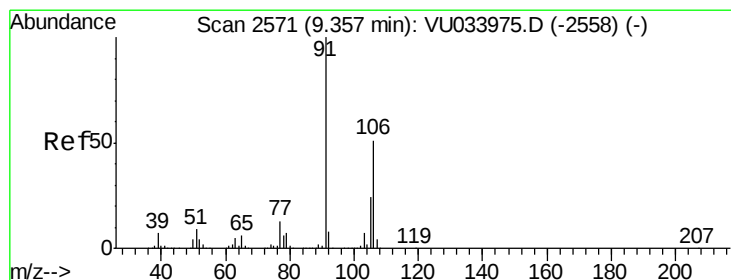
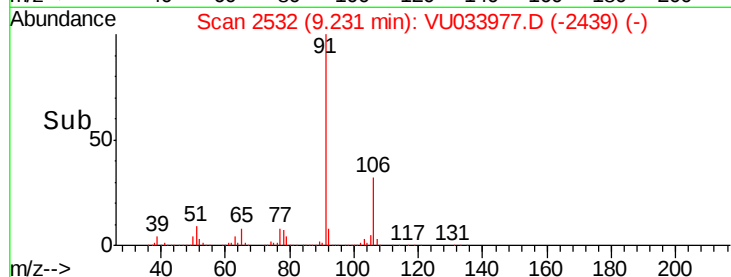
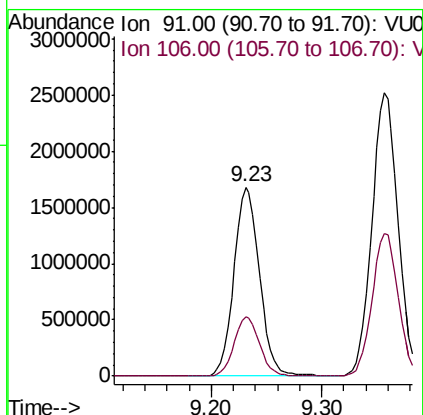
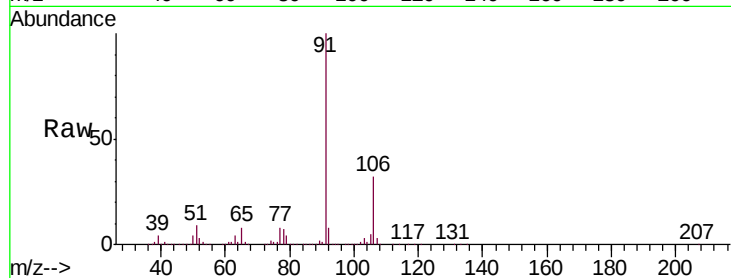




#67  
Ethyl Benzene  
Concen: 154.312 ug/l  
RT: 9.23 min Scan# 2532  
Delta R.T. 0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

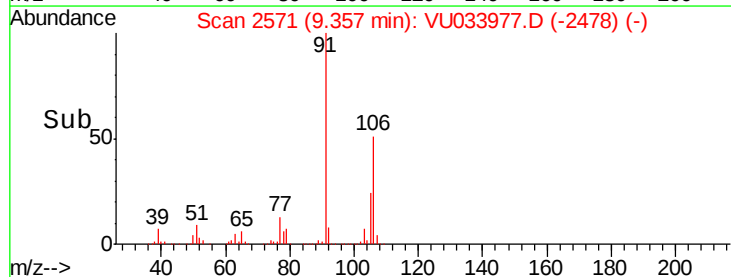
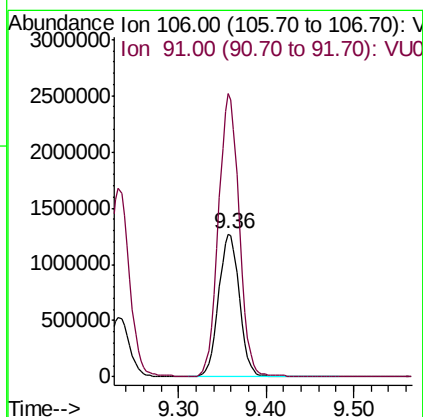
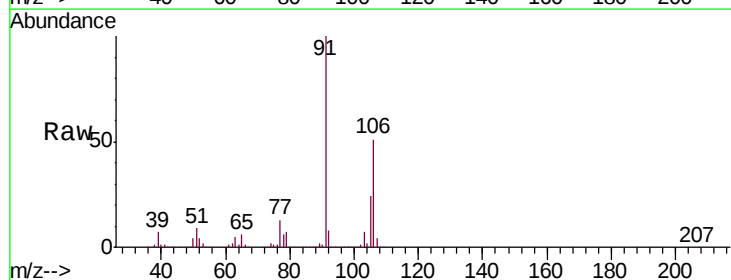
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

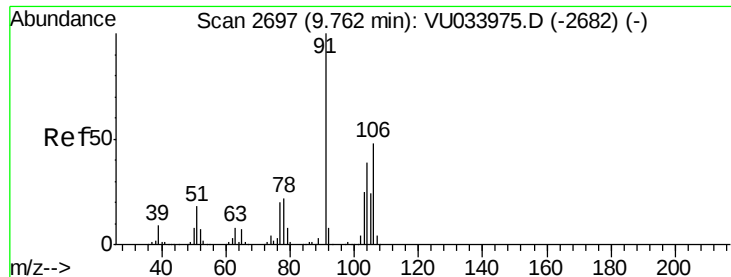
Tgt Ion: 91 Resp: 2697551  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.4 38.0



#68  
m/p-Xylenes  
Concen: 324.629 ug/l  
RT: 9.36 min Scan# 2571  
Delta R.T. 0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

Tgt Ion: 106 Resp: 2100725  
Ion Ratio Lower Upper  
106 100  
91 197.4 158.4 237.6

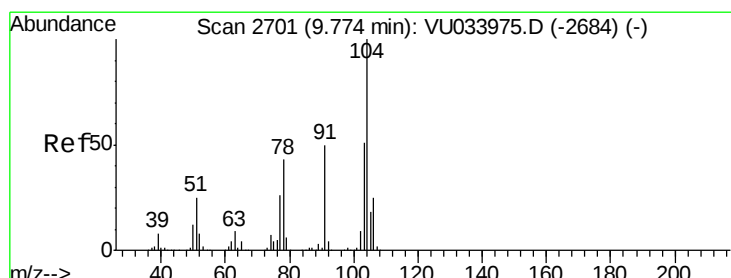
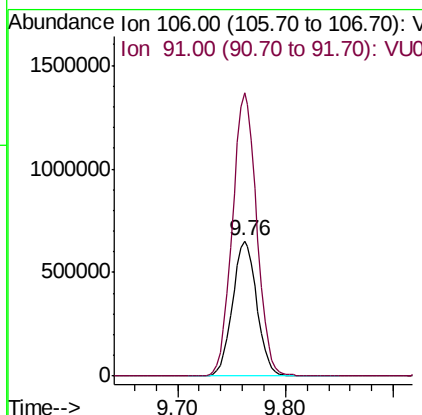
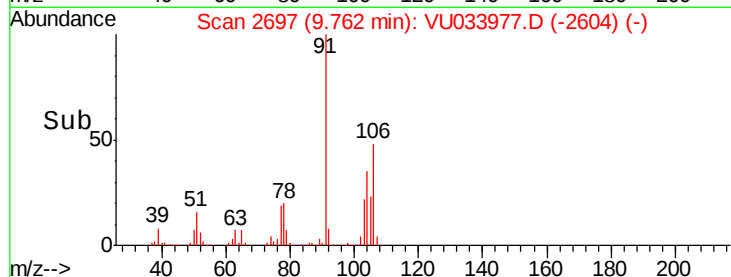
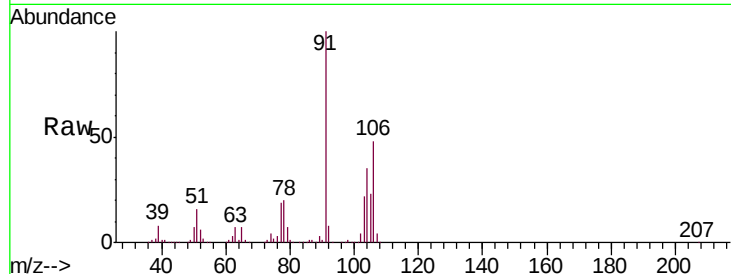




#69  
o-Xylene  
Concen: 166.003 ug/l  
RT: 9.76 min Scan# 2697  
Delta R.T. 0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

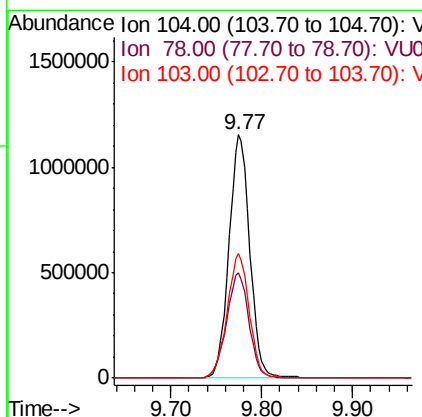
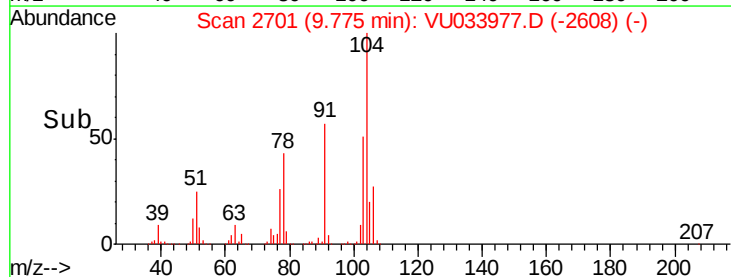
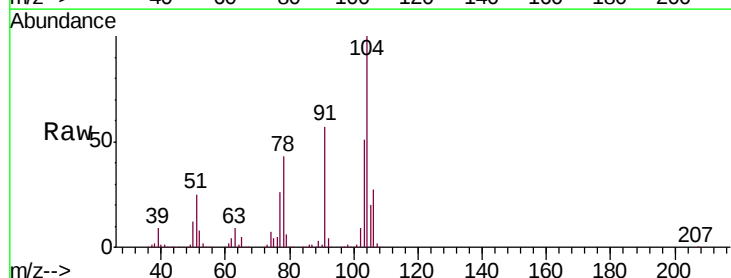
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

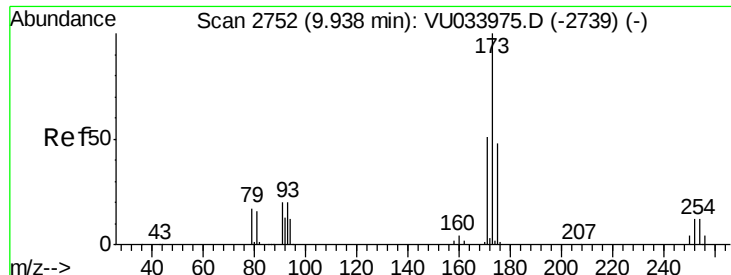
Tgt Ion:106 Resp: 1027477  
Ion Ratio Lower Upper  
106 100  
91 209.6 104.5 313.3



#70  
Styrene  
Concen: 171.853 ug/l  
RT: 9.77 min Scan# 2701  
Delta R.T. 0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

Tgt Ion:104 Resp: 1837454  
Ion Ratio Lower Upper  
104 100  
78 46.7 37.5 56.3  
103 54.3 43.9 65.9





#71

Bromoform

Concen: 172.130 ug/l

RT: 9.94 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

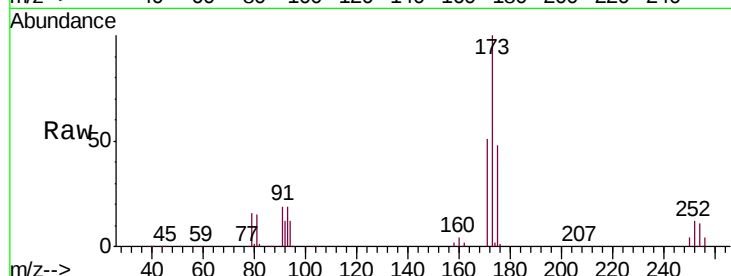
Tgt Ion:173 Resp: 578238

Ion Ratio Lower Upper

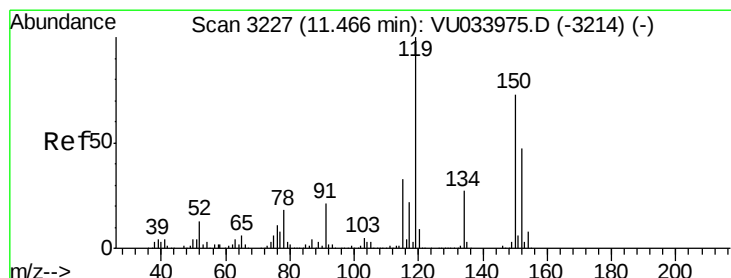
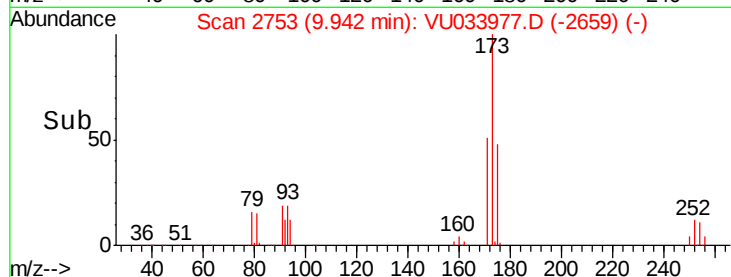
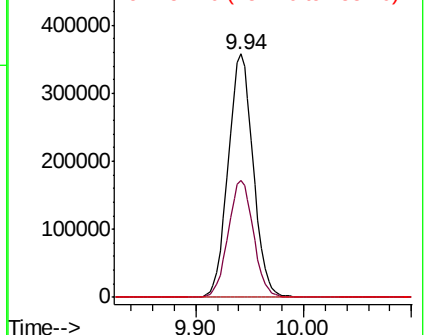
173 100

175 48.6 24.3 72.9

254 0.1 0.1 0.1#



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: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

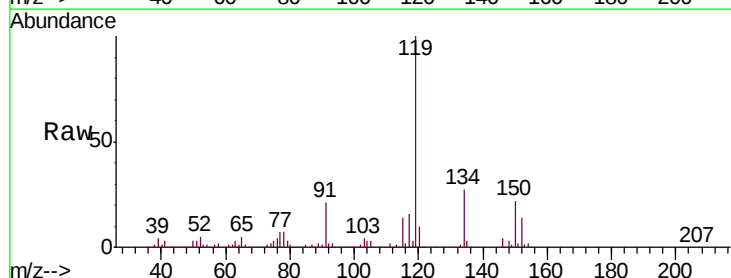
Tgt Ion:152 Resp: 290009

Ion Ratio Lower Upper

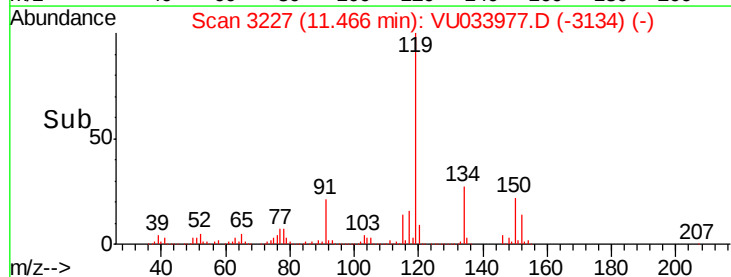
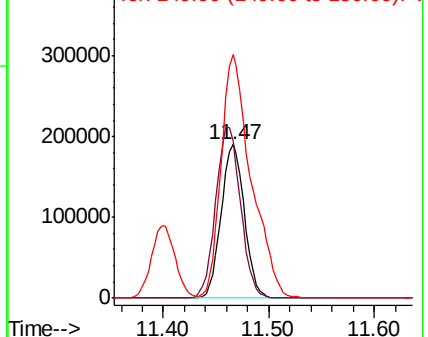
152 100

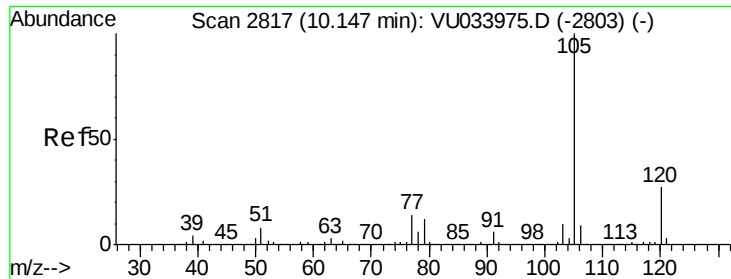
115 118.2 38.6 115.7#

150 205.0 0.0 343.8



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: 156.204 ug/l

RT: 10.15 min Scan# 2818

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

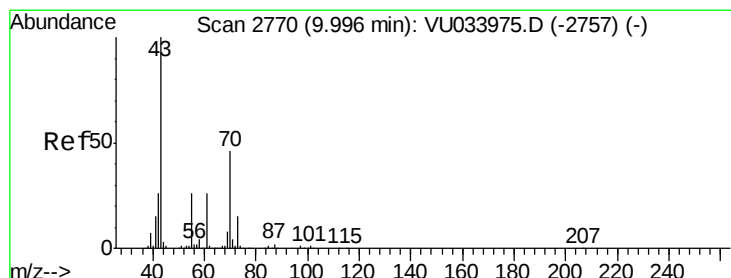
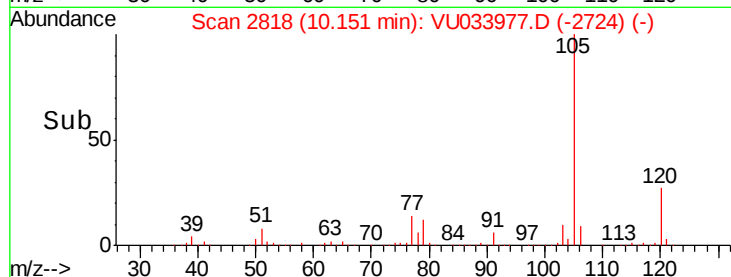
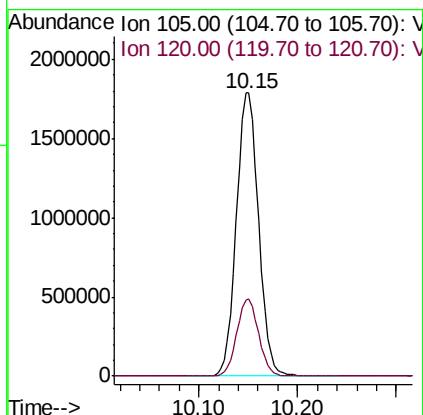
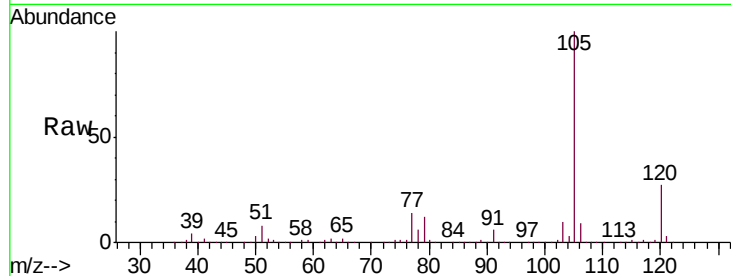
VSTDIC150

Tgt Ion:105 Resp: 2793019

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#74

N-ethyl acetate

Concen: 150.869 ug/l

RT: 10.00 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Tgt Ion: 43 Resp: 1132800

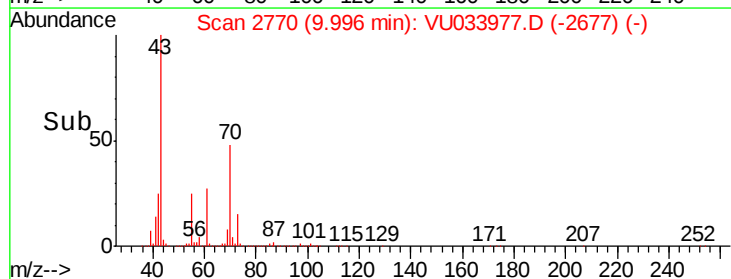
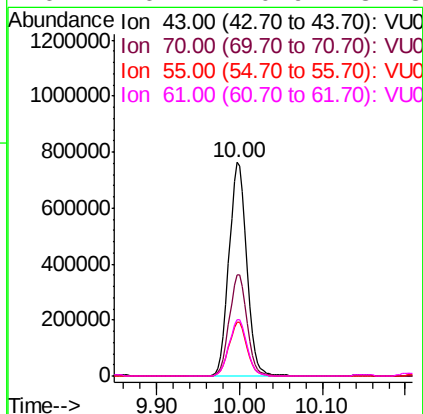
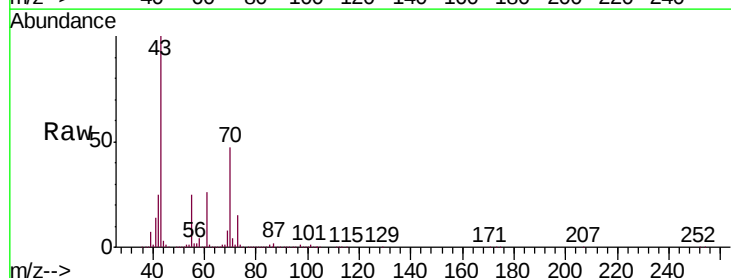
Ion Ratio Lower Upper

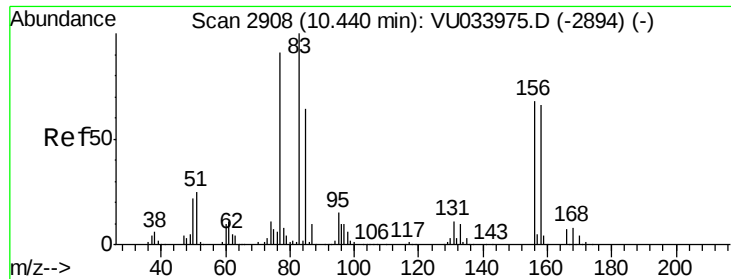
43 100

70 47.4 37.4 56.0

55 25.5 21.0 31.4

61 26.7 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 126.055 ug/l

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

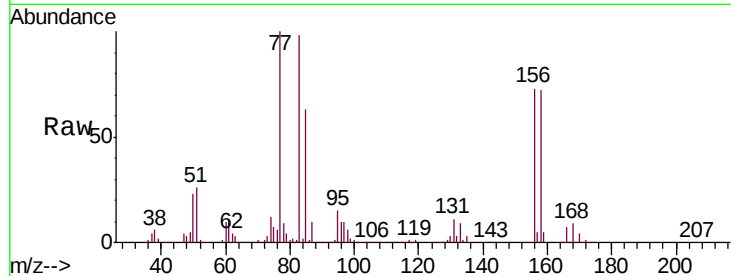
Tgt Ion: 83 Resp: 943672

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

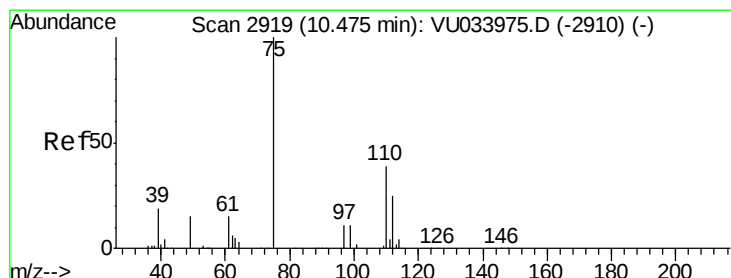
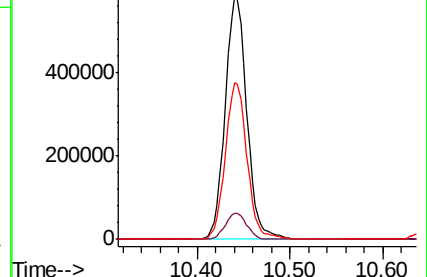
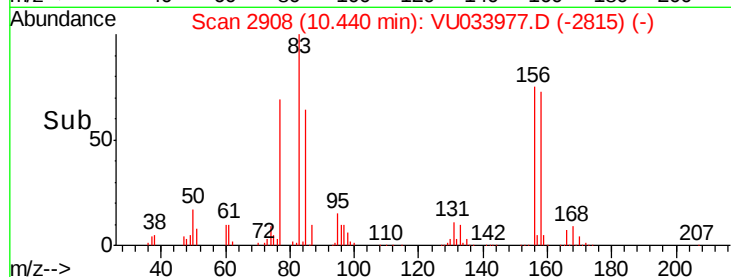
85 64.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VU033977.D (-2894) (-)

Ion 130.80 (130.50 to 131.50): VU033977.D (-2894) (-)

Ion 84.90 (84.60 to 85.60): VU033977.D (-2894) (-)



#76

1,2,3-Trichloropropane

Concen: 166.186 ug/l

RT: 10.48 min Scan# 2920

Delta R.T. 0.00 min

Lab File: VU033977.D

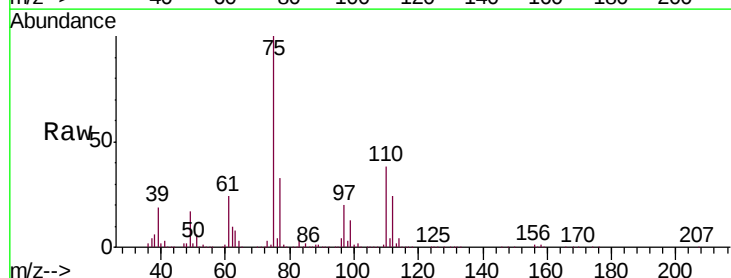
Acq: 27 Aug 2019 16:42

Tgt Ion: 75 Resp: 1095272

Ion Ratio Lower Upper

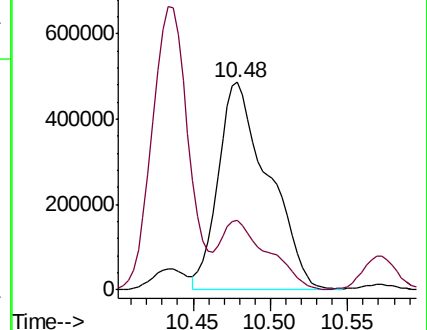
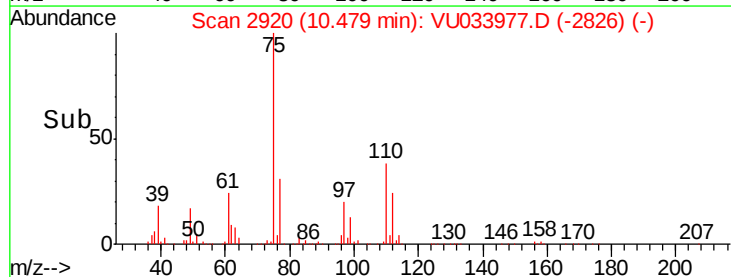
75 100

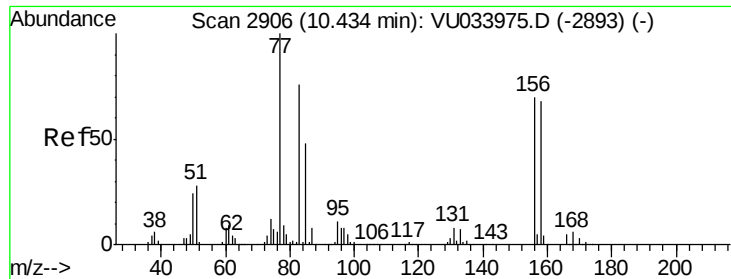
77 31.4 21.0 63.0



Abundance Ion 74.90 (74.60 to 75.60): VU033977.D (-2826) (-)

Ion 77.00 (76.70 to 77.70): VU033977.D (-2826) (-)





#77

Bromobenzene

Concen: 159.613 ug/l

RT: 10.44 min Scan# 2907

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

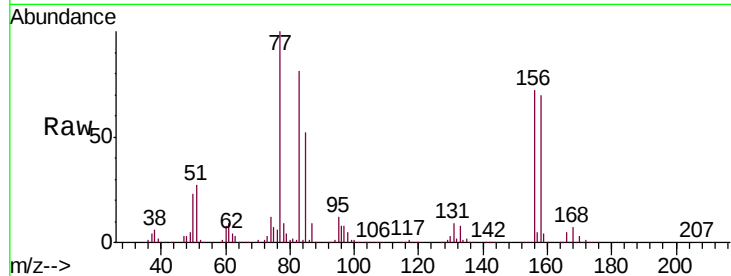
Tgt Ion:156 Resp: 770235

Ion Ratio Lower Upper

156 100

77 141.1 70.3 211.1

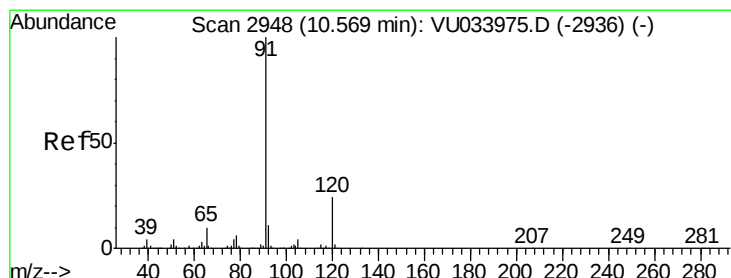
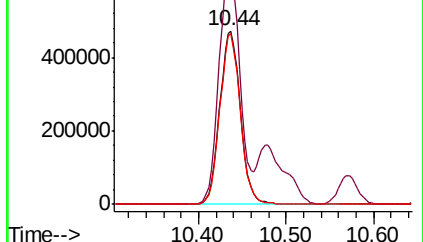
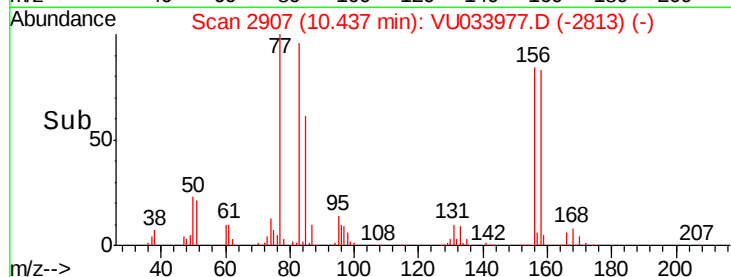
158 97.5 48.3 144.8



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: 151.815 ug/l

RT: 10.57 min Scan# 2949

Delta R.T. 0.00 min

Lab File: VU033977.D

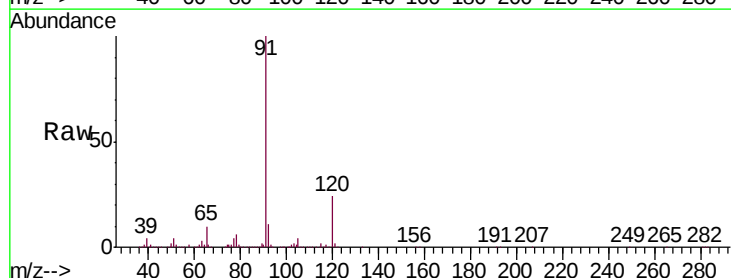
Acq: 27 Aug 2019 16:42

Tgt Ion: 91 Resp: 3210914

Ion Ratio Lower Upper

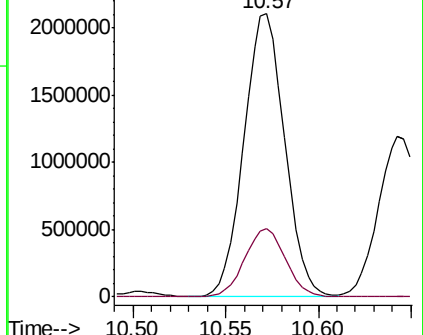
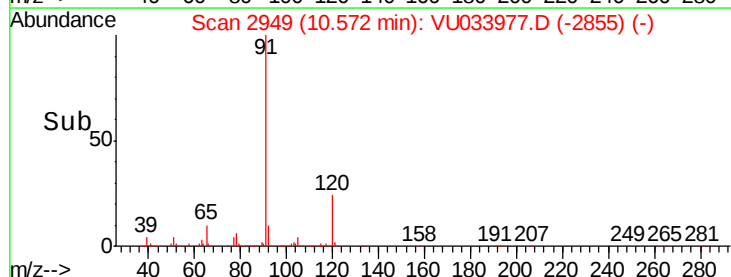
91 100

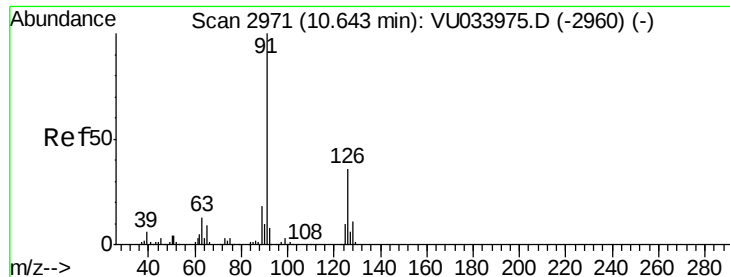
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 147.669 ug/l

RT: 10.64 min Scan# 2971

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

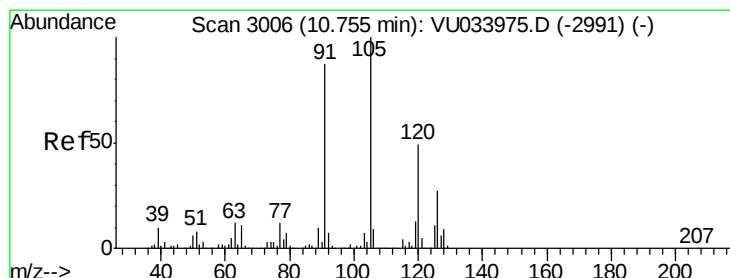
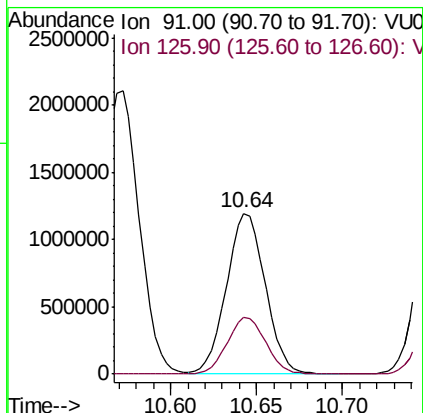
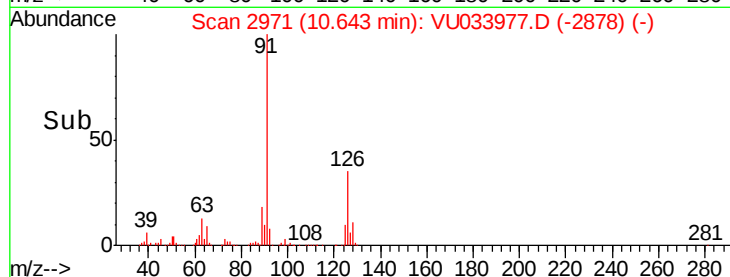
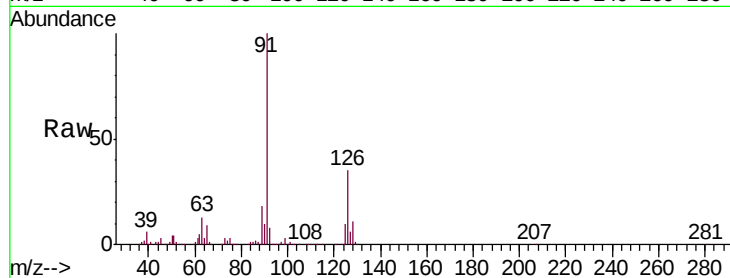
VSTDIC150

Tgt Ion: 91 Resp: 1873749

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 159.750 ug/l

RT: 10.76 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU033977.D

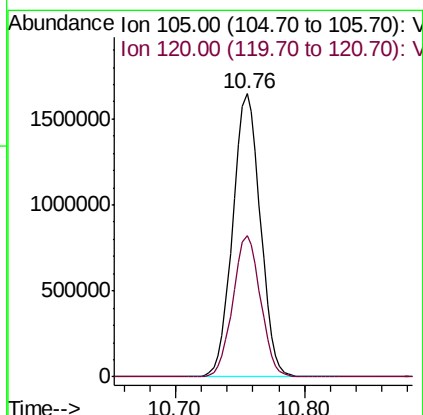
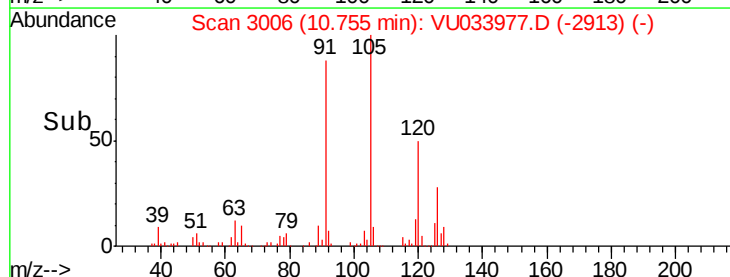
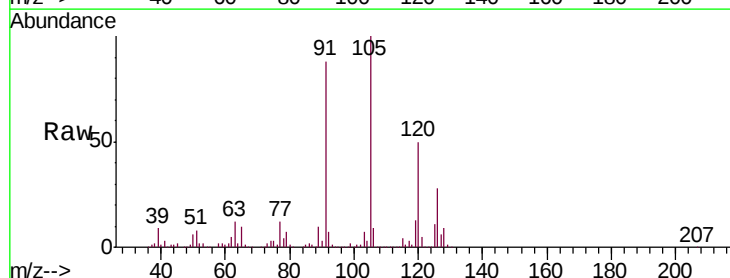
Acq: 27 Aug 2019 16:42

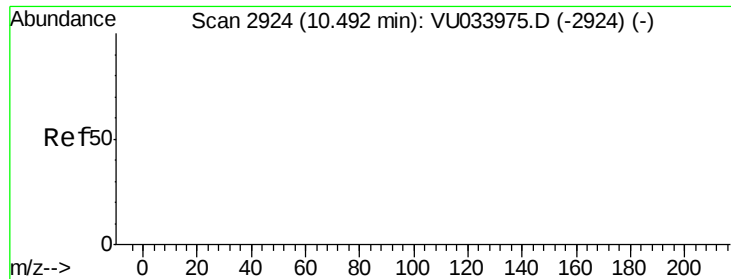
Tgt Ion: 105 Resp: 2443853

Ion Ratio Lower Upper

105 100

120 49.9 24.6 73.6

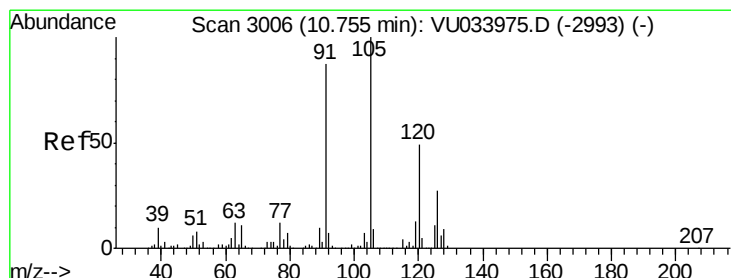
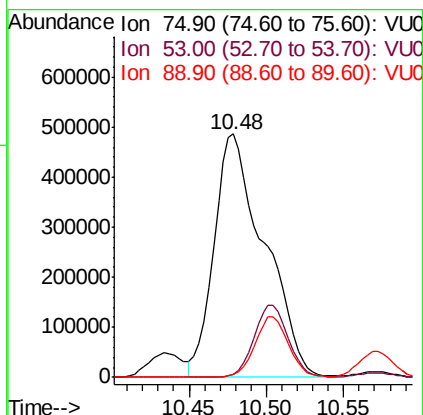
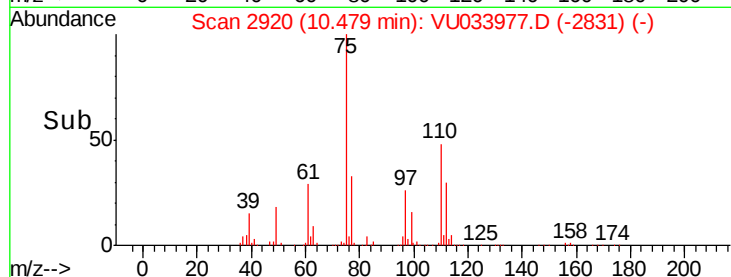
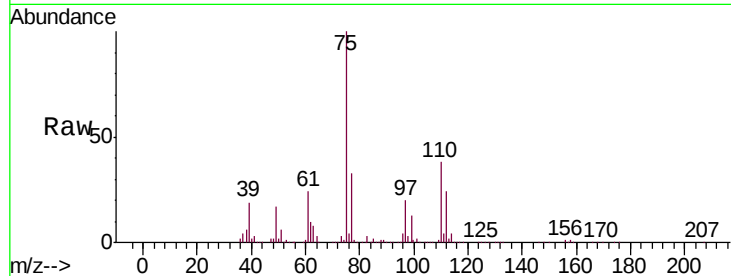




#81  
trans-1,4-Dichloro-2-butene  
Concen: 454.727 ug/l  
RT: 10.48 min Scan# 2920  
Delta R.T. -0.01 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

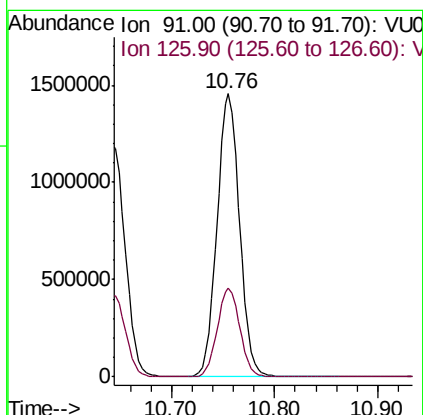
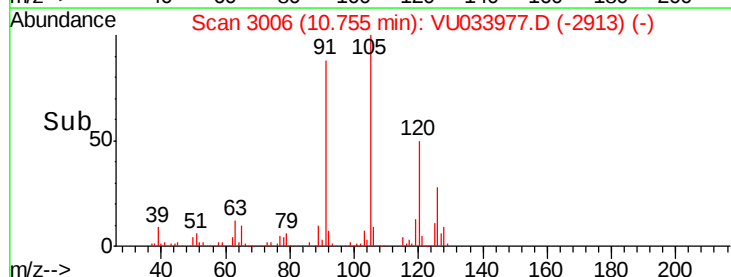
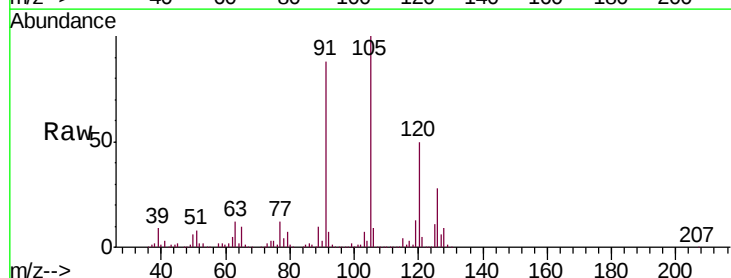
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

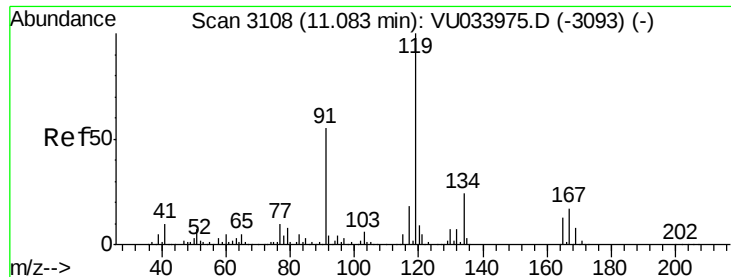
Tgt Ion: 75 Resp: 1095248  
Ion Ratio Lower Upper  
75 100  
53 0.0 0.0 0.0  
89 0.0 0.0 0.0



#82  
4-Chlorotoluene  
Concen: 147.355 ug/l  
RT: 10.76 min Scan# 3006  
Delta R.T. 0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

Tgt Ion: 91 Resp: 2194335  
Ion Ratio Lower Upper  
91 100  
126 31.6 15.4 46.4

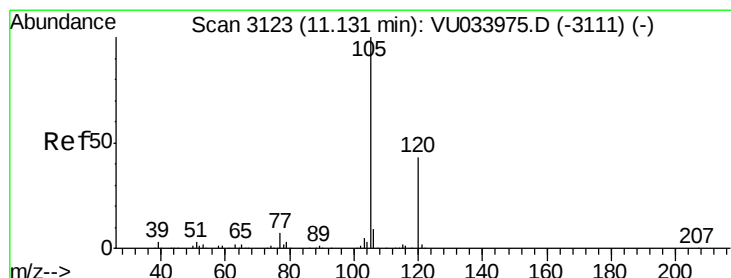
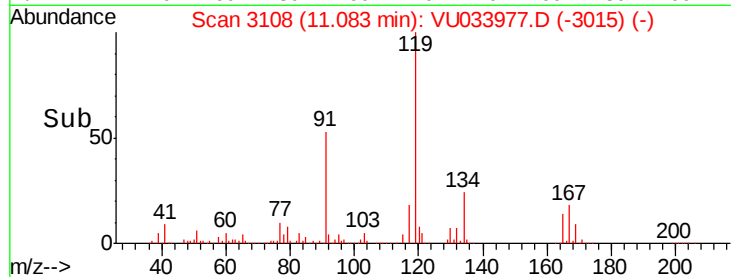
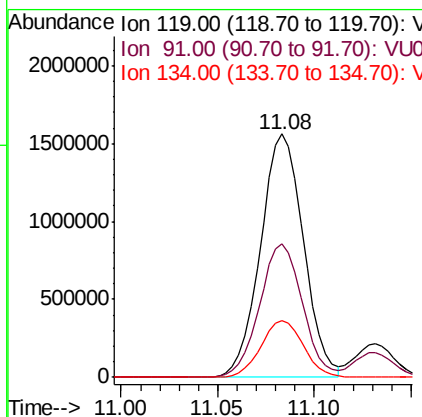
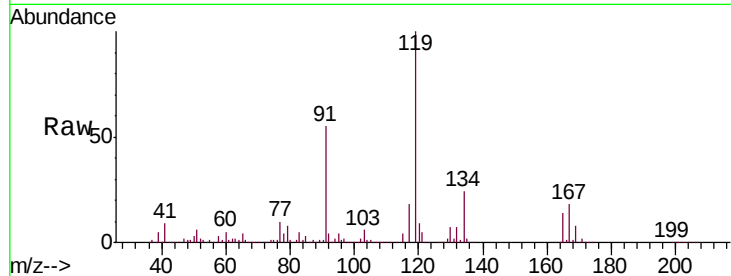




#83  
 tert-Butylbenzene  
 Concen: 168.069 ug/l  
 RT: 11.08 min Scan# 3108  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

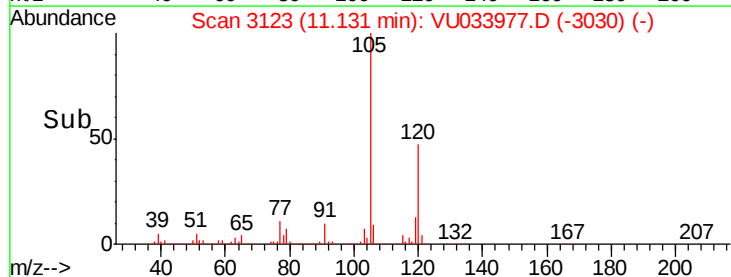
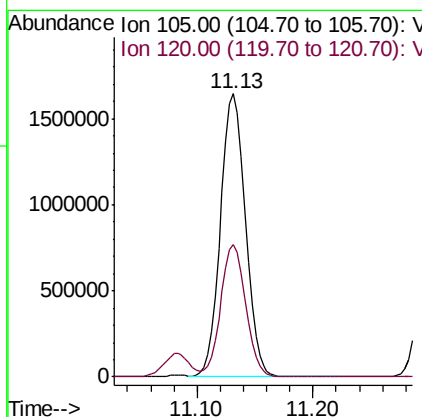
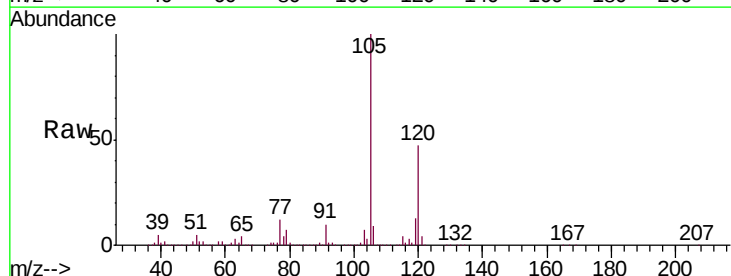
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

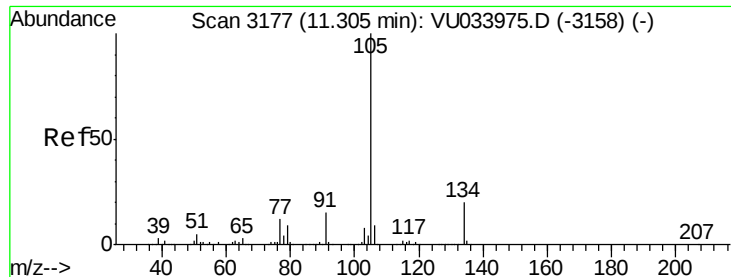
Tgt Ion:119 Resp: 2407492  
 Ion Ratio Lower Upper  
 119 100  
 91 54.6 27.6 82.8  
 134 23.2 11.6 34.7



#84  
 1,2,4-Trimethylbenzene  
 Concen: 165.258 ug/l  
 RT: 11.13 min Scan# 3123  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Tgt Ion:105 Resp: 2456308  
 Ion Ratio Lower Upper  
 105 100  
 120 46.6 23.3 69.9

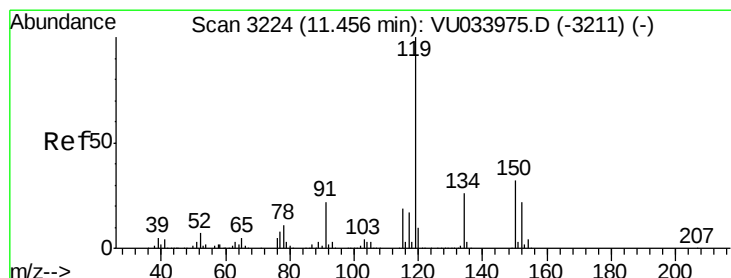
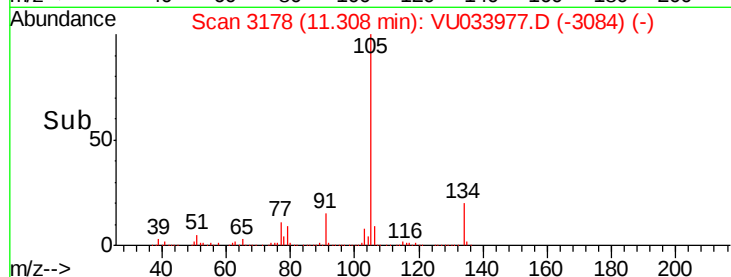
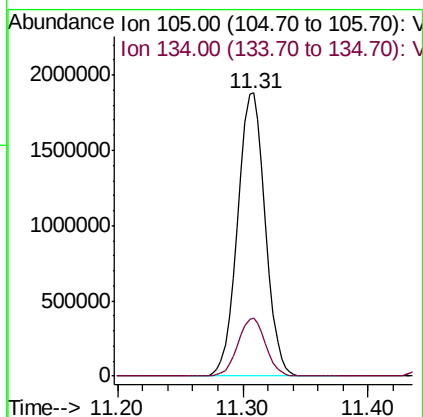
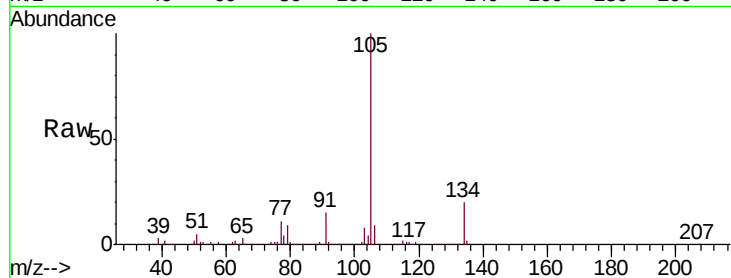




#85  
 sec-Butylbenzene  
 Concen: 160.445 ug/l  
 RT: 11.31 min Scan# 3178  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

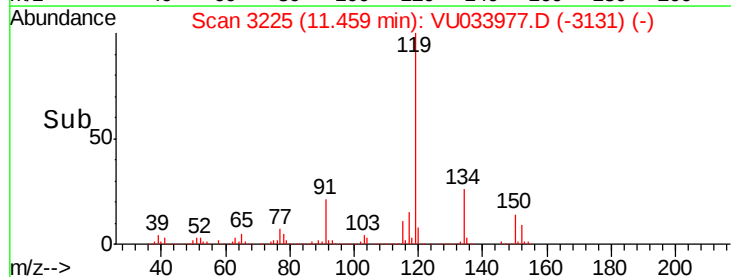
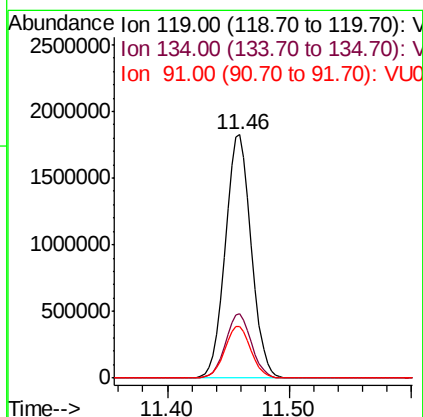
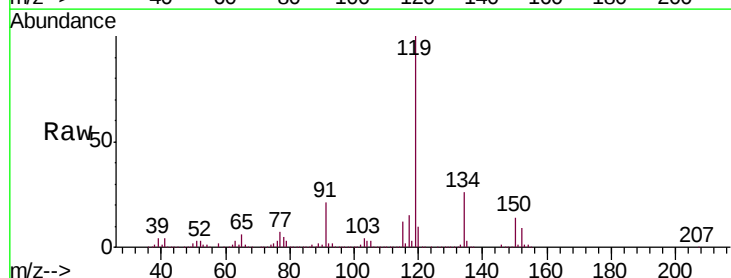
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

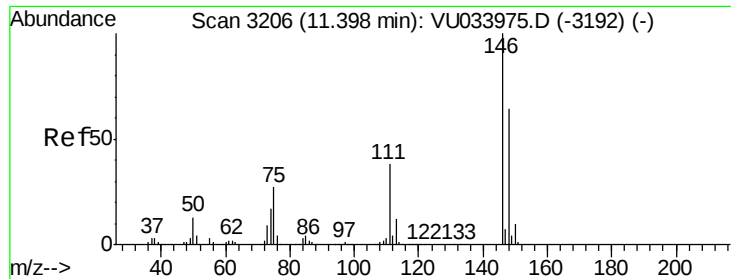
Tgt Ion:105 Resp: 2871255  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 166.496 ug/l  
 RT: 11.46 min Scan# 3225  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Tgt Ion:119 Resp: 2715630  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 13.0 38.9  
 91 21.5 10.9 32.9

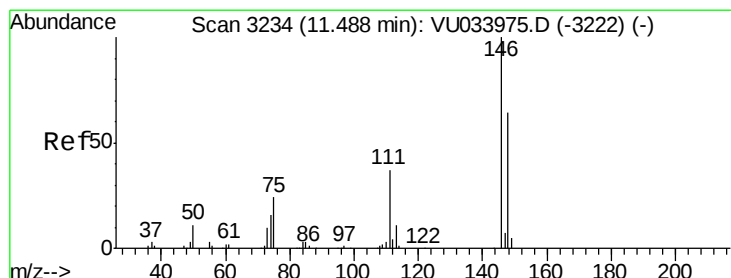
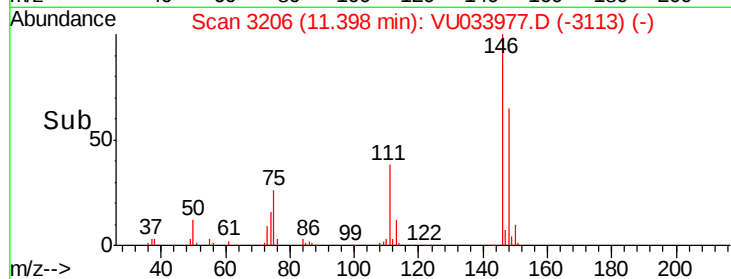
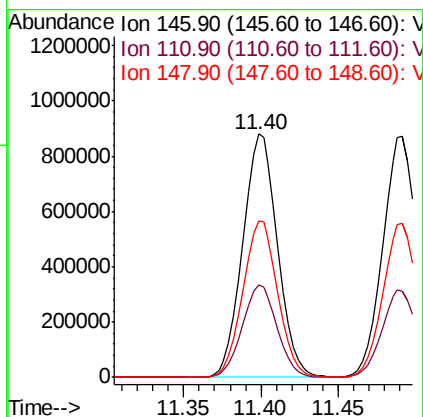
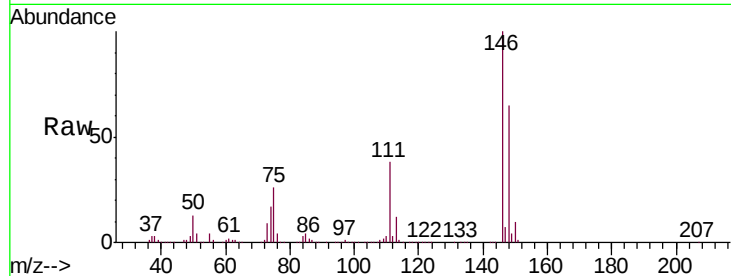




#87  
 1,3-Dichlorobenzene  
 Concen: 151.421 ug/l  
 RT: 11.40 min Scan# 3206  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

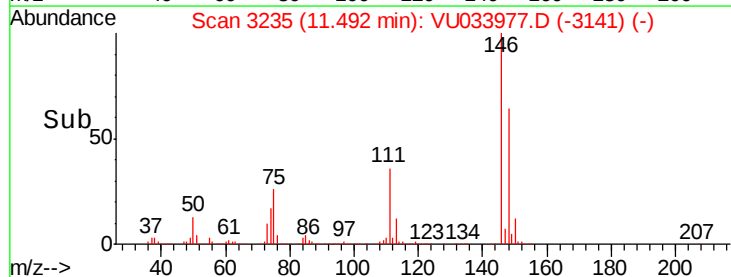
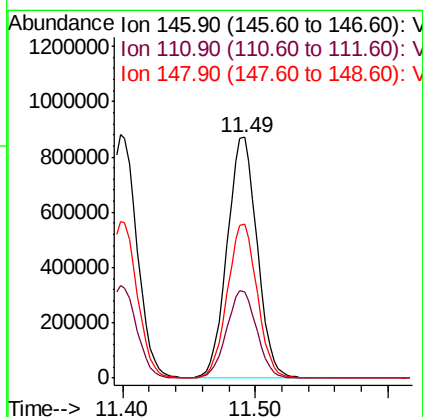
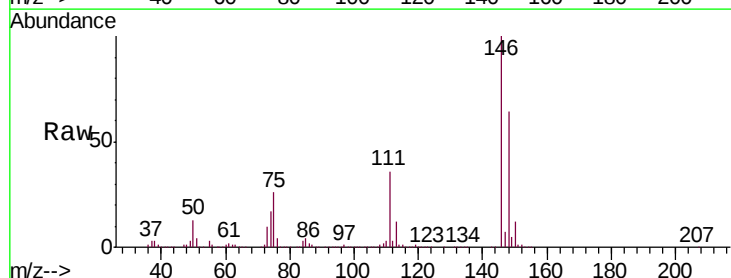
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

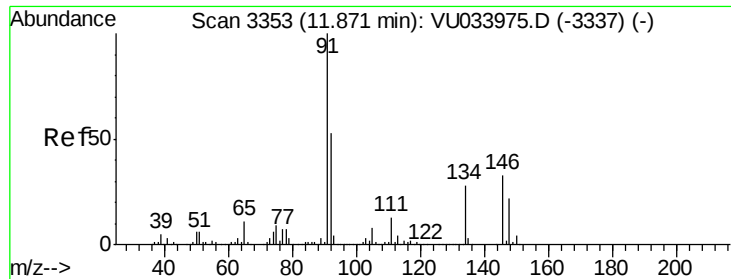
Tgt Ion:146 Resp: 1377241  
 Ion Ratio Lower Upper  
 146 100  
 111 37.8 18.8 56.4  
 148 64.4 31.9 95.7



#88  
 1,4-Dichlorobenzene  
 Concen: 145.206 ug/l  
 RT: 11.49 min Scan# 3235  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Tgt Ion:146 Resp: 1363867  
 Ion Ratio Lower Upper  
 146 100  
 111 36.5 18.8 56.4  
 148 63.9 31.9 95.7

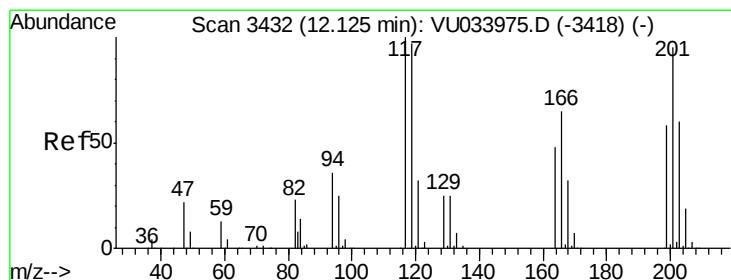
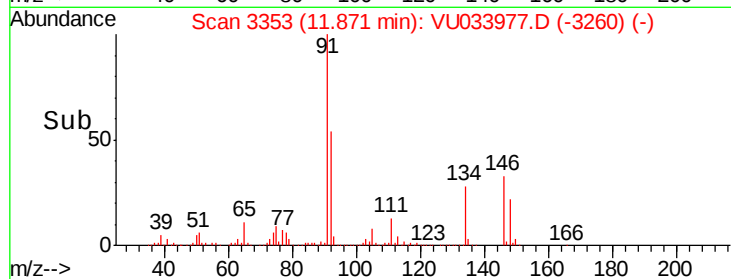
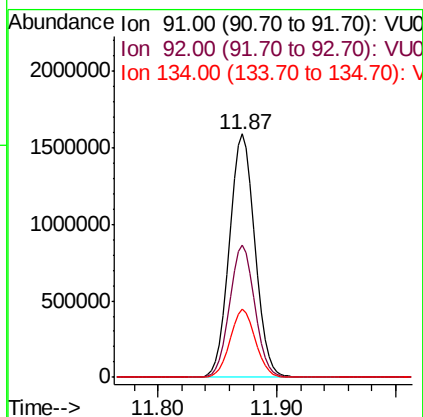
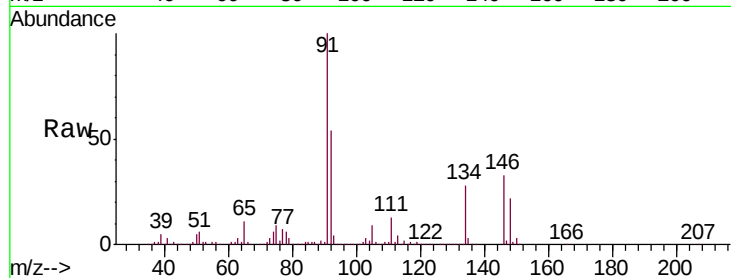




#89  
n-Butylbenzene  
Concen: 161.974 ug/l  
RT: 11.87 min Scan# 3353  
Delta R.T. 0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

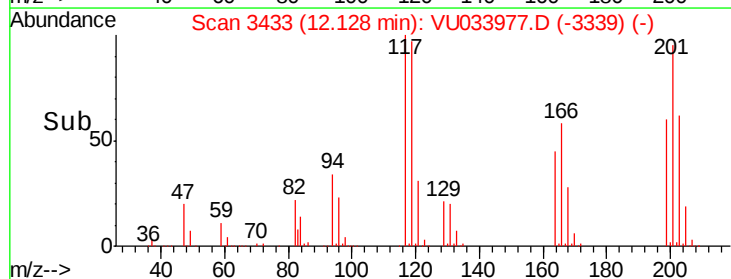
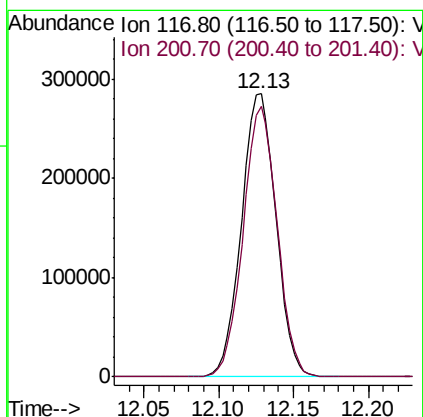
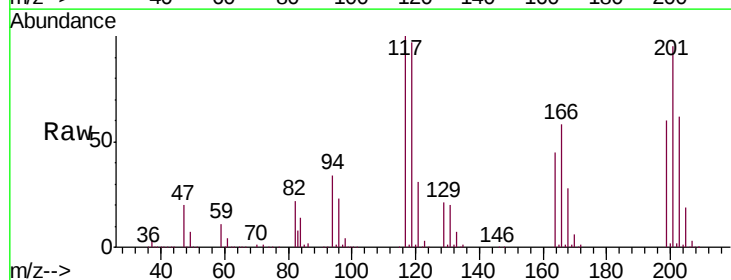
Instrument :  
MSVOA\_U  
ClientSampleId :  
VSTDIC150

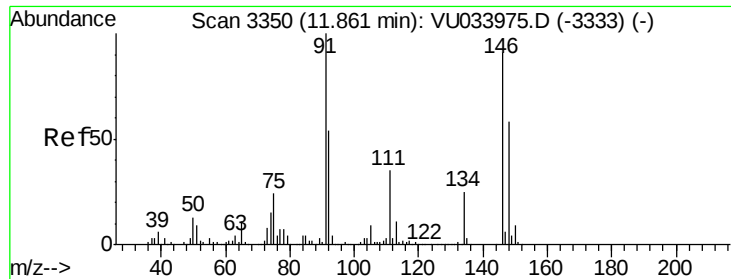
Tgt Ion: 91 Resp: 2356998  
Ion Ratio Lower Upper  
91 100  
92 53.9 26.7 80.0  
134 27.8 13.6 40.8



#90  
Hexachloroethane  
Concen: 146.326 ug/l  
RT: 12.13 min Scan# 3433  
Delta R.T. 0.00 min  
Lab File: VU033977.D  
Acq: 27 Aug 2019 16:42

Tgt Ion: 117 Resp: 459161  
Ion Ratio Lower Upper  
117 100  
201 93.9 47.5 142.5





#91

1,2-Dichlorobenzene

Concen: 153.448 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

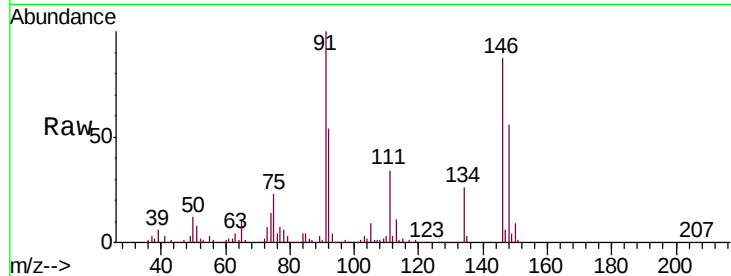
Tgt Ion:146 Resp: 1339040

Ion Ratio Lower Upper

146 100

111 39.4 19.8 59.3

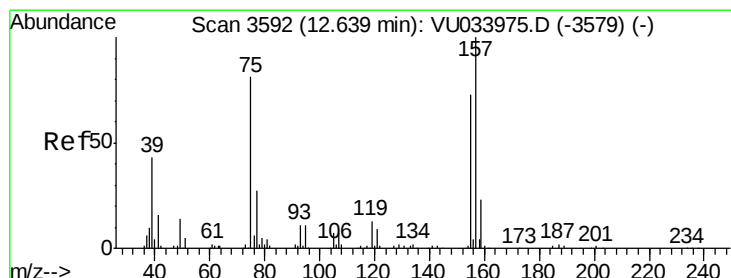
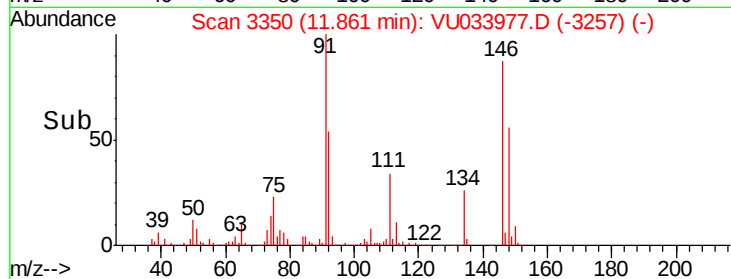
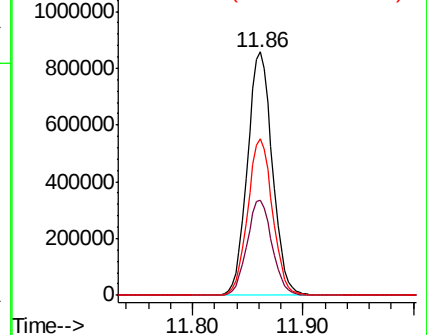
148 64.2 32.0 96.2



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: 141.517 ug/l

RT: 12.64 min Scan# 3592

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

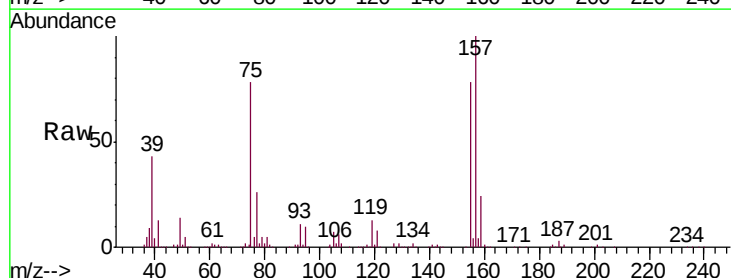
Tgt Ion: 75 Resp: 217871

Ion Ratio Lower Upper

75 100

155 97.8 46.9 140.6

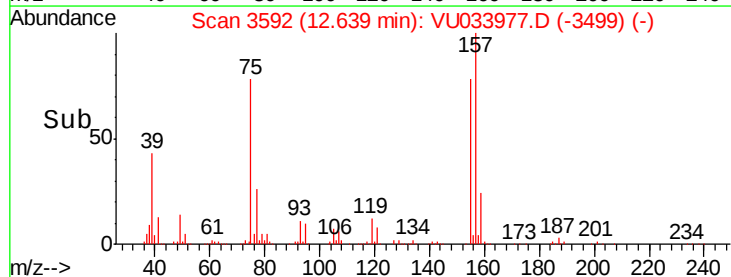
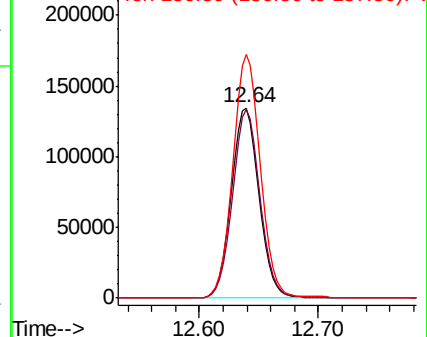
157 126.7 61.2 183.6

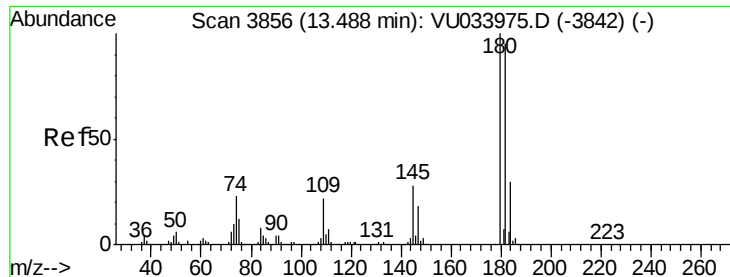


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

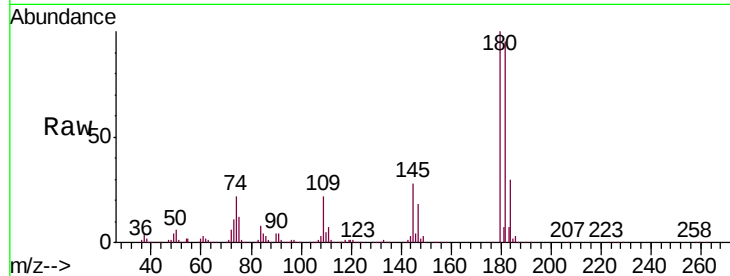




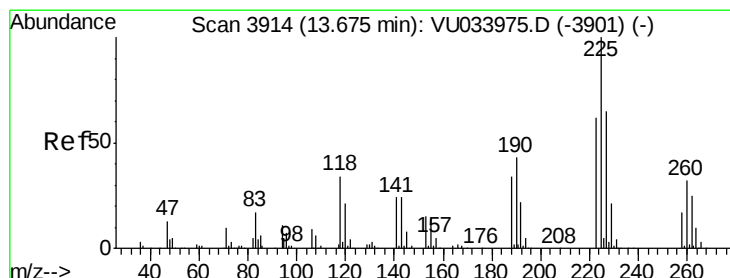
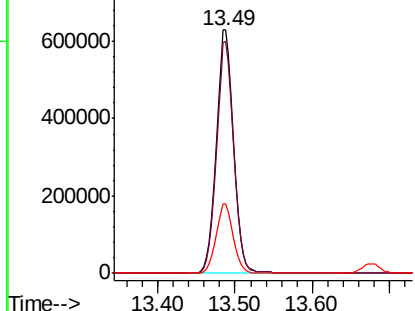
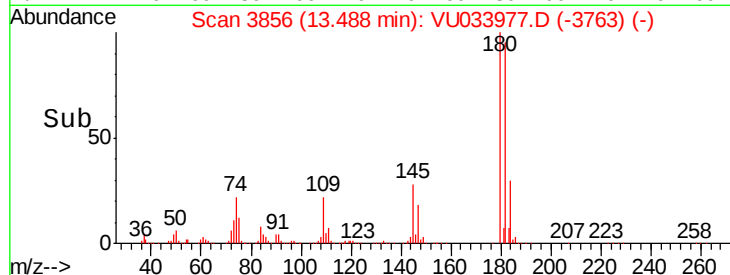
#93  
 1,2,4-Trichlorobenzene  
 Concen: 190.393 ug/l  
 RT: 13.49 min Scan# 3856  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VSTDIC150

Tgt Ion:180 Resp: 1003023  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 47.4 142.2  
 145 28.5 14.4 43.2

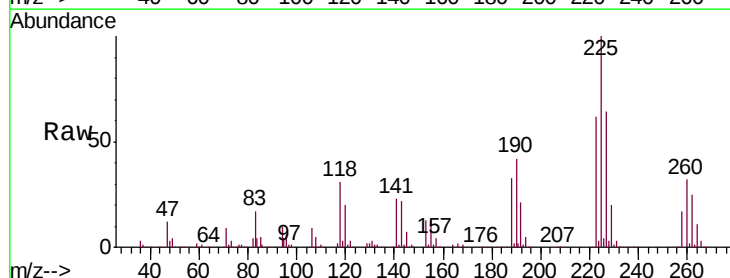


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

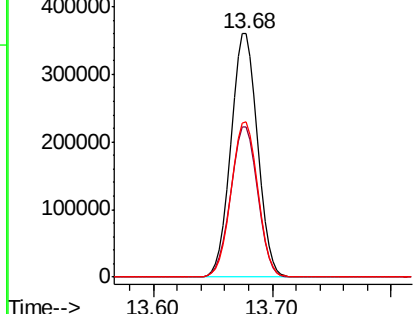
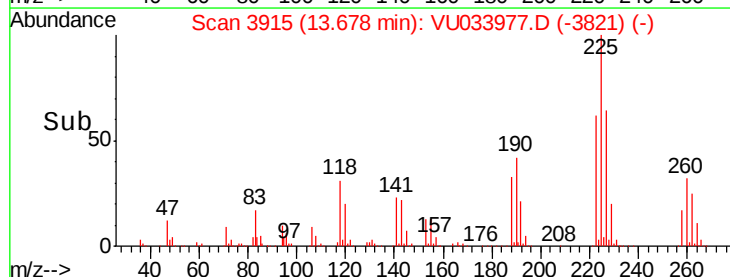


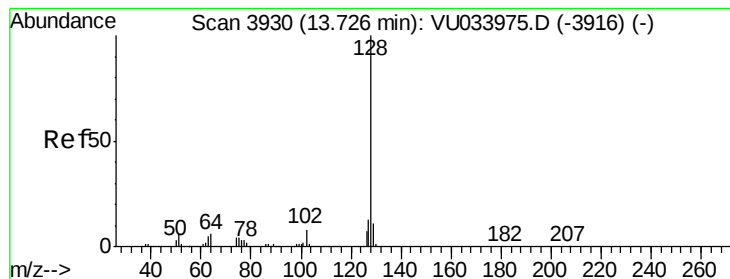
#94  
 Hexachlorobutadiene  
 Concen: 168.294 ug/l  
 RT: 13.68 min Scan# 3915  
 Delta R.T. 0.00 min  
 Lab File: VU033977.D  
 Acq: 27 Aug 2019 16:42

Tgt Ion:225 Resp: 558410  
 Ion Ratio Lower Upper  
 225 100  
 223 62.6 31.7 95.1  
 227 64.0 33.0 99.0



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 193.271 ug/l

RT: 13.73 min Scan# 3930

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

Instrument :

MSVOA\_U

ClientSampleId :

VSTDIC150

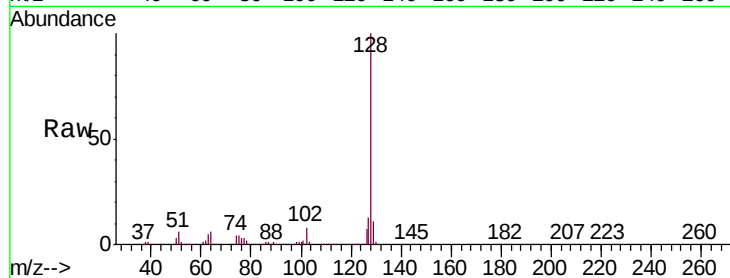
Tgt Ion:128 Resp: 2785638

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

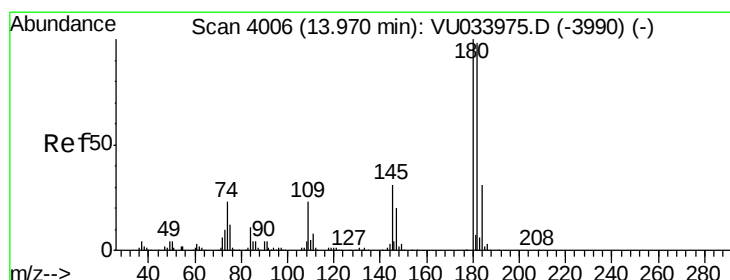
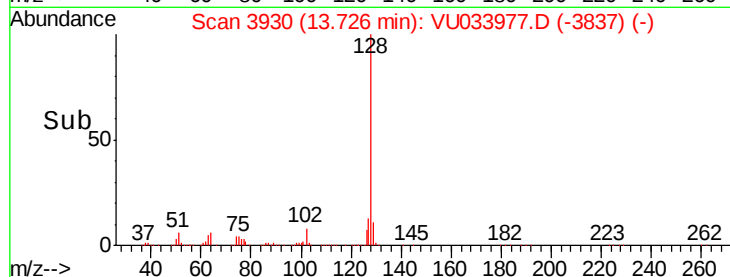
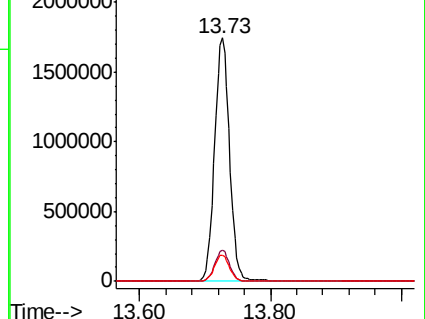
129 10.8 8.5 12.7



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: 182.950 ug/l

RT: 13.97 min Scan# 4006

Delta R.T. 0.00 min

Lab File: VU033977.D

Acq: 27 Aug 2019 16:42

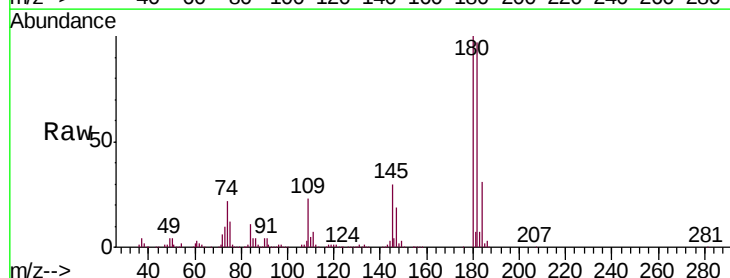
Tgt Ion:180 Resp: 968807

Ion Ratio Lower Upper

180 100

182 96.4 48.4 145.3

145 29.9 15.1 45.3



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

