

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072118\  
 Data File : VX003552.D  
 Acq On : 21 Jul 2018 14:01  
 Operator : JC/SP  
 Sample : VX0721MBS02  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0721MBS02

Quant Time: Jul 23 01:36:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071918W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 19 17:09:44 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 265827   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 381840   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 368424   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 217313   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 173702   | 55.20 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.40% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 152103   | 52.30 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.60% |      |
| 50) Toluene-d8            | 8.72   | 98  | 572055   | 52.33 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.66% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 210241   | 52.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.40% |      |

## Target Compounds

|                               |      |     |        |        |        | Qvalue |
|-------------------------------|------|-----|--------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 41261  | 19.11  | ug/l   | 99     |
| 3) Chloromethane              | 1.32 | 50  | 57752  | 21.41  | ug/l   | 100    |
| 4) Vinyl Chloride             | 1.40 | 62  | 61115  | 18.10  | ug/l   | 99     |
| 5) Bromomethane               | 1.64 | 94  | 35265  | 25.01  | ug/l   | 100    |
| 6) Chloroethane               | 1.72 | 64  | 40327  | 20.18  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101 | 85380  | 18.95  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 40116  | 20.73  | ug/l   | 91     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101 | 53732  | 18.22  | ug/l   | 96     |
| 10) Methyl Iodide             | 2.51 | 142 | 72681  | 20.52  | ug/l   | 92     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 77129  | 123.87 | ug/l   | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 50755  | 18.69  | ug/l   | 91     |
| 13) Acrolein                  | 2.29 | 56  | 25862  | 91.93  | ug/l   | 99     |
| 14) Allyl chloride            | 2.73 | 41  | 97308  | 20.25  | ug/l   | 87     |
| 15) Acrylonitrile             | 3.15 | 53  | 183418 | 115.70 | ug/l   | 96     |
| 16) Acetone                   | 2.45 | 43  | 136749 | 115.05 | ug/l # | 87     |
| 17) Carbon Disulfide          | 2.57 | 76  | 134039 | 18.25  | ug/l   | 100    |
| 18) Methyl Acetate            | 2.78 | 43  | 89342  | 23.84  | ug/l   | 93     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 204573 | 23.07  | ug/l   | 95     |
| 20) Methylene Chloride        | 2.86 | 84  | 64983  | 21.87  | ug/l   | 87     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96  | 58101  | 19.23  | ug/l   | 90     |
| 22) Diisopropyl ether         | 3.87 | 45  | 197613 | 21.85  | ug/l   | 97     |
| 23) Vinyl Acetate             | 3.82 | 43  | 807608 | 108.41 | ug/l # | 93     |
| 24) 1,1-Dichloroethane        | 3.70 | 63  | 109840 | 20.70  | ug/l   | 99     |
| 25) 2-Butanone                | 4.71 | 43  | 228919 | 114.79 | ug/l   | 91     |
| 26) 2,2-Dichloropropane       | 4.59 | 77  | 75339  | 18.69  | ug/l   | 93     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 69557  | 20.68  | ug/l   | 80     |
| 28) Bromochloromethane        | 5.03 | 49  | 51389  | 22.16  | ug/l   | 85     |
| 29) Tetrahydrofuran           | 5.16 | 42  | 153123 | 116.23 | ug/l   | 93     |
| 30) Chloroform                | 5.22 | 83  | 111051 | 21.43  | ug/l   | 95     |
| 31) Cyclohexane               | 5.58 | 56  | 88726  | 18.71  | ug/l   | 95     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97  | 89753  | 20.23  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 5.80 | 75  | 77144  | 18.71  | ug/l   | 97     |
| 37) Ethyl Acetate             | 4.86 | 43  | 87310  | 22.38  | ug/l # | 94     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 77574  | 19.18  | ug/l   | 98     |

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 Sample : VX0721MBSD02  
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0721MBSD02

Quant Time: Jul 23 01:36:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071918W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 19 17:09:44 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 89918    | 18.42  | ug/l   | 95       |
| 40) Benzene                    | 6.15  | 78   | 256486   | 20.61  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 49481    | 21.58  | ug/l   | 91       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 86580    | 22.08  | ug/l   | 94       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 136692   | 22.03  | ug/l # | 93       |
| 44) Trichloroethene            | 7.21  | 130  | 74383    | 20.04  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 68322    | 21.62  | ug/l   | 100      |
| 46) Dibromomethane             | 7.67  | 93   | 44635    | 21.94  | ug/l   | 94       |
| 47) Bromodichloromethane       | 7.90  | 83   | 78638    | 21.11  | ug/l   | 100      |
| 48) Methyl methacrylate        | 7.78  | 41   | 70215    | 22.44  | ug/l # | 83       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 32964    | 464.89 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 468798   | 119.58 | ug/l   | 92       |
| 52) Toluene                    | 8.79  | 92   | 162089   | 20.69  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 98801    | 21.55  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 9.04  | 75   | 88274    | 21.41  | ug/l   | 91       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 69759    | 22.38  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 95344    | 21.71  | ug/l # | 85       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 113353   | 22.49  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 238529   | 111.71 | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.50  | 43   | 350294   | 120.59 | ug/l   | 91       |
| 60) Dibromochloromethane       | 9.59  | 129  | 65501    | 21.23  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.68  | 107  | 71574    | 22.15  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 87235    | 19.43  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.14 | 112  | 185046   | 19.49  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 65629    | 20.09  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 294923   | 19.32  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 233553   | 39.03  | ug/l   | 97       |
| 69) o-Xylene                   | 10.70 | 106  | 112546   | 19.45  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 191679   | 20.14  | ug/l   | 98       |
| 71) Bromoform                  | 10.86 | 173  | 49471    | 19.50  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 299500   | 19.93  | ug/l   | 100      |
| 74) N-amyl acetate             | 6.46  | 43   | 136692   | 21.42  | ug/l # | 93       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 95007    | 21.57  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 108776   | 27.86  | ug/l   | 81       |
| 77) Bromobenzene               | 11.26 | 156  | 85399    | 19.76  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 333090   | 19.94  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 205376   | 20.25  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 250297   | 20.26  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 24198    | 19.14  | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 240601   | 20.25  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 233831   | 19.33  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 258564   | 20.57  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.95 | 105  | 286204   | 19.48  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 258347   | 19.59  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 154409   | 19.43  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 155259   | 18.97  | ug/l   | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 210734   | 18.82  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 33760    | 18.01  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 157387   | 20.10  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.01 | 75   | 17658    | 20.60  | ug/l   | 90       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072118\  
Data File : VX003552.D  
Acq On : 21 Jul 2018 14:01  
Operator : JC/SP  
Sample : VX0721MBSD02  
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

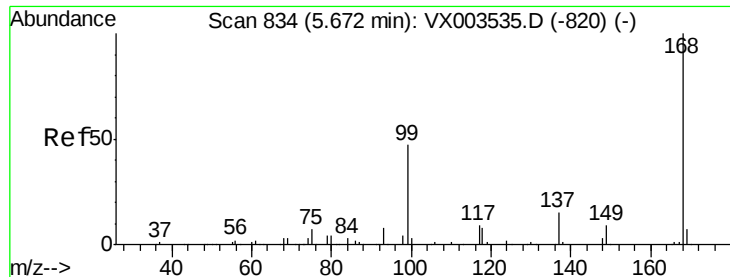
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0721MBSD02

Quant Time: Jul 23 01:36:49 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X071918W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jul 19 17:09:44 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 106333   | 18.53 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 47706    | 17.28 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 315731   | 20.93 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 110008   | 19.36 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

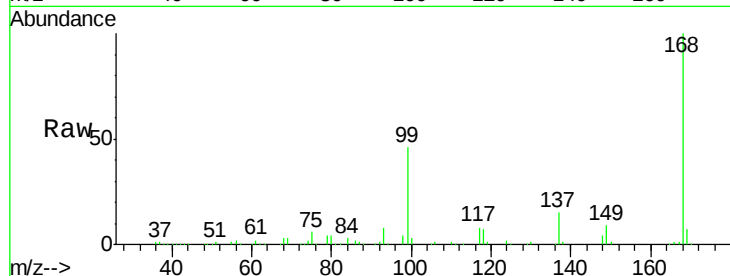
VX0721MBSD02

Tot Ion:168 Resp: 265827

Ion Ratio Lower Upper

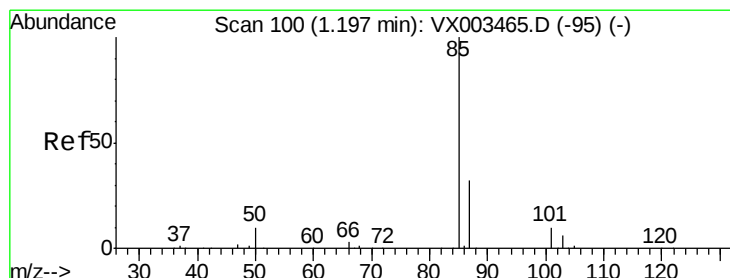
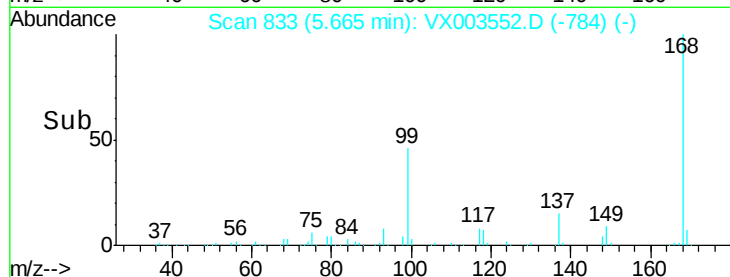
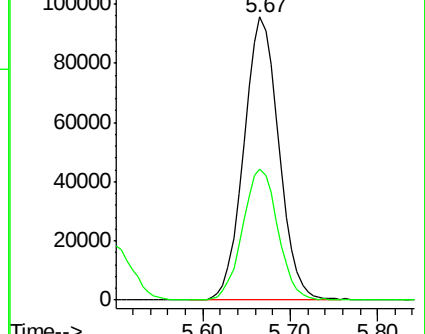
168 100

99 46.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.11 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003552.D

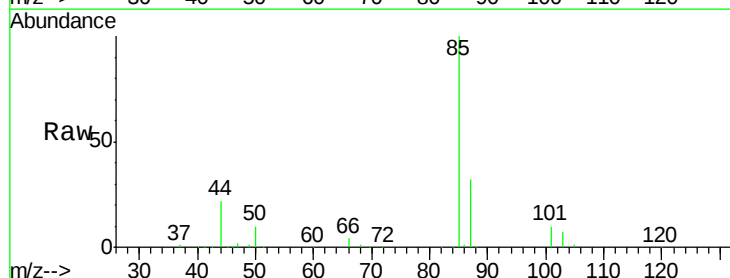
Acq: 21 Jul 2018 14:01

Tgt Ion: 85 Resp: 41261

Ion Ratio Lower Upper

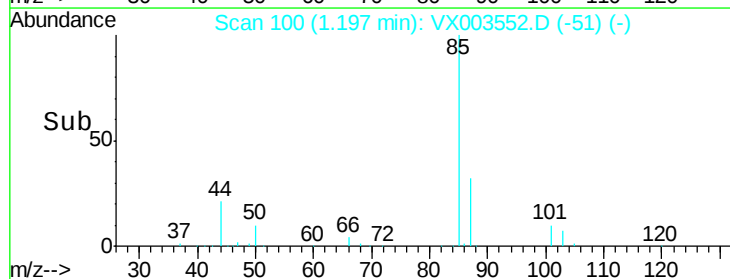
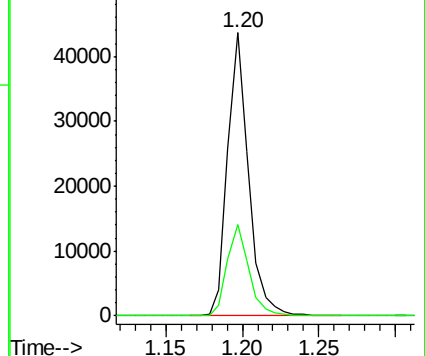
85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.41 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

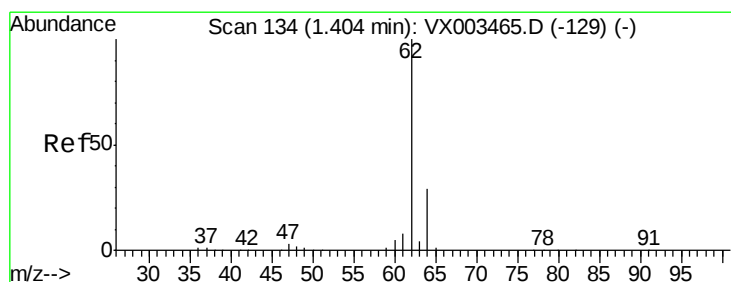
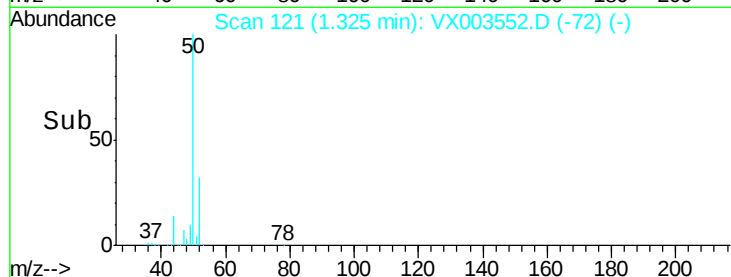
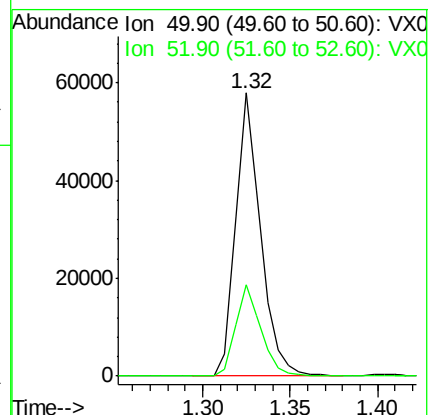
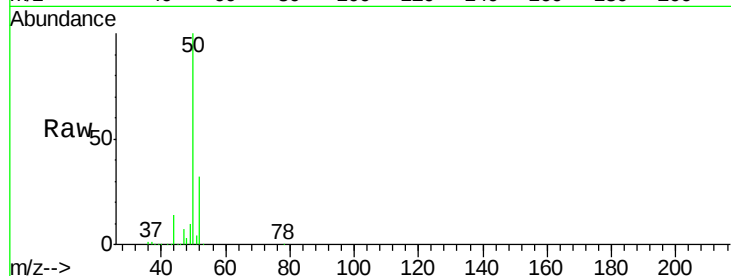
VX0721MBSD02

Tot Ion: 50 Resp: 57752

Ion Ratio Lower Upper

50 100

52 32.3 25.7 38.5



#4

Vinyl Chloride

Concen: 18.10 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003552.D

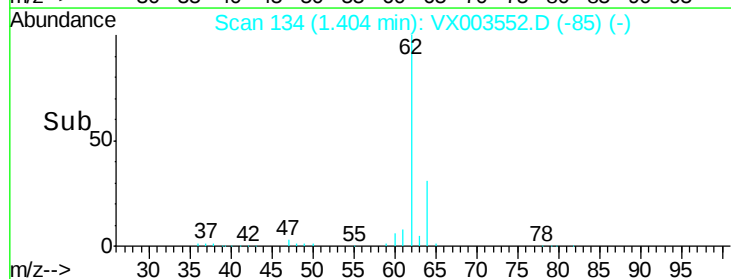
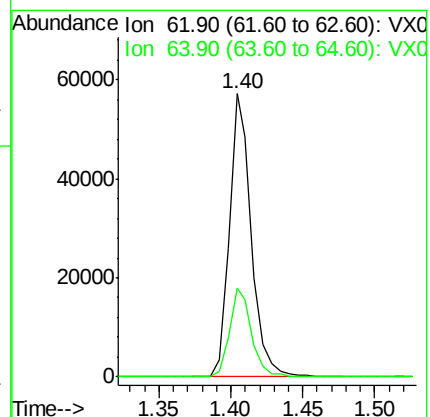
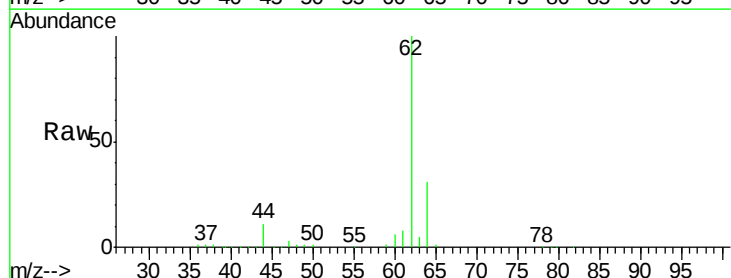
Acq: 21 Jul 2018 14:01

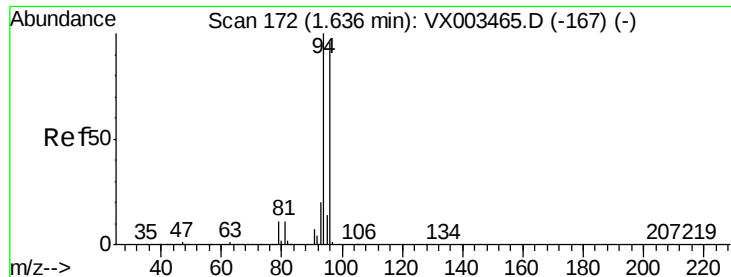
Tgt Ion: 62 Resp: 61115

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 25.01 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

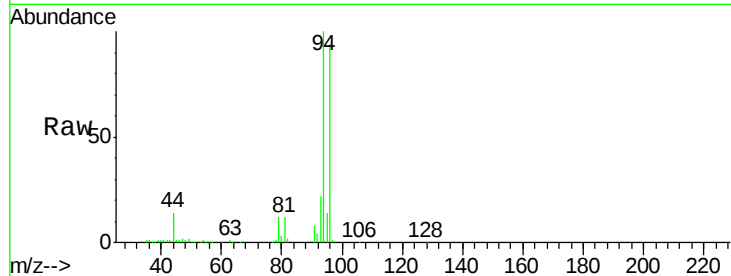
VX0721MBSD02

Tot Ion: 94 Resp: 35265

Ion Ratio Lower Upper

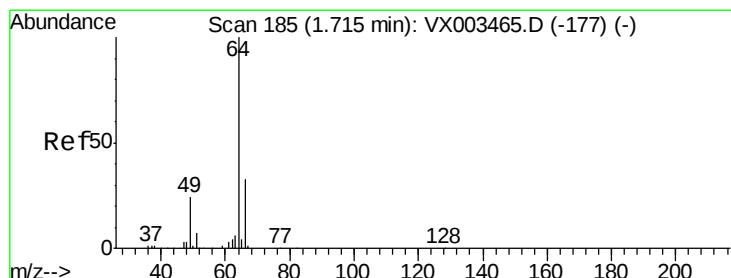
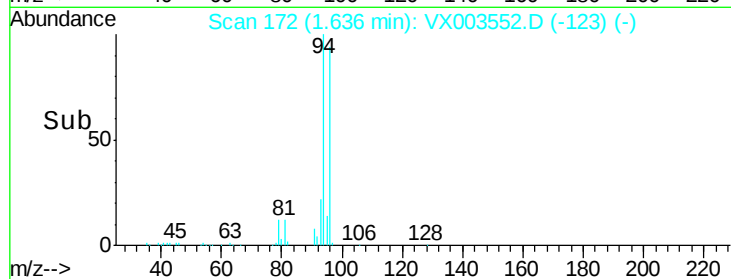
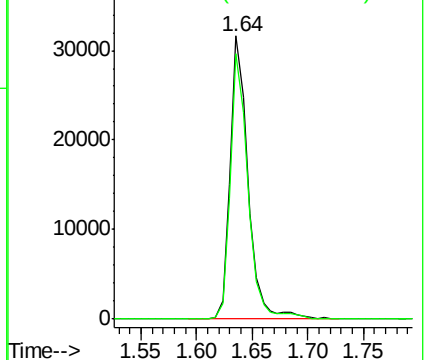
94 100

96 94.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.18 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003552.D

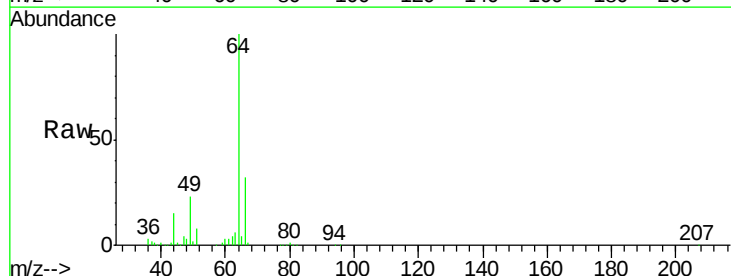
Acq: 21 Jul 2018 14:01

Tgt Ion: 64 Resp: 40327

Ion Ratio Lower Upper

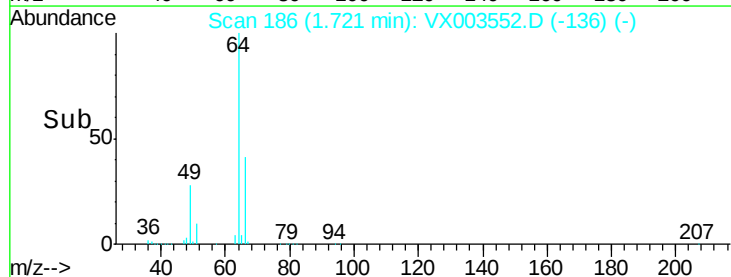
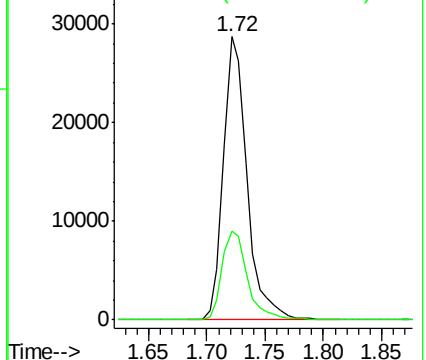
64 100

66 31.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



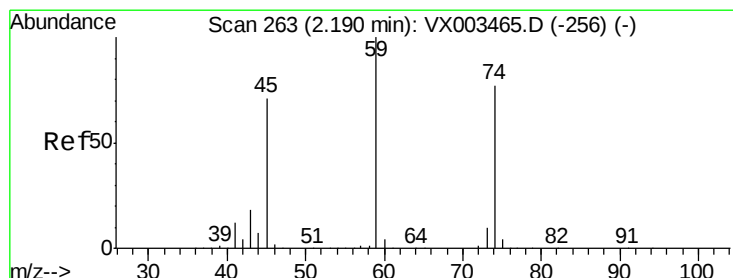
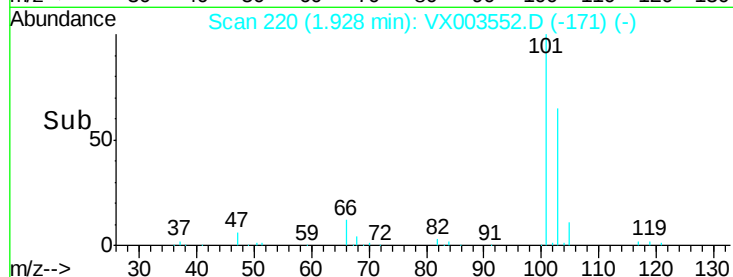
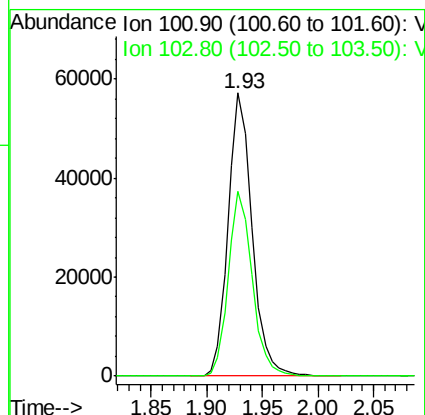
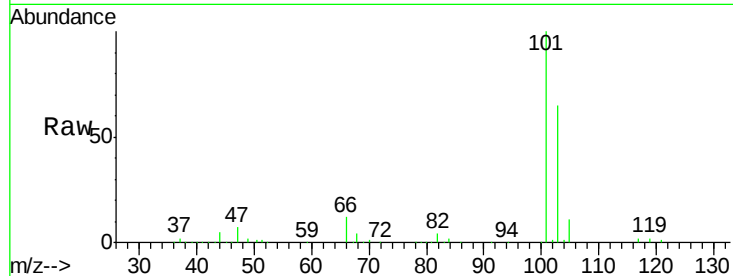


#7

Trichlorofluoromethane  
 Concen: 18.95 ug/l  
 RT: 1.93 min Scan# 220  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0721MBSD02

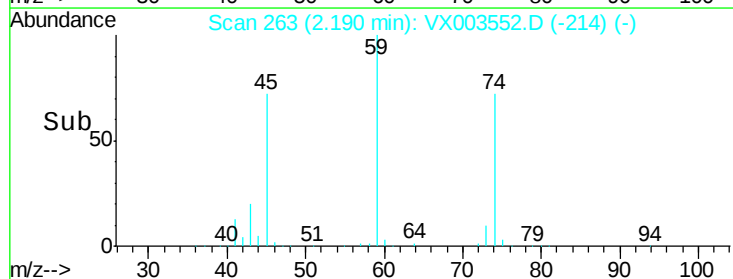
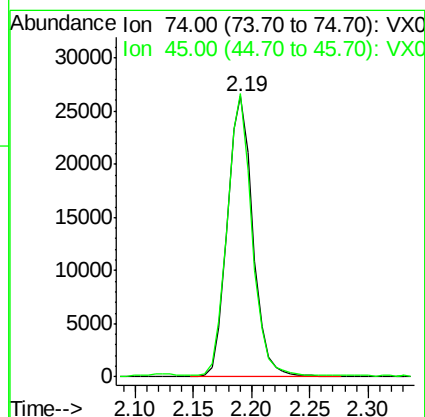
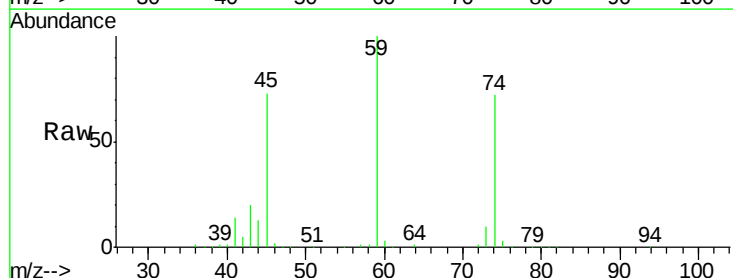
Tot Ion:101 Resp: 85380  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 52.8 79.2

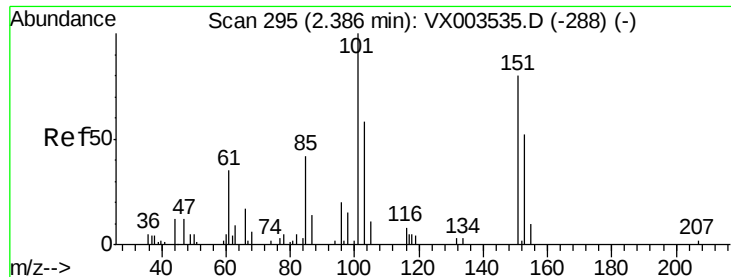


#8

Diethyl Ether  
 Concen: 20.73 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

Tgt Ion: 74 Resp: 40116  
 Ion Ratio Lower Upper  
 74 100  
 45 97.3 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.22 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

VX0721MBS02

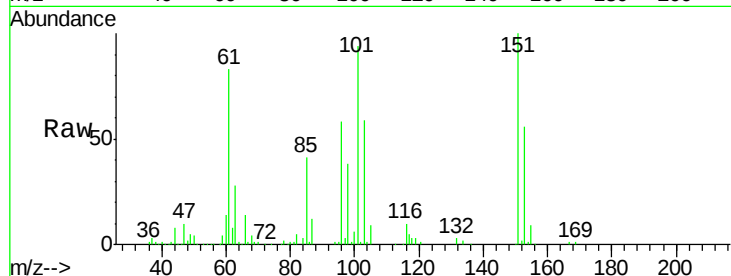
Tot Ion:101 Resp: 53732

Ion Ratio Lower Upper

101 100

85 43.6 36.0 54.0

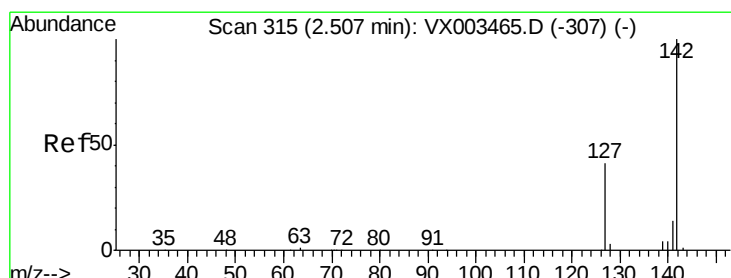
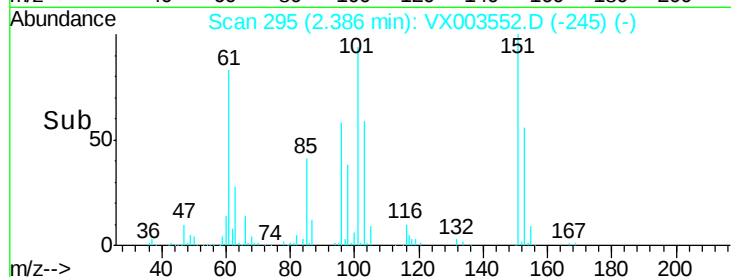
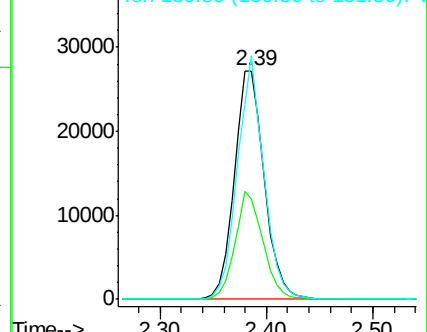
151 93.9 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.52 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

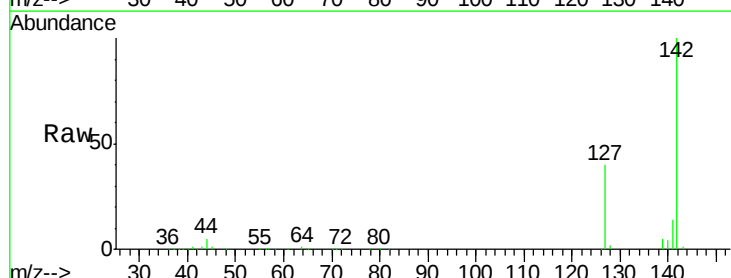
Tgt Ion:142 Resp: 72681

Ion Ratio Lower Upper

142 100

127 39.0 36.6 55.0

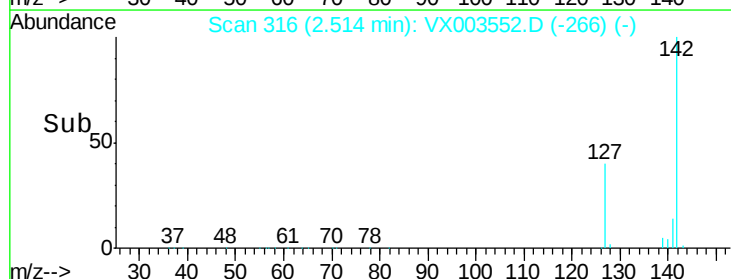
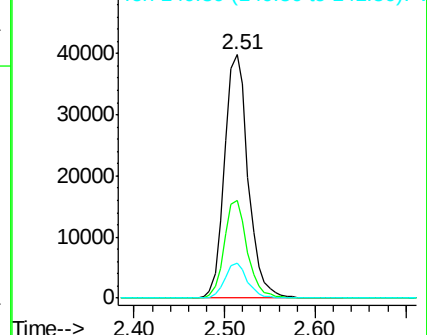
141 13.7 11.3 16.9

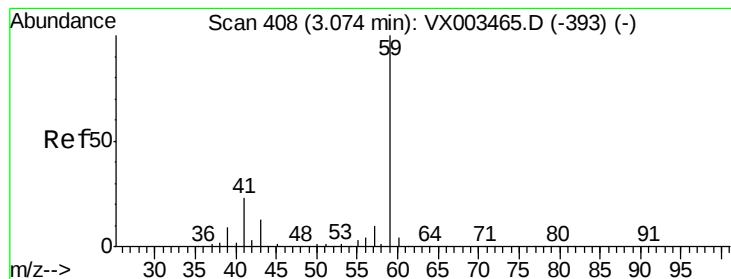


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



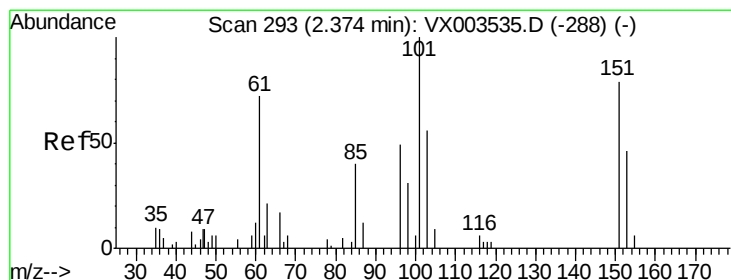
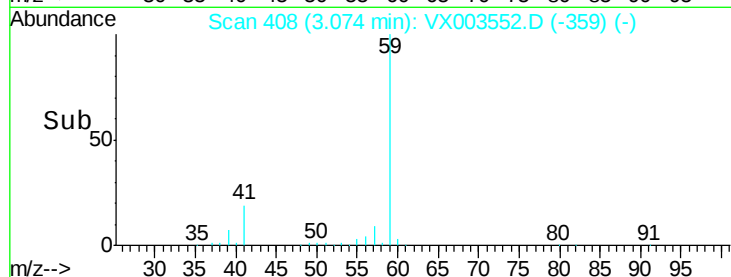
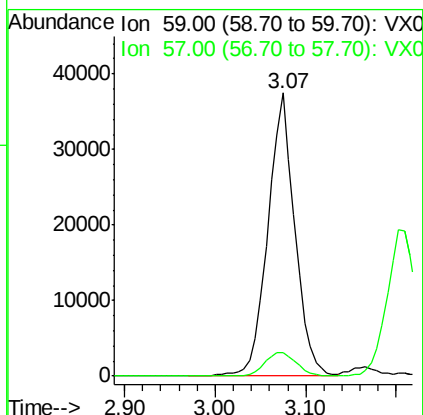
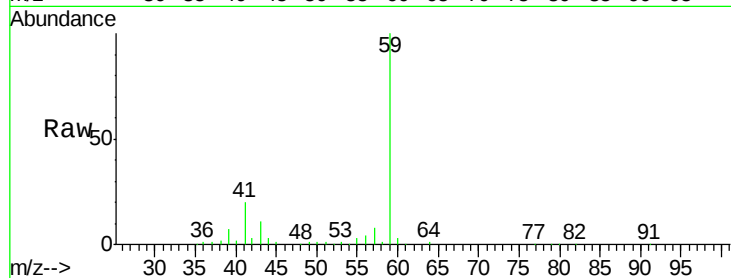


#11

Tert butyl alcohol  
 Concen: 123.87 ug/l  
 RT: 3.07 min Scan# 408  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0721MBSD02

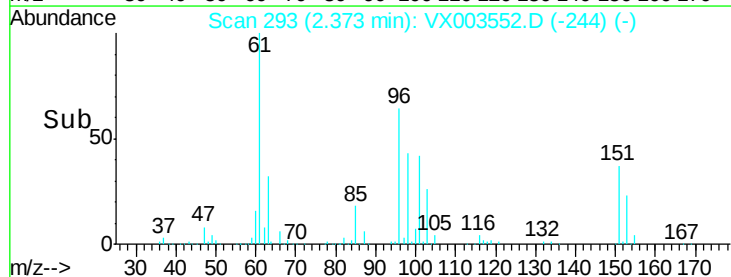
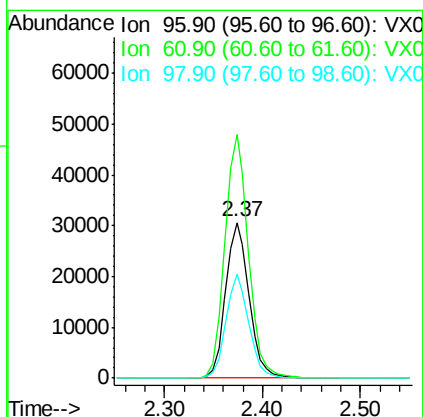
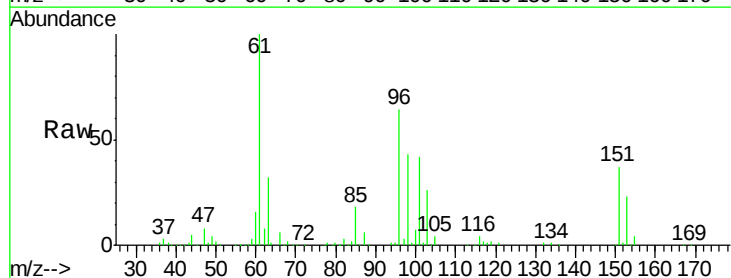
Tot Ion: 59 Resp: 77129  
 Ion Ratio Lower Upper  
 59 100  
 57 9.8 8.2 12.2

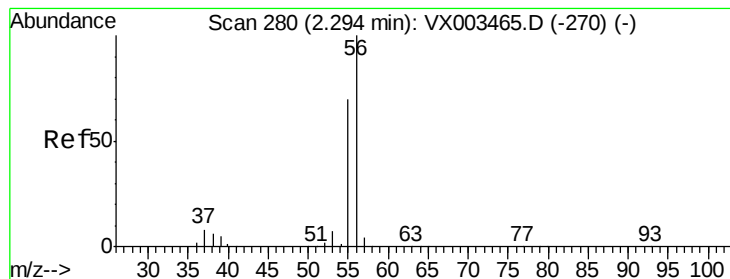


#12

1,1-Dichloroethene  
 Concen: 18.69 ug/l  
 RT: 2.37 min Scan# 293  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

Tgt Ion: 96 Resp: 50755  
 Ion Ratio Lower Upper  
 96 100  
 61 156.2 137.9 206.9  
 98 66.9 51.6 77.4





#13

Acrolein

Concen: 91.93 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

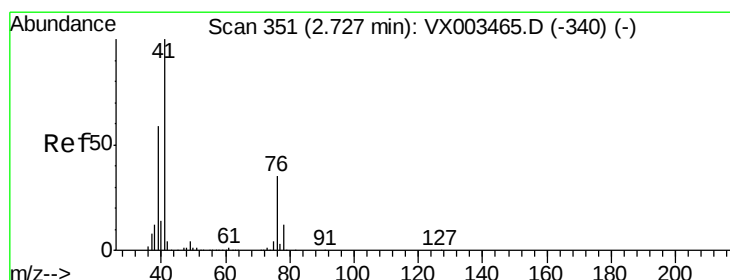
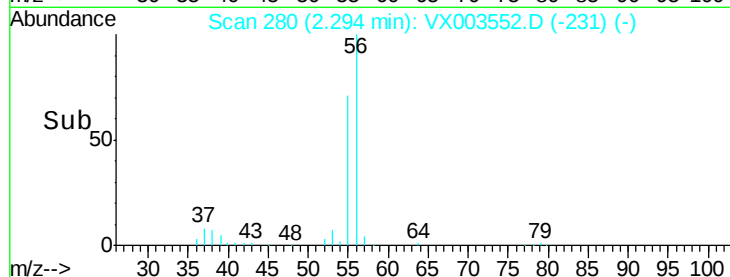
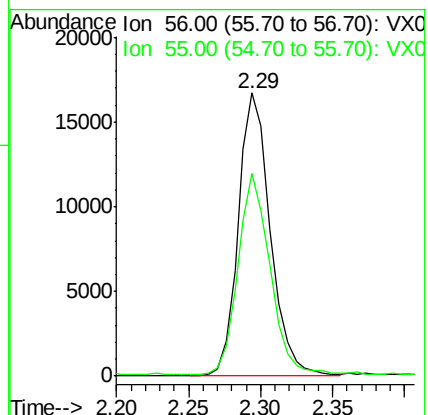
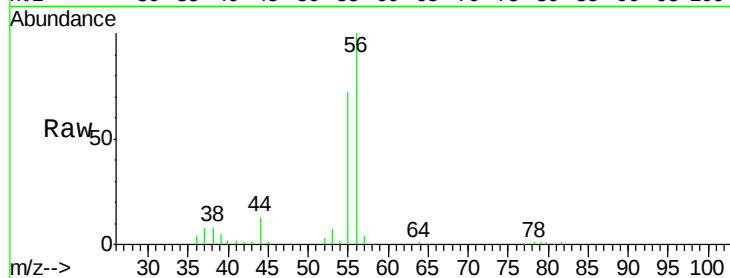
VX0721MBSD02

Tot Ion: 56 Resp: 25862

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4



#14

Allyl chloride

Concen: 20.25 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

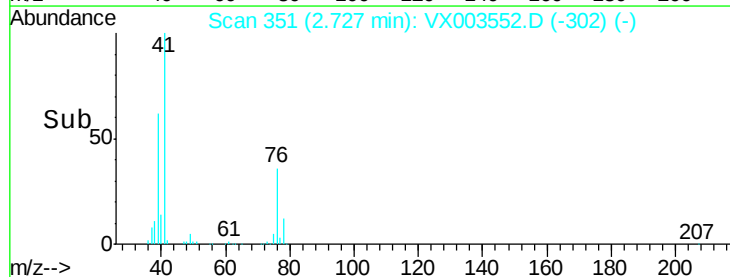
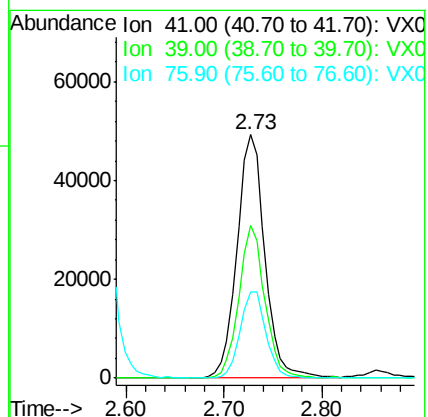
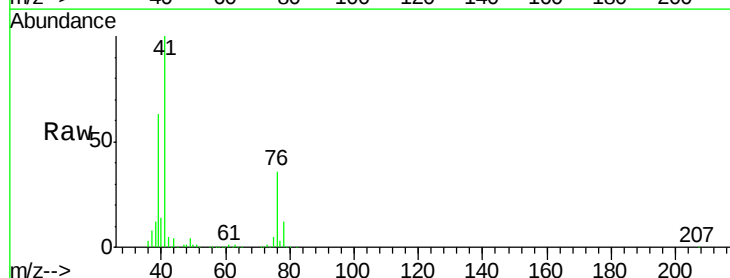
Tgt Ion: 41 Resp: 97308

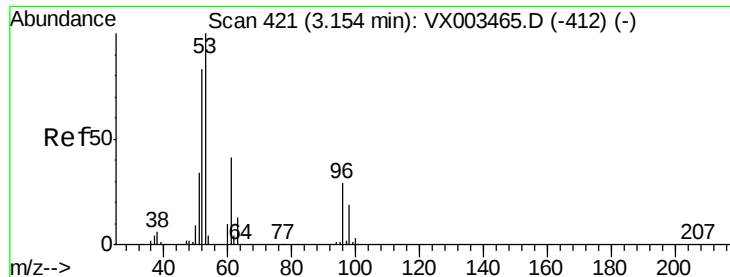
Ion Ratio Lower Upper

41 100

39 58.2 56.8 85.2

76 33.7 23.8 35.8





#15

Acrylonitrile

Concen: 115.70 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

VX0721MBSD02

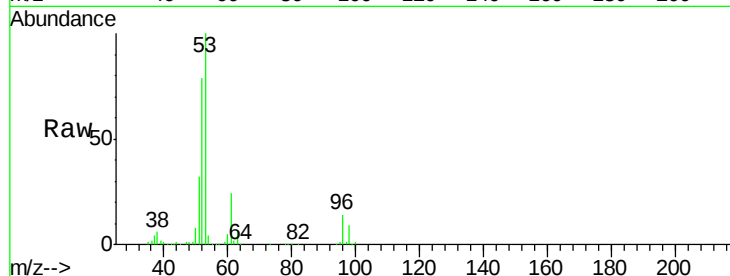
Tot Ion: 53 Resp: 183418

Ion Ratio Lower Upper

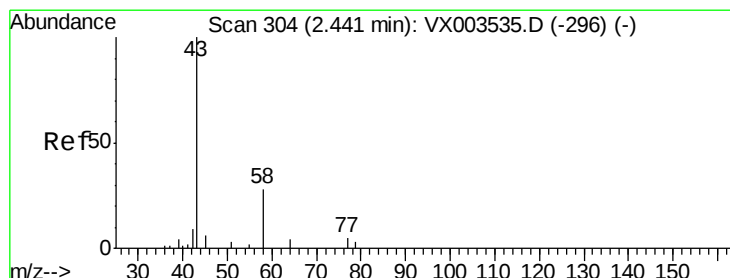
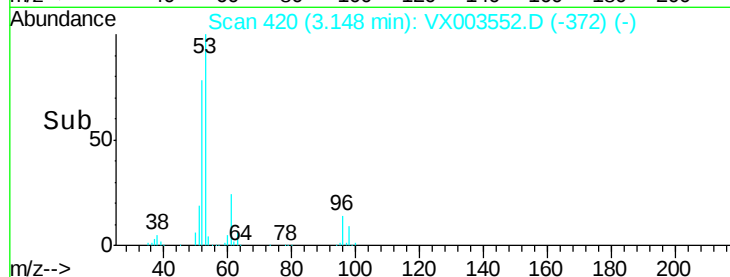
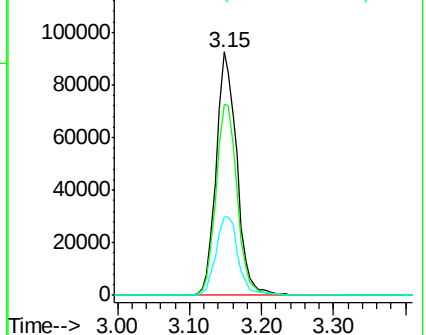
53 100

52 80.6 66.7 100.1

51 34.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0  
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 115.05 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003552.D

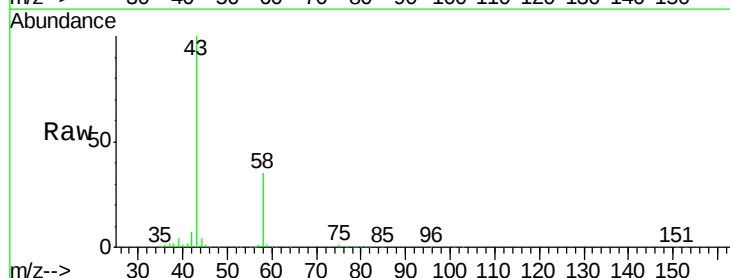
Acq: 21 Jul 2018 14:01

Tgt Ion: 43 Resp: 136749

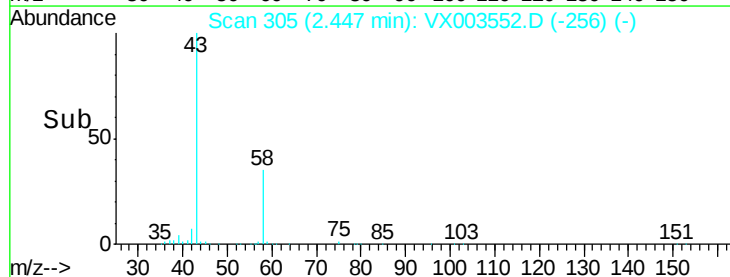
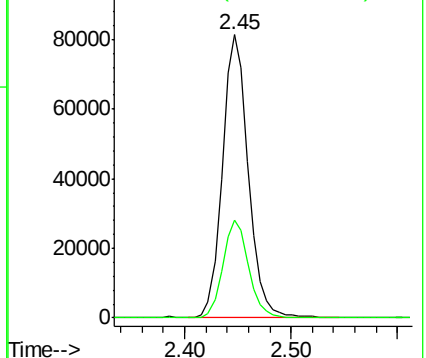
Ion Ratio Lower Upper

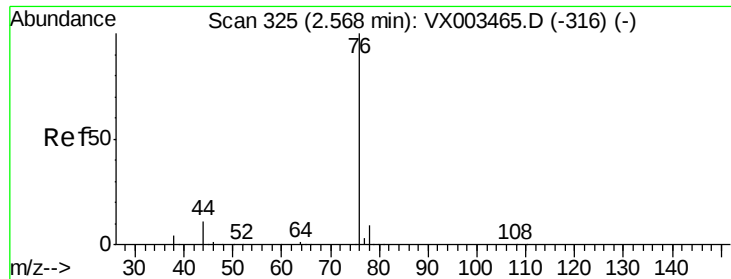
43 100

58 34.6 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

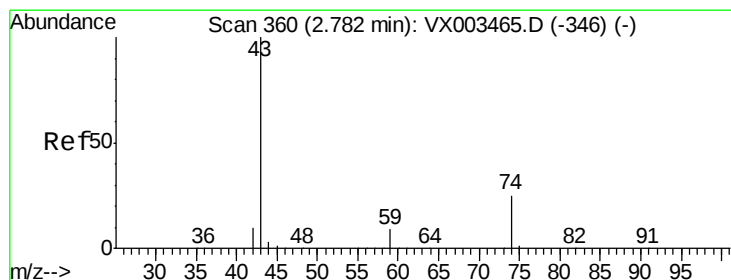
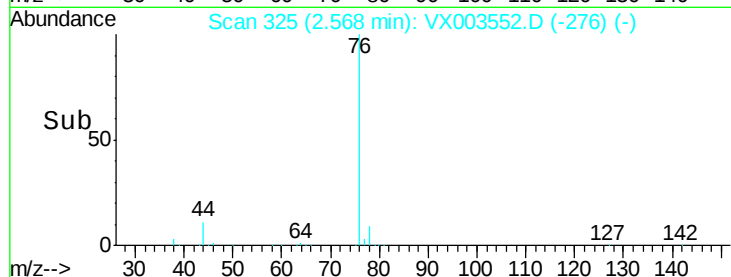
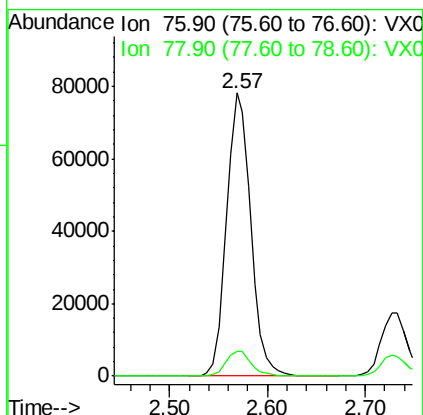
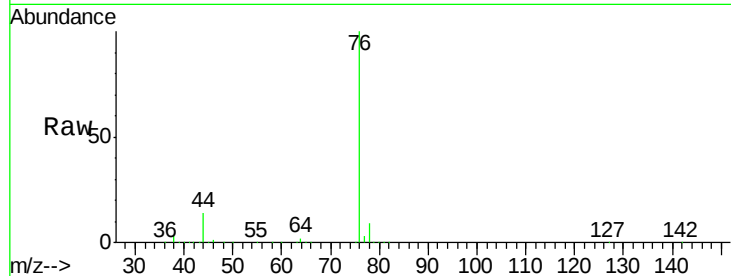




#17  
Carbon Disulfide  
Concen: 18.25 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

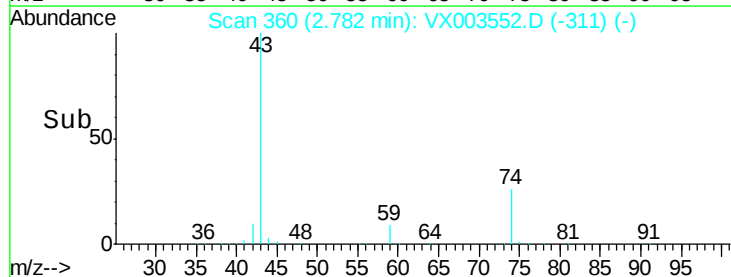
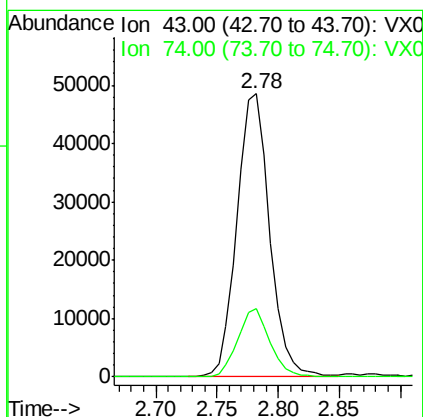
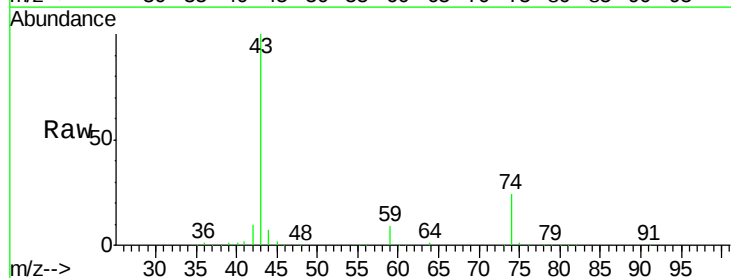
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0721MBSD02

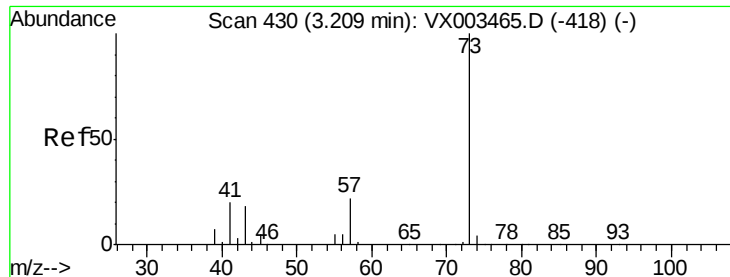
Tot Ion: 76 Resp: 134039  
Ion Ratio Lower Upper  
76 100  
78 8.8 6.9 10.3



#18  
Methyl Acetate  
Concen: 23.84 ug/l  
RT: 2.78 min Scan# 360  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Tgt Ion: 43 Resp: 89342  
Ion Ratio Lower Upper  
43 100  
74 24.2 16.7 25.1

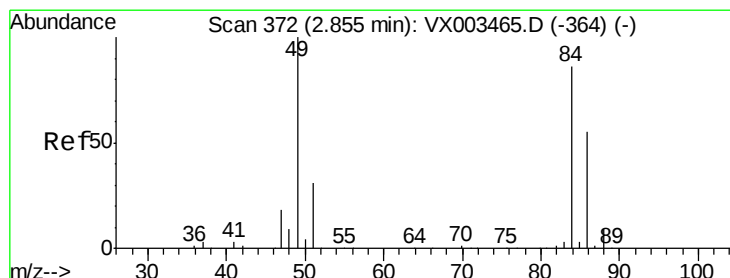
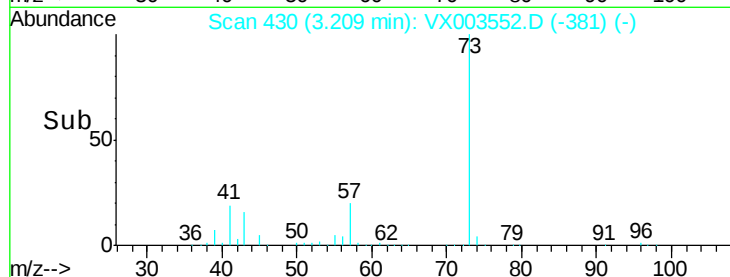
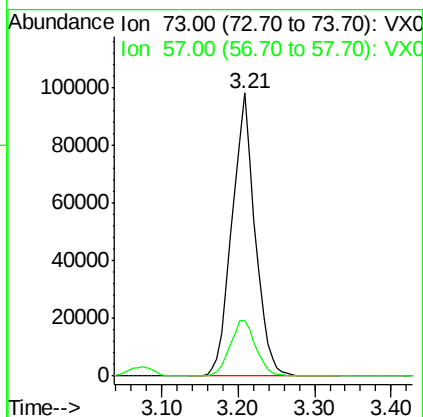
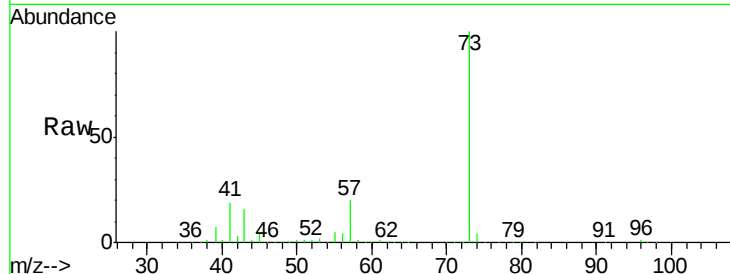




#19  
Methvl tert-butvl Ether  
Concen: 23.07 ug/l  
RT: 3.21 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

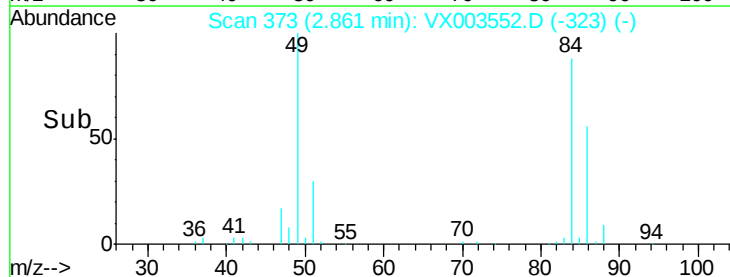
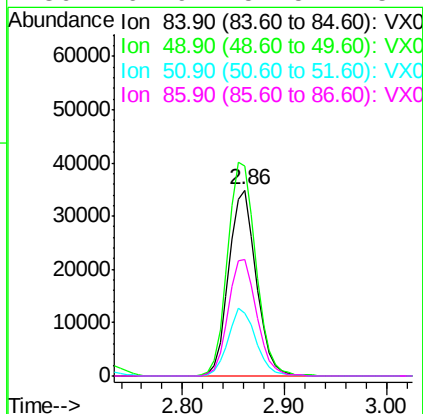
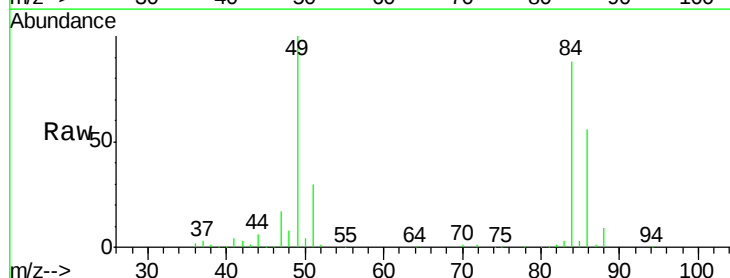
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0721MBSD02

Tot Ion: 73 Resp: 204573  
Ion Ratio Lower Upper  
73 100  
57 19.6 17.7 26.5



#20  
Methylene Chloride  
Concen: 21.87 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.01 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Tgt Ion: 84 Resp: 64983  
Ion Ratio Lower Upper  
84 100  
49 113.1 107.8 161.6  
51 34.1 32.8 49.2  
86 62.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.23 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

VX0721MBS02

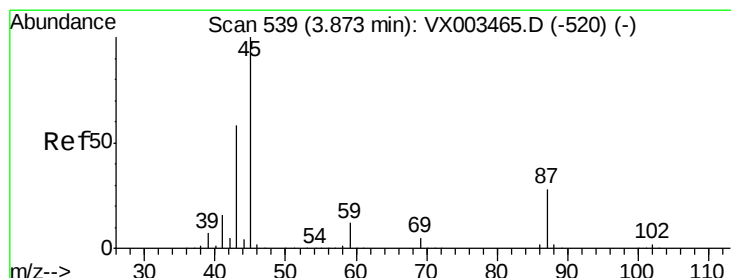
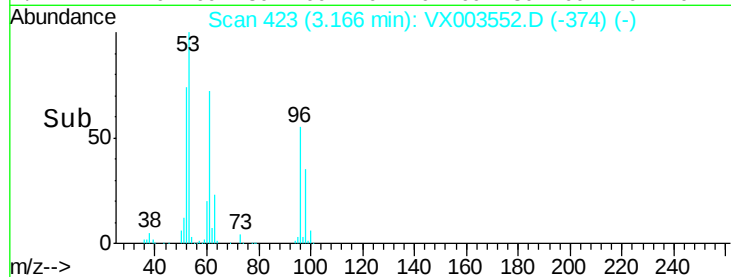
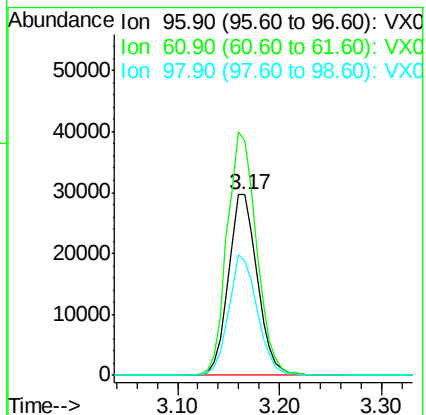
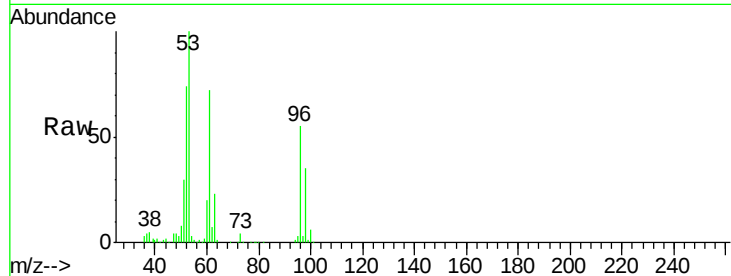
Tot Ion: 96 Resp: 58101

Ion Ratio Lower Upper

96 100

61 130.1 117.0 175.4

98 63.0 52.4 78.6



#22

Diisopropyl ether

Concen: 21.85 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Tgt Ion: 45 Resp: 197613

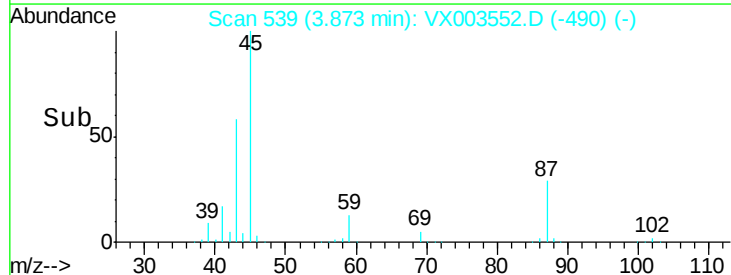
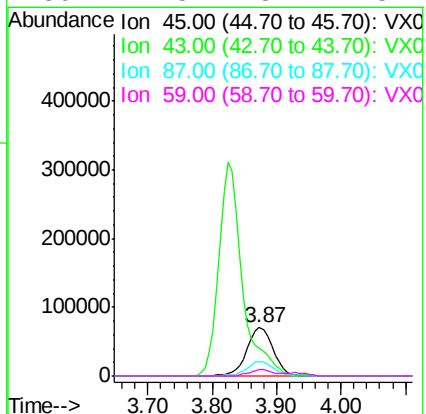
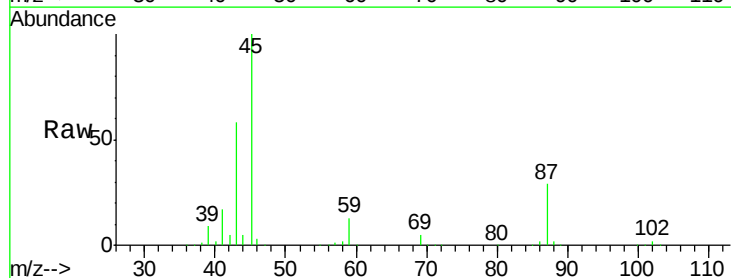
Ion Ratio Lower Upper

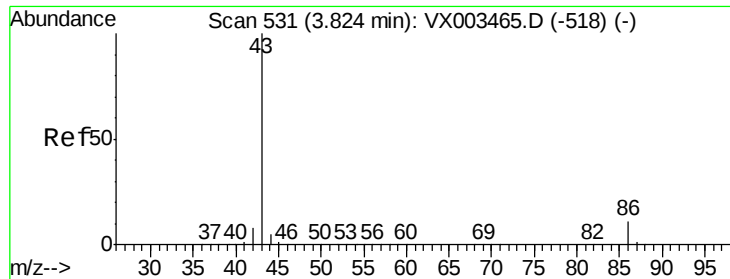
45 100

43 57.8 46.8 70.2

87 29.1 20.2 30.4

59 12.8 8.7 13.1





#23

Vinyl Acetate

Concen: 108.41 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

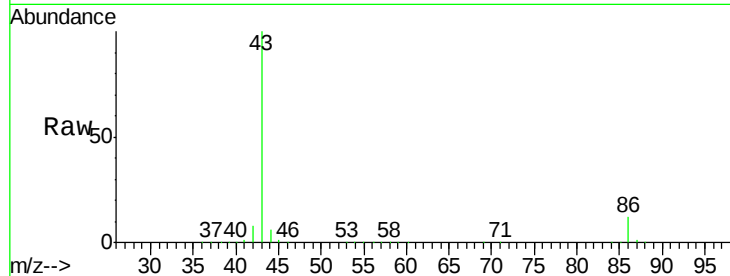
VX0721MBSD02

Tot Ion: 43 Resp: 807608

Ion Ratio Lower Upper

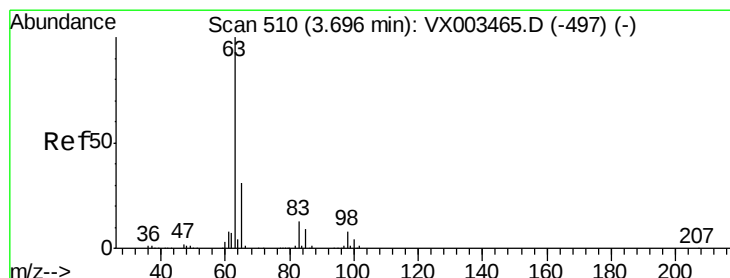
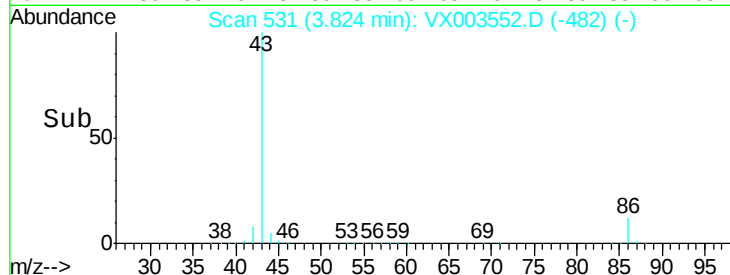
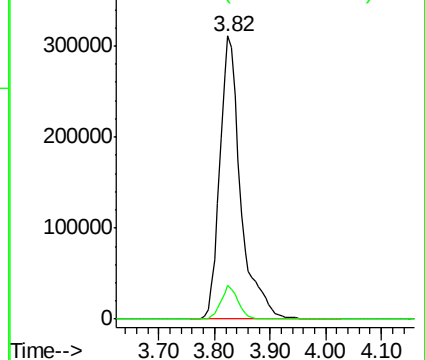
43 100

86 11.8 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.70 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

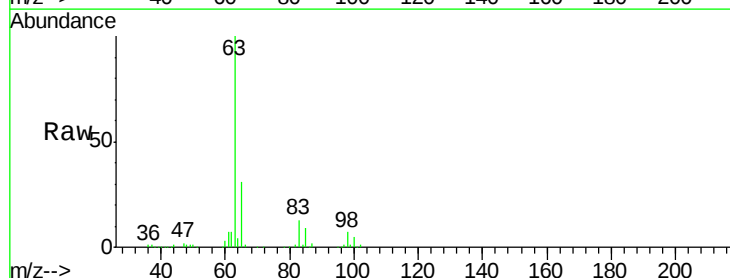
Tgt Ion: 63 Resp: 109840

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.2

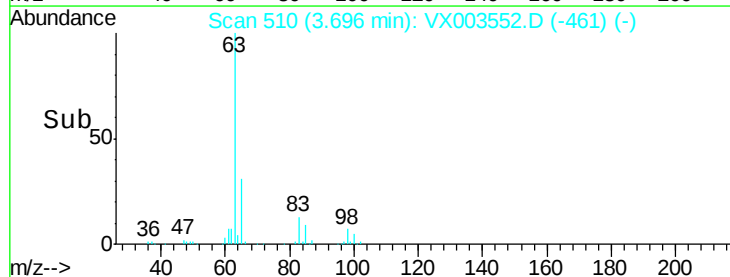
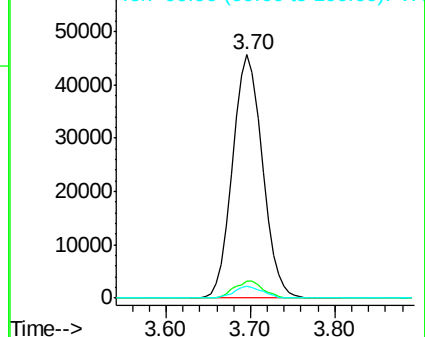
100 4.7 2.0 6.0

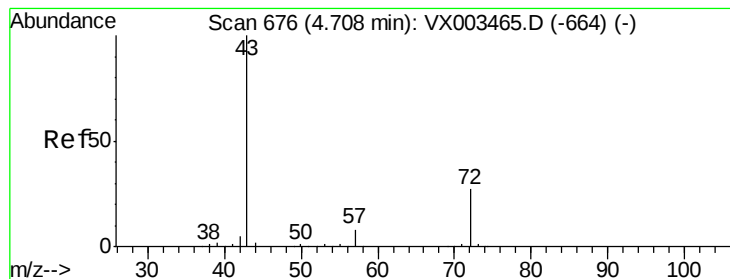


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 114.79 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

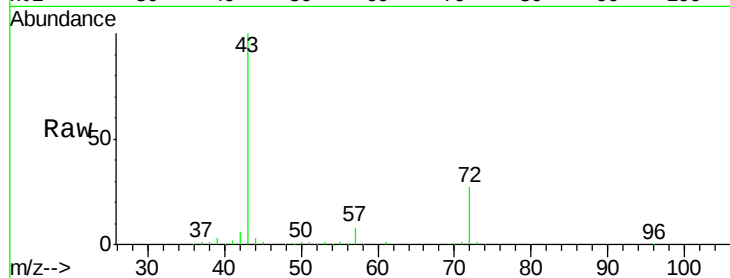
VX0721MBSD02

Tot Ion: 43 Resp: 228919

Ion Ratio Lower Upper

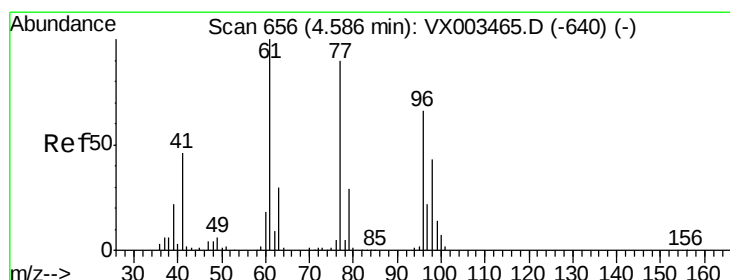
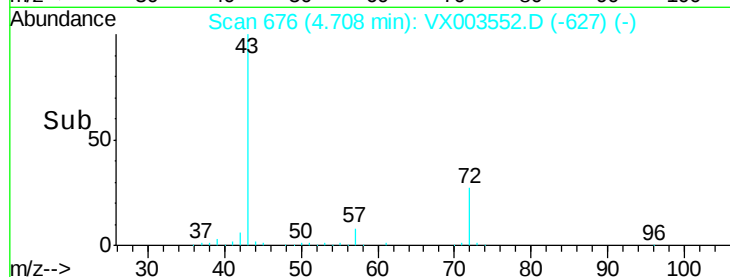
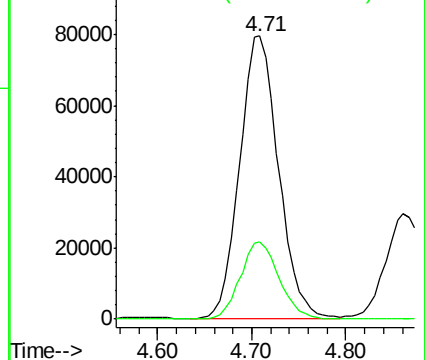
43 100

72 27.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.69 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003552.D

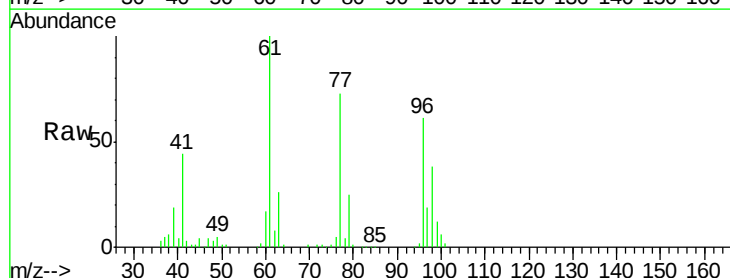
Acq: 21 Jul 2018 14:01

Tgt Ion: 77 Resp: 75339

Ion Ratio Lower Upper

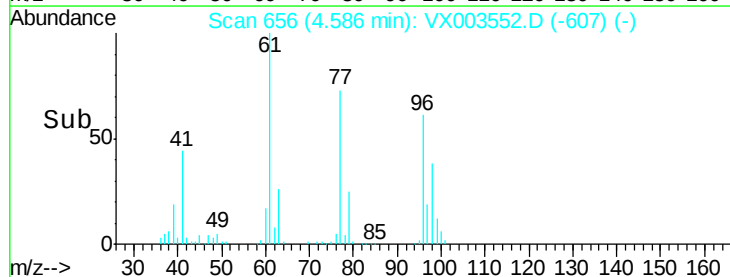
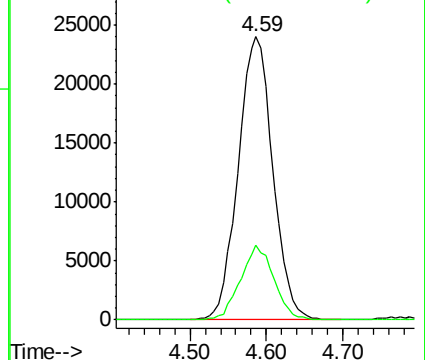
77 100

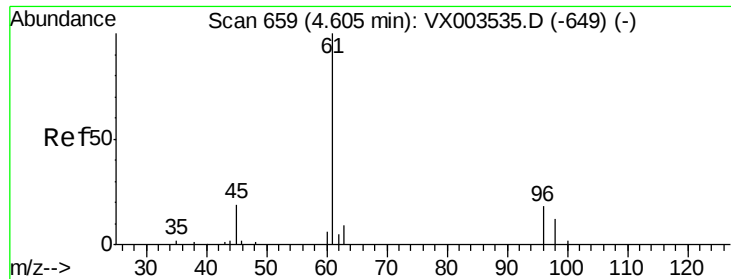
97 25.4 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



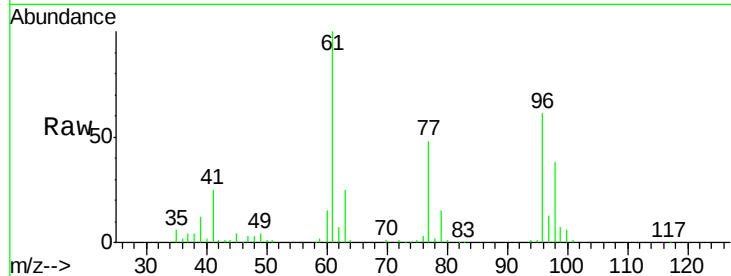


#27

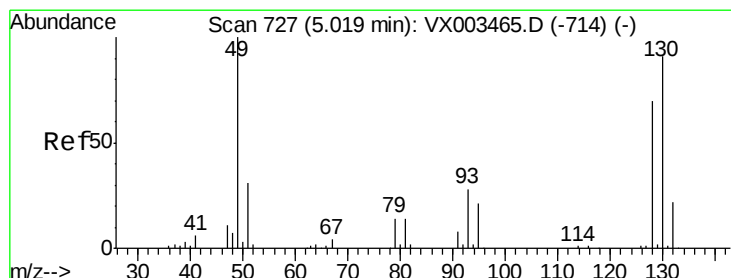
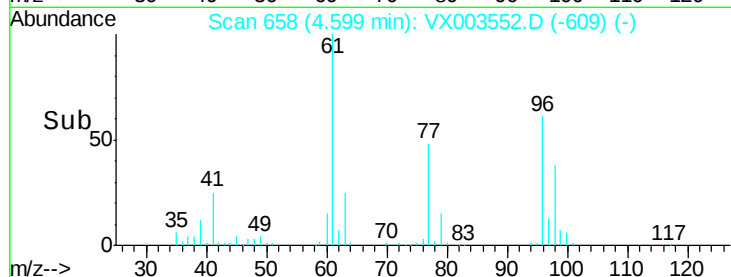
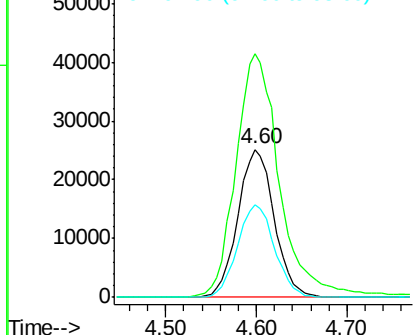
cis-1,2-Dichloroethene  
Concen: 20.68 ug/l  
RT: 4.60 min Scan# 658  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0721MBS02

Tot Ion: 96 Resp: 69557  
Ion Ratio Lower Upper  
96 100  
61 201.2 0.0 330.2  
98 64.3 0.0 130.2



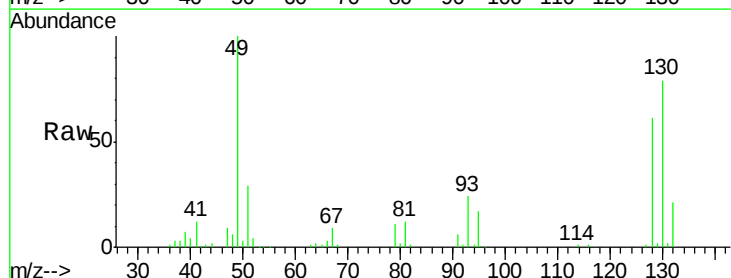
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



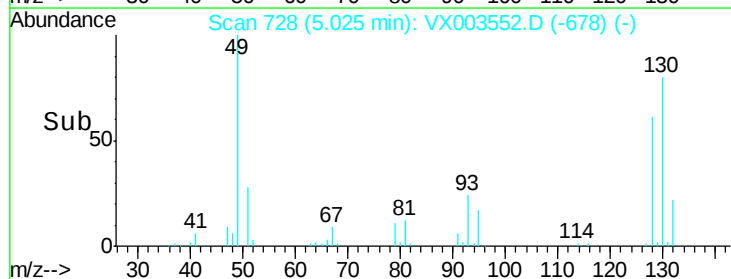
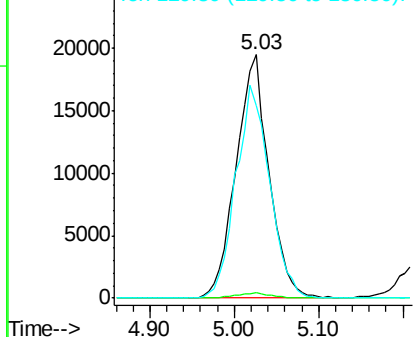
#28

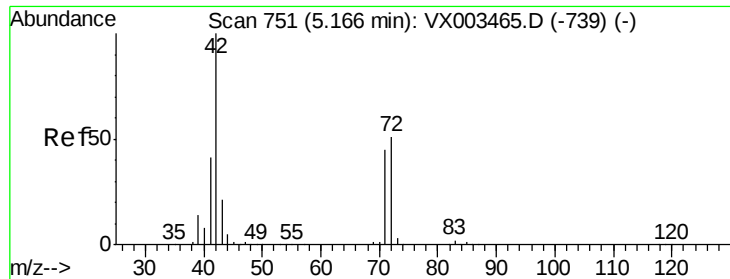
Bromochloromethane  
Concen: 22.16 ug/l  
RT: 5.03 min Scan# 728  
Delta R.T. 0.01 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Tgt Ion: 49 Resp: 51389  
Ion Ratio Lower Upper  
49 100  
129 2.2 0.0 4.2  
130 89.8 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0  
Ion 128.80 (128.50 to 129.50): V  
Ion 129.80 (129.50 to 130.50): V

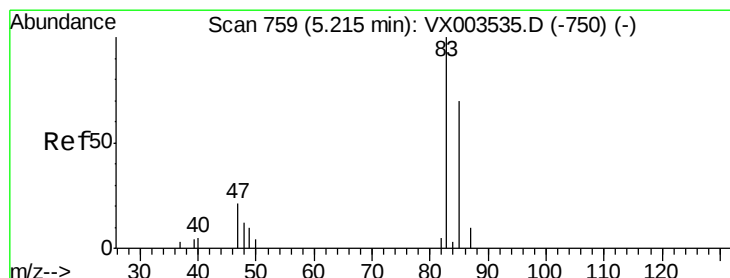
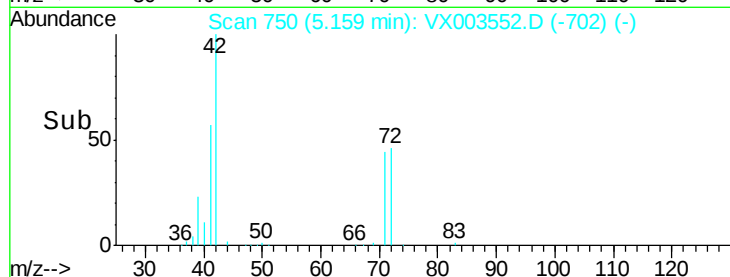
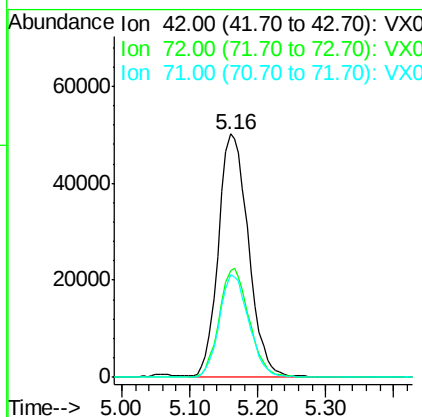
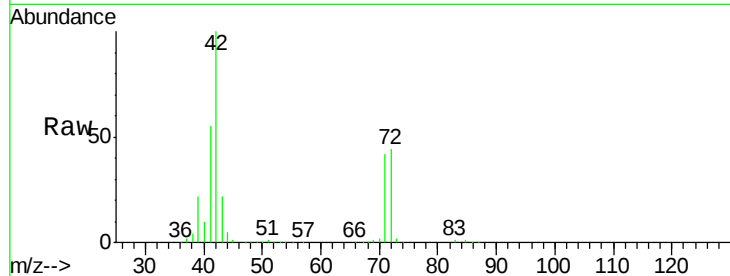




#29  
Tetrahydrofuran  
Concen: 116.23 ug/l  
RT: 5.16 min Scan# 750  
Delta R.T. -0.01 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

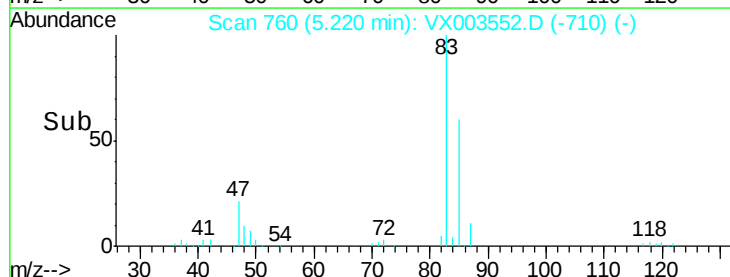
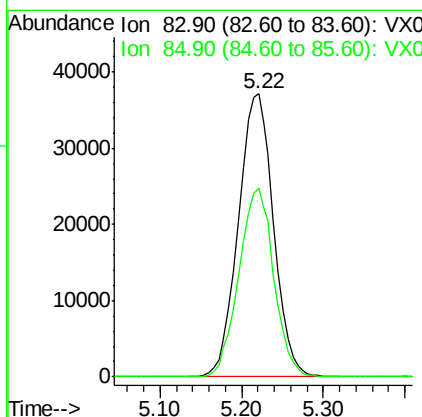
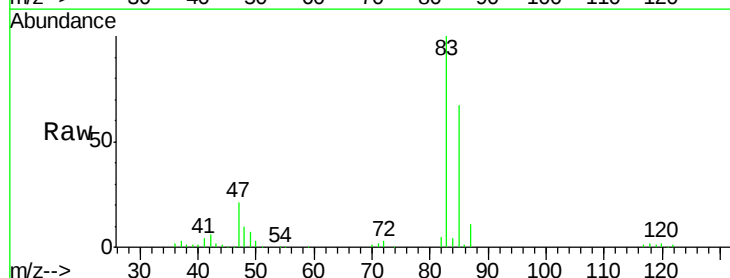
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0721MBS02

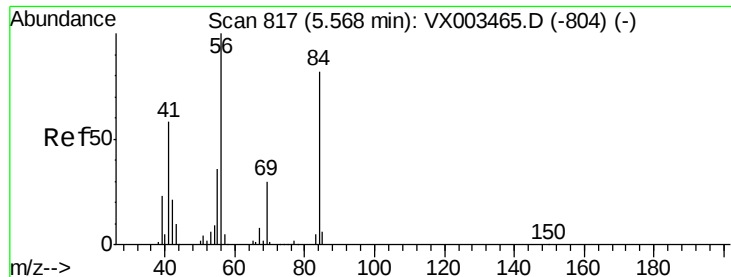
Tot Ion: 42 Resp: 153123  
Ion Ratio Lower Upper  
42 100  
72 44.7 32.0 48.0  
71 41.7 30.1 45.1



#30  
Chloroform  
Concen: 21.43 ug/l  
RT: 5.22 min Scan# 760  
Delta R.T. 0.01 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Tgt Ion: 83 Resp: 111051  
Ion Ratio Lower Upper  
83 100  
85 66.5 50.4 75.6





#31

Cyclohexane

Concen: 18.71 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

VX0721MBS02

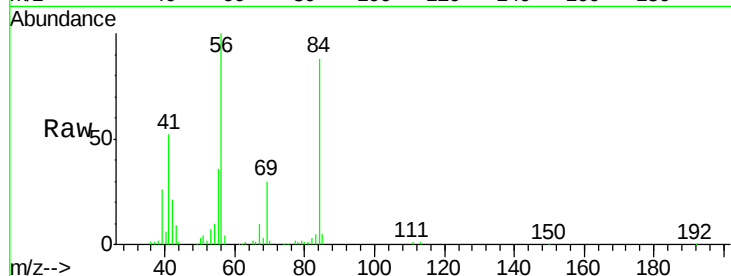
Tot Ion: 56 Resp: 88726

Ion Ratio Lower Upper

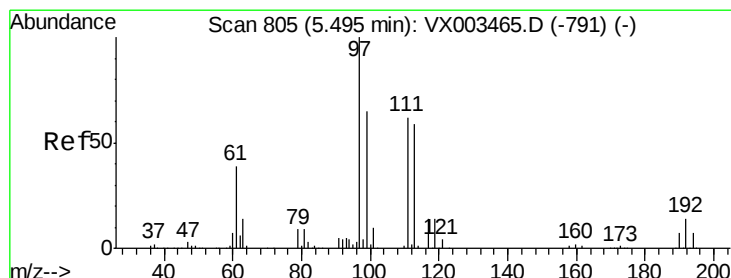
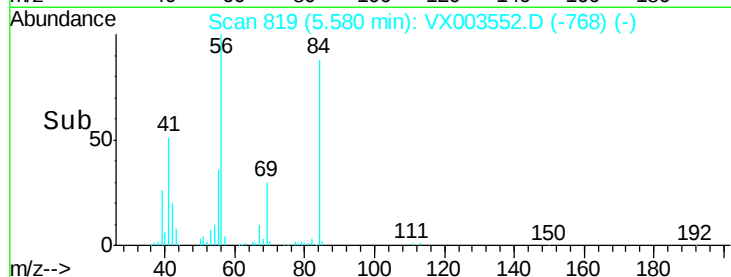
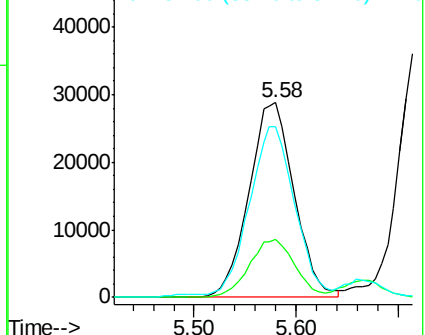
56 100

69 29.9 23.7 35.5

84 86.5 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.23 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

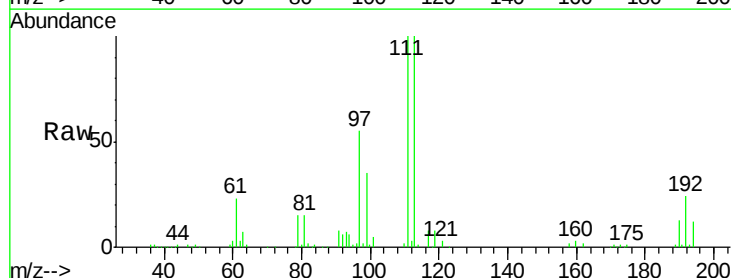
Tgt Ion: 97 Resp: 89753

Ion Ratio Lower Upper

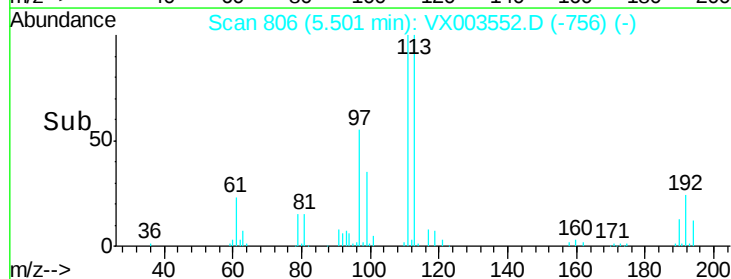
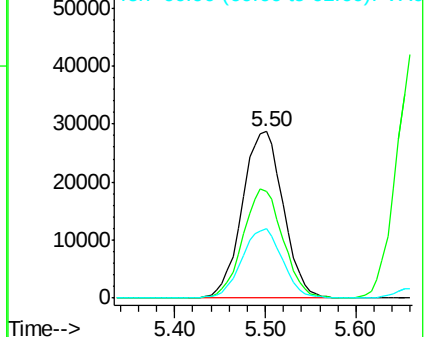
97 100

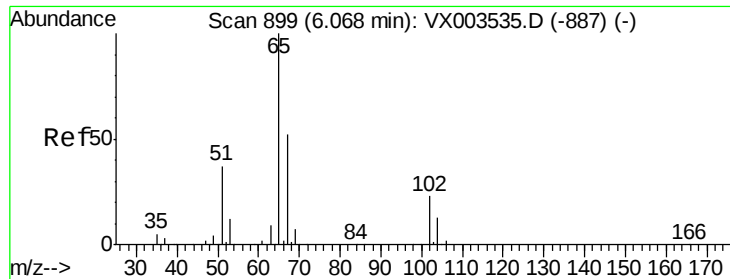
99 64.0 51.6 77.4

61 41.6 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0  
Ion 98.90 (98.60 to 99.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 55.20 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

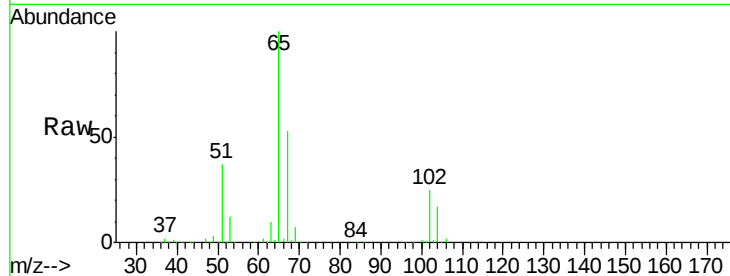
VX0721MBSD02

Tot Ion: 65 Resp: 173702

Ion Ratio Lower Upper

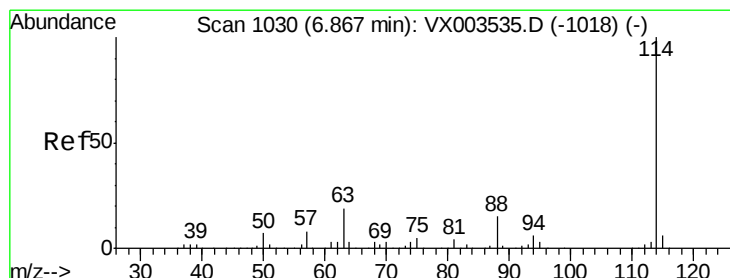
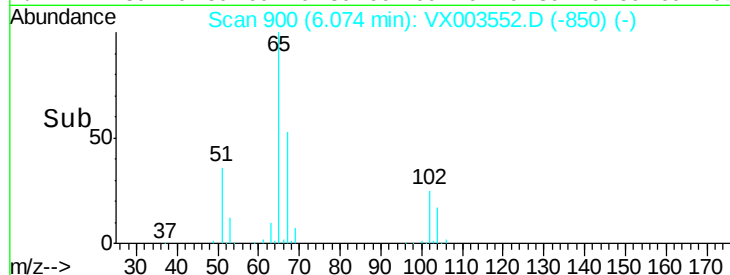
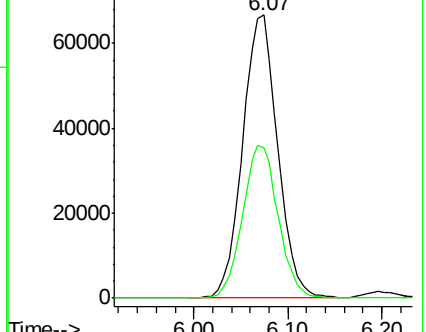
65 100

67 54.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

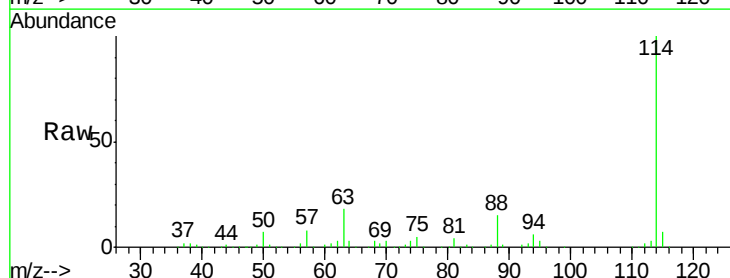
Tgt Ion: 114 Resp: 381840

Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.4

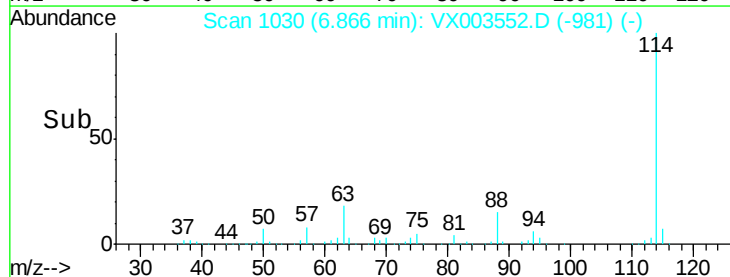
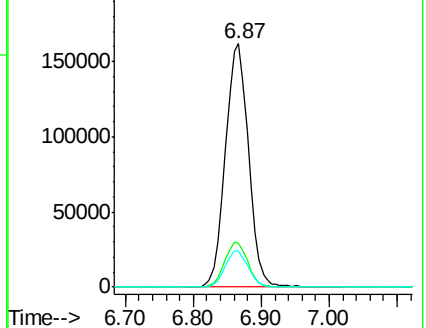
88 14.8 0.0 30.0

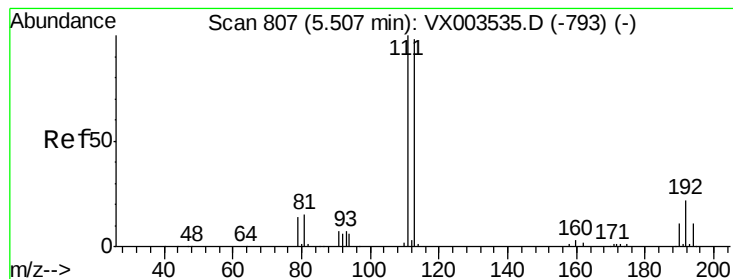


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.30 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

VX0721MBSD02

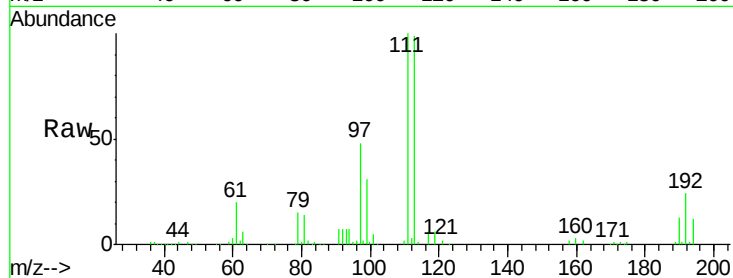
Tot Ion:113 Resp: 152103

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

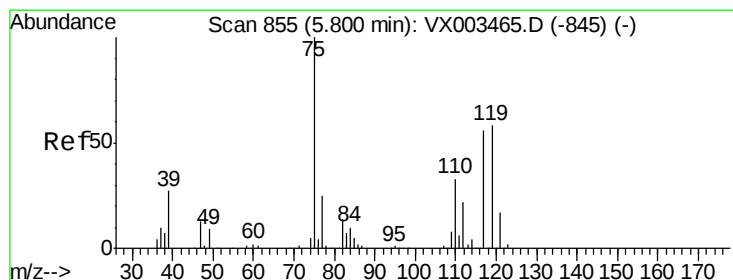
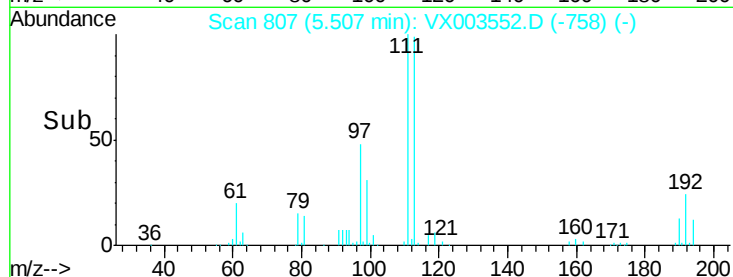
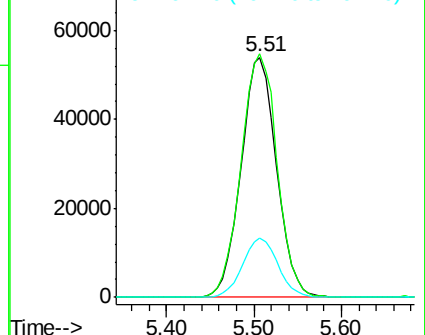
192 24.7 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.71 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

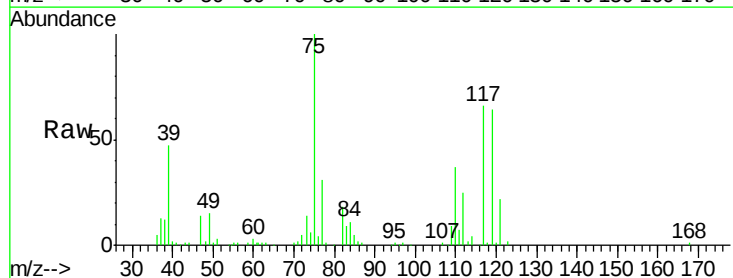
Tgt Ion: 75 Resp: 77144

Ion Ratio Lower Upper

75 100

110 38.9 18.1 54.4

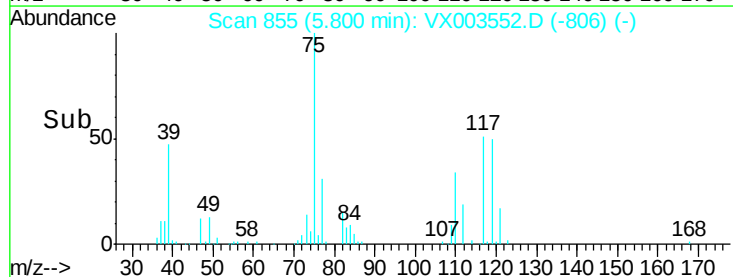
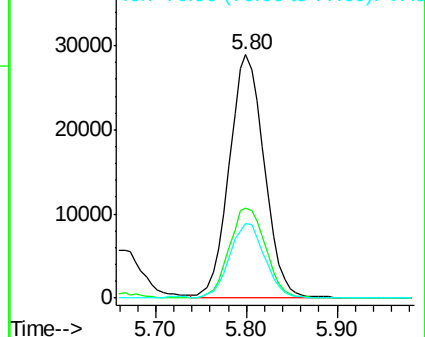
77 31.2 24.3 36.5

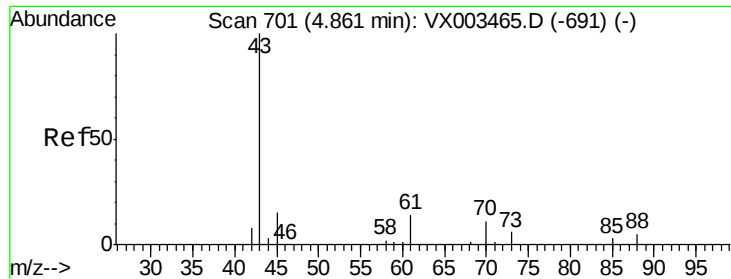


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

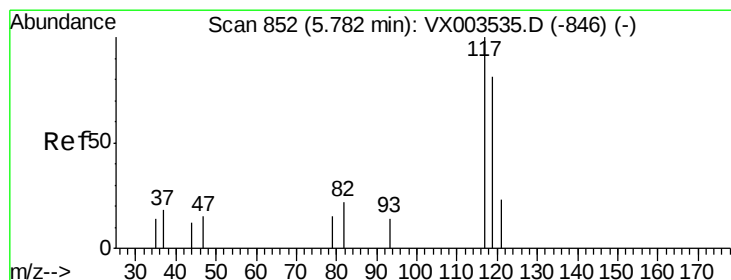
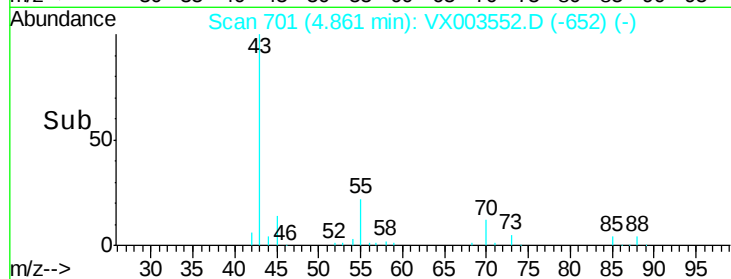
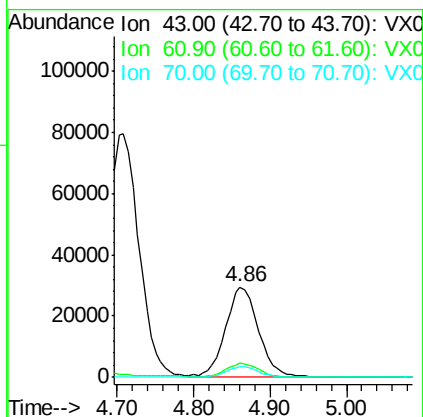
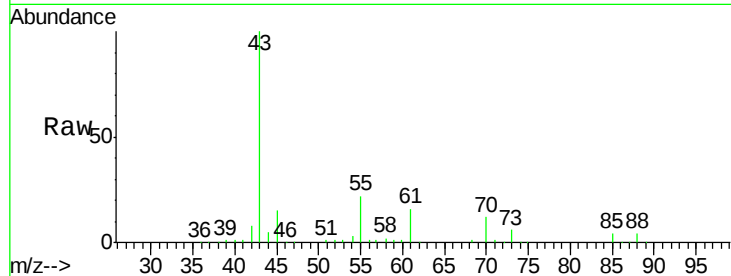




#37  
Ethyl Acetate  
Concen: 22.38 ug/l  
RT: 4.86 min Scan# 701  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

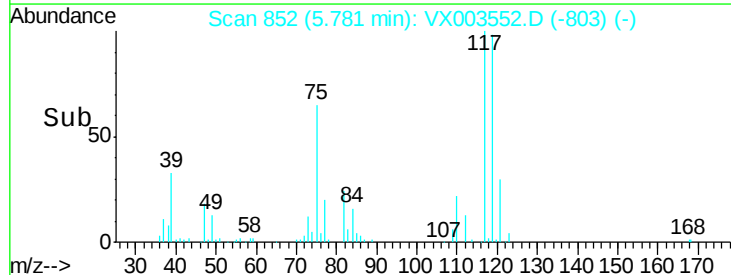
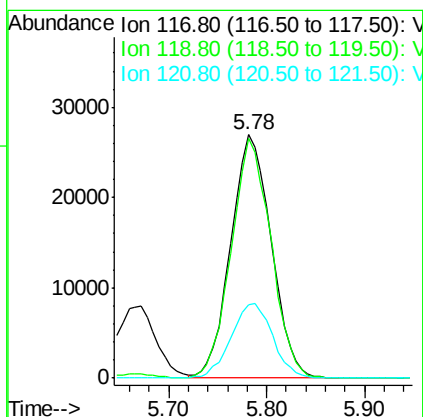
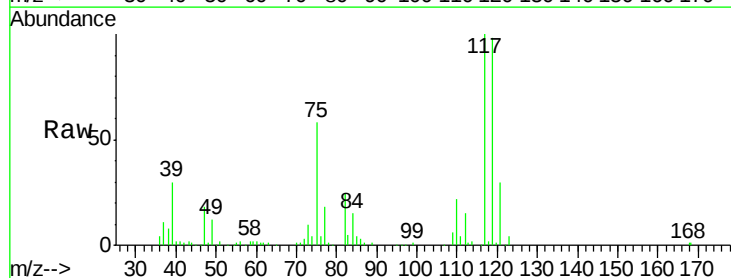
Instrument :  
MSVOA\_X  
ClientSampleID :  
VX0721MBS02

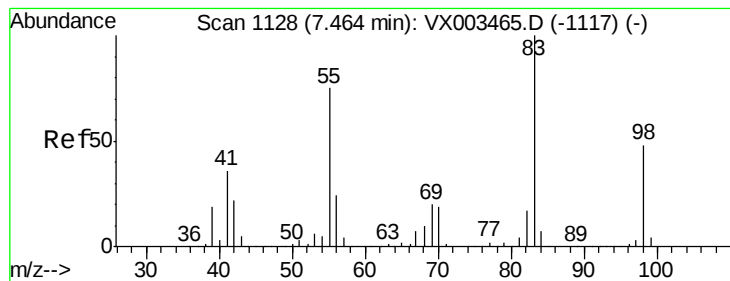
Tot Ion: 43 Resp: 87310  
Ion Ratio Lower Upper  
43 100  
61 15.6 10.4 15.6  
70 11.5 7.6 11.4#



#38  
Carbon Tetrachloride  
Concen: 19.18 ug/l  
RT: 5.78 min Scan# 852  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Tgt Ion: 117 Resp: 77574  
Ion Ratio Lower Upper  
117 100  
119 98.4 77.4 116.0  
121 30.1 24.4 36.6





#39

Methvlcvclohexane

Concen: 18.42 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

VX0721MBSD02

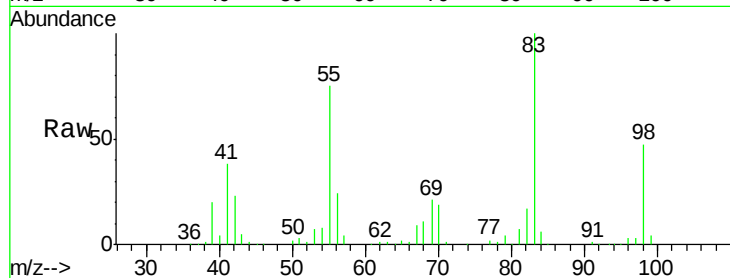
Tot Ion: 83 Resp: 89918

Ion Ratio Lower Upper

83 100

55 75.2 65.4 98.0

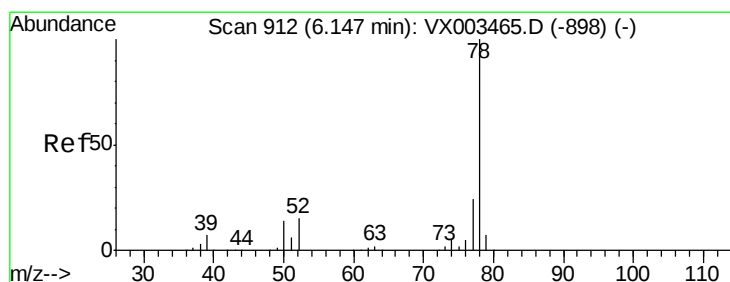
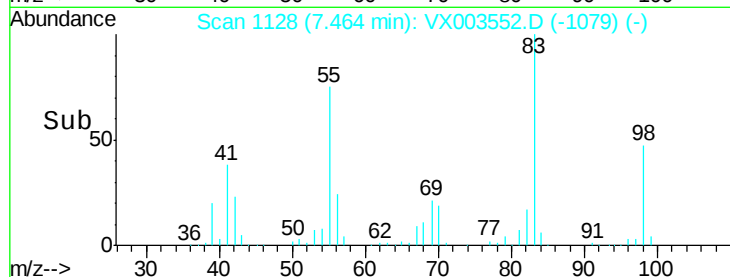
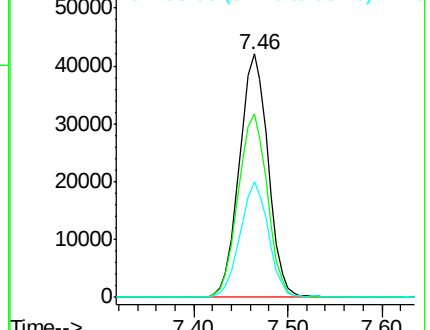
98 47.2 37.4 56.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 20.61 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003552.D

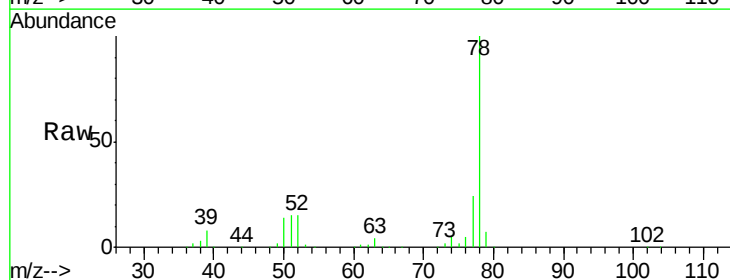
Acq: 21 Jul 2018 14:01

Tgt Ion: 78 Resp: 256486

Ion Ratio Lower Upper

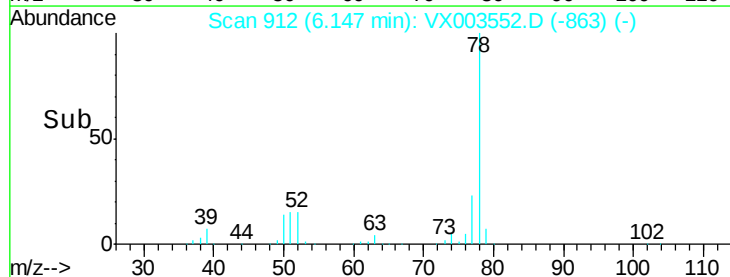
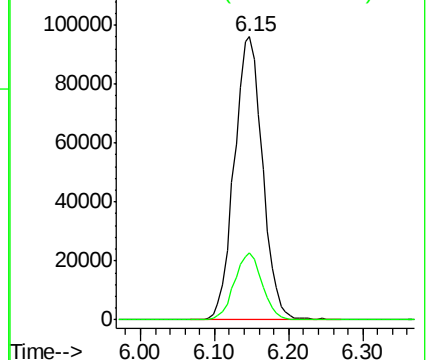
78 100

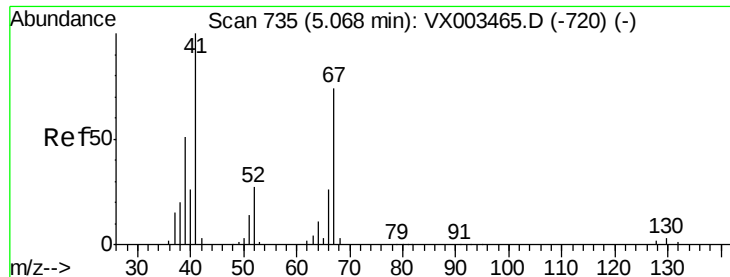
77 23.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

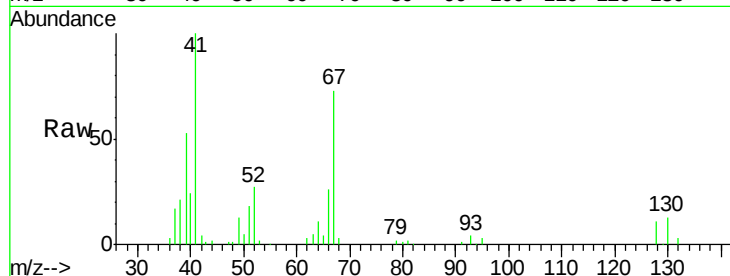




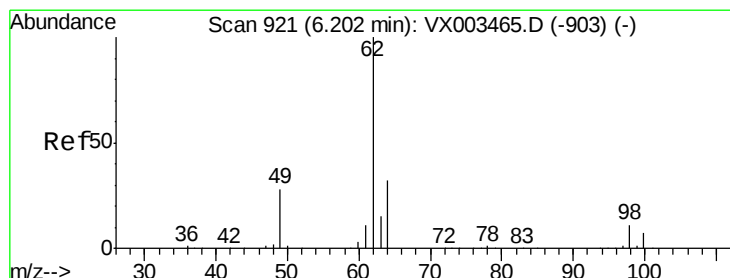
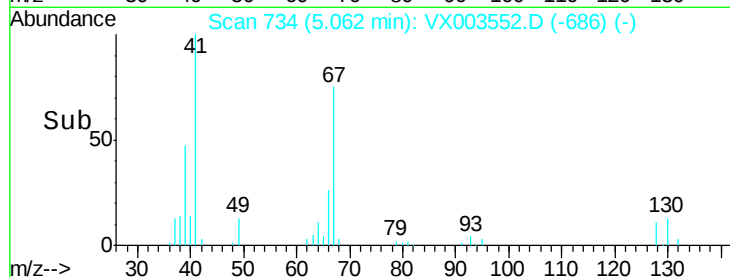
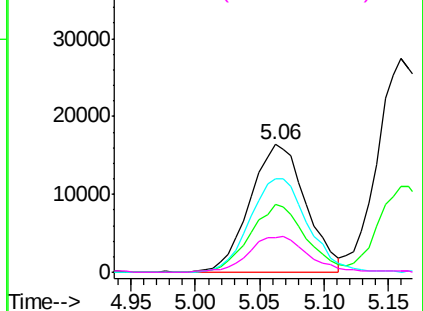
#41  
Methacrylonitrile  
Concen: 21.58 ug/l  
RT: 5.06 min Scan# 734  
Delta R.T. -0.01 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0721MBSD02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 49481 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 53.0  | 45.8  | 68.6  |
| 67       | 75.6  | 51.3  | 76.9  |
| 52       | 29.4  | 23.0  | 34.6  |

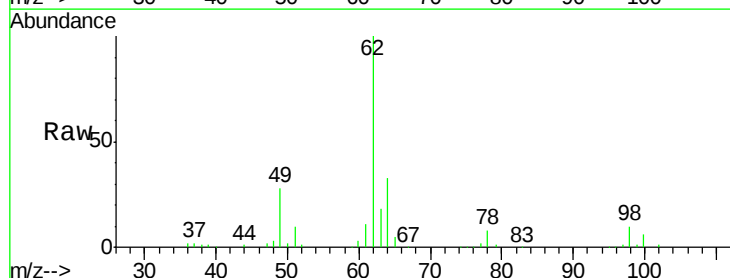


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

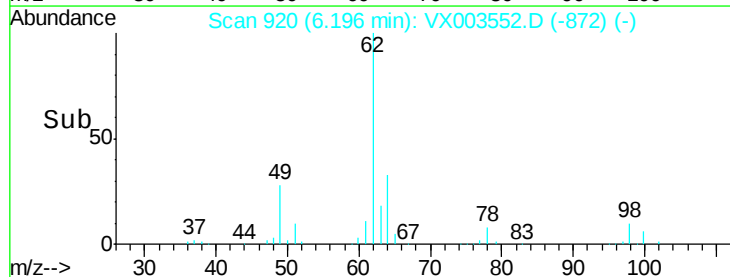
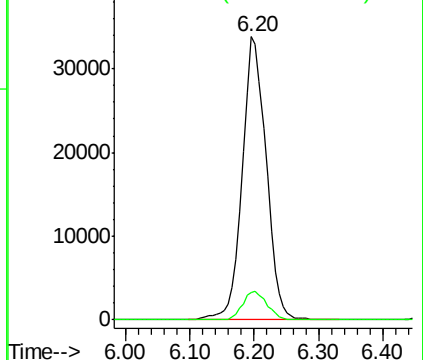


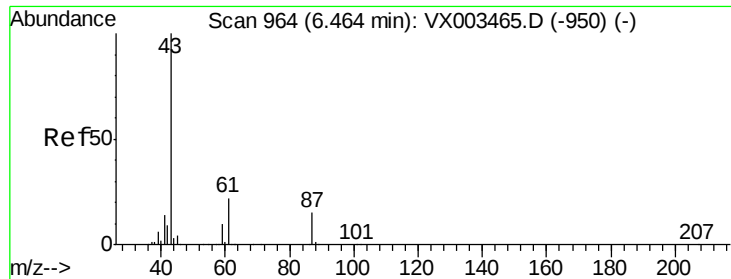
#42  
1,2-Dichloroethane  
Concen: 22.08 ug/l  
RT: 6.20 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 86580 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.3  | 0.0   | 16.6  |



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



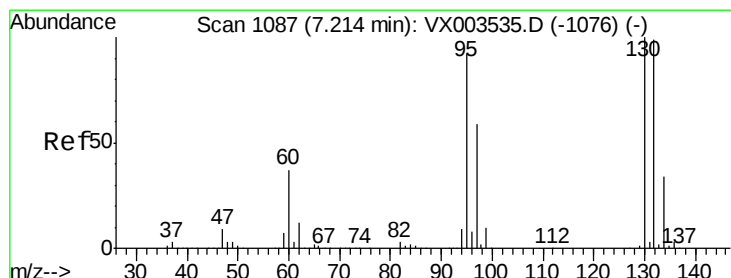
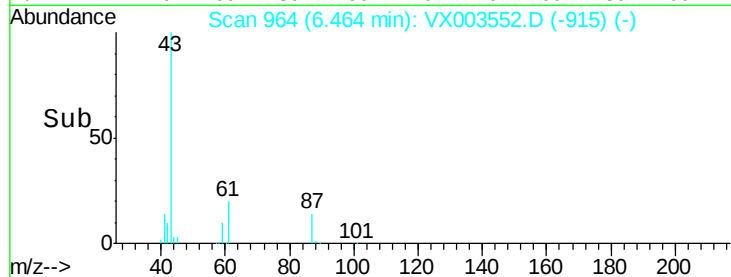
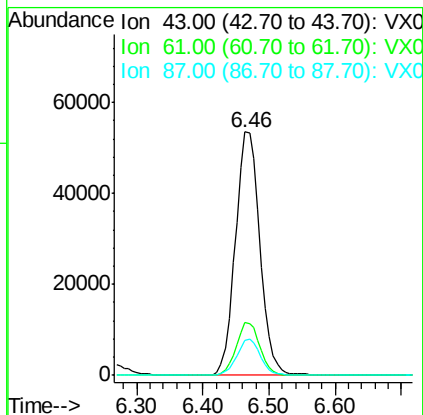
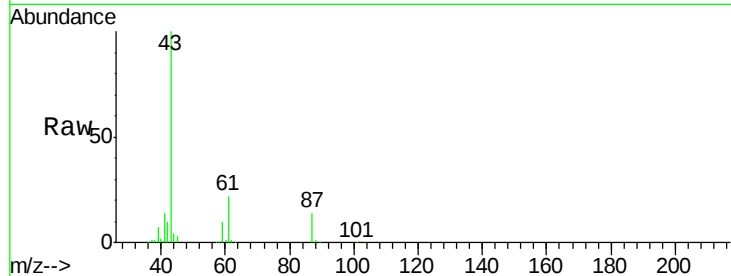


#43

Isopropyl Acetate  
 Concen: 22.03 ug/l  
 RT: 6.46 min Scan# 964  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VX0721MBS02

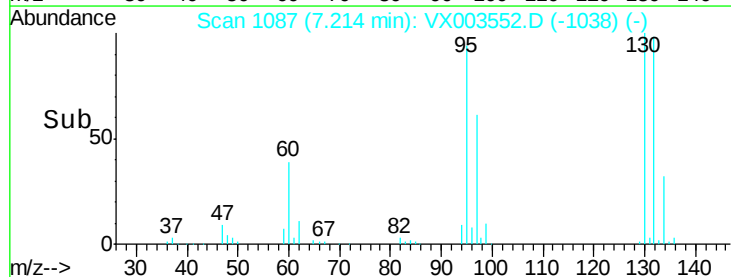
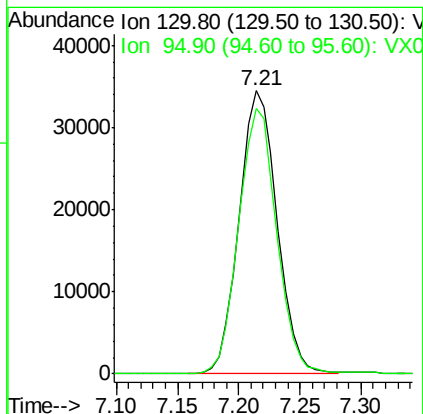
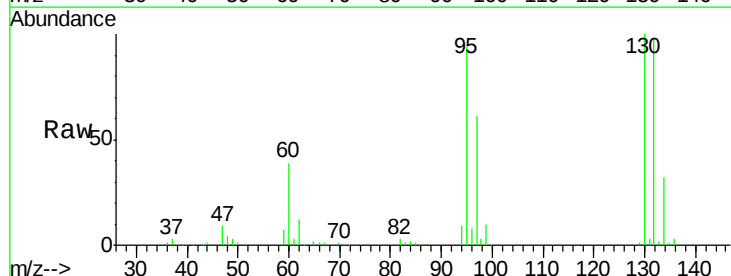
Tot Ion: 43 Resp: 136692  
 Ion Ratio Lower Upper  
 43 100  
 61 21.1 14.4 21.6  
 87 14.4 9.5 14.3#

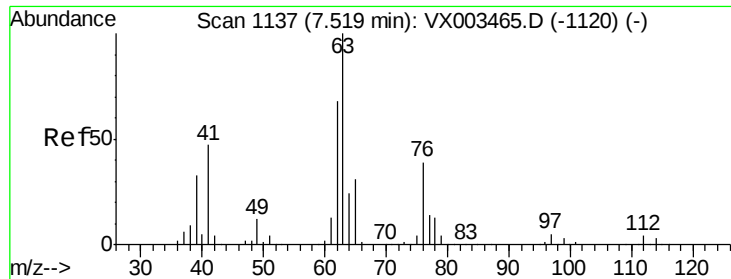


#44

Trichloroethene  
 Concen: 20.04 ug/l  
 RT: 7.21 min Scan# 1087  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

Tgt Ion: 130 Resp: 74383  
 Ion Ratio Lower Upper  
 130 100  
 95 93.9 0.0 185.4

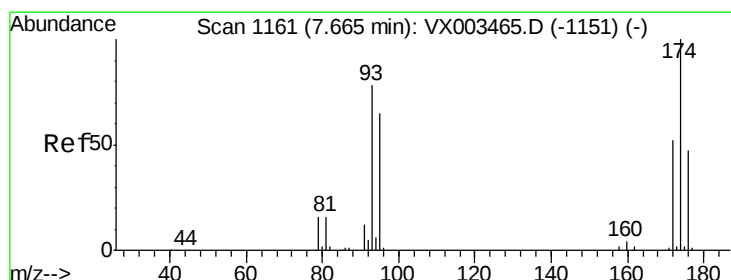
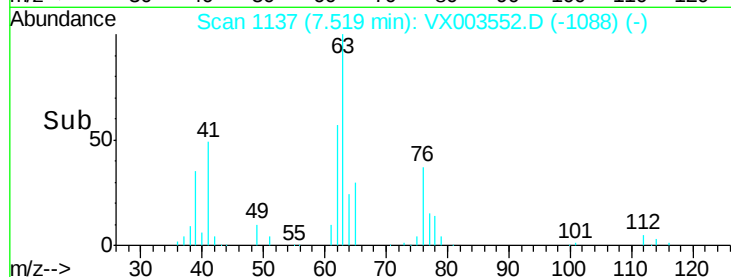
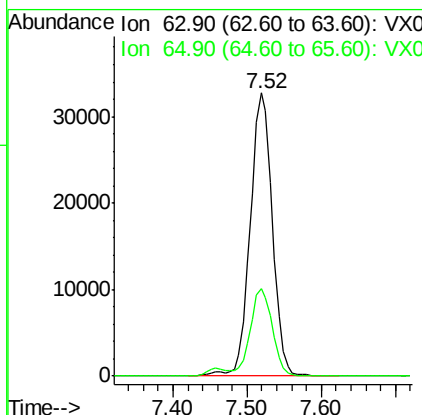
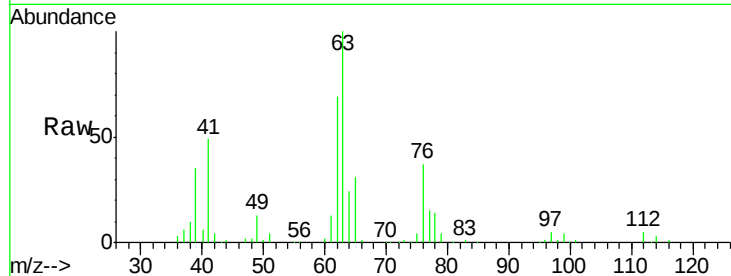




#45  
 1,2-Dichloropropane  
 Concen: 21.62 ug/l  
 RT: 7.52 min Scan# 1137  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

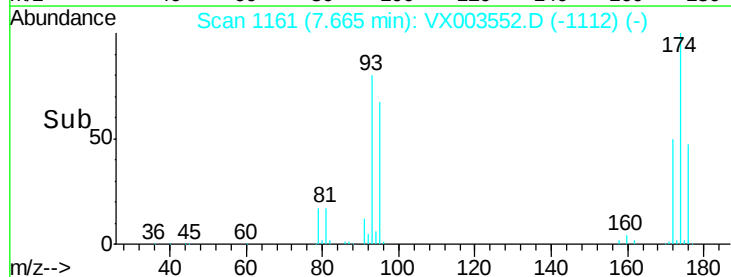
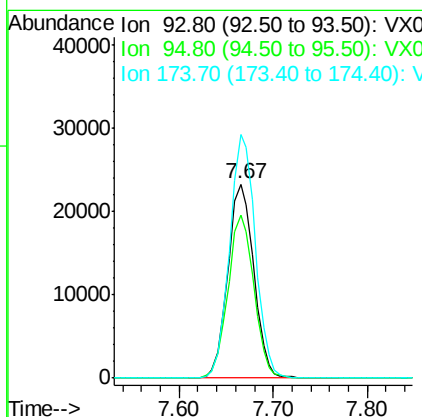
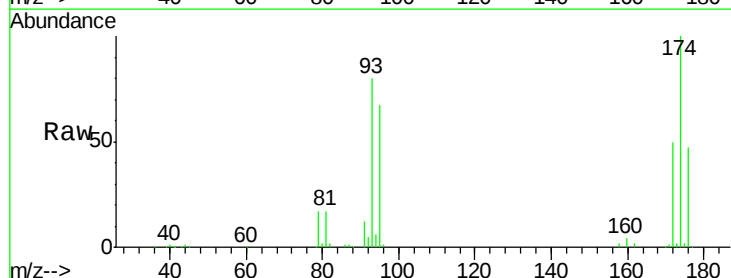
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0721MBS02

Tot Ion: 63 Resp: 68322  
 Ion Ratio Lower Upper  
 63 100  
 65 31.1 24.7 37.1



#46  
 Dibromomethane  
 Concen: 21.94 ug/l  
 RT: 7.67 min Scan# 1161  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

Tgt Ion: 93 Resp: 44635  
 Ion Ratio Lower Upper  
 93 100  
 95 84.2 65.9 98.9  
 174 124.5 92.4 138.6





#47

Bromodichloromethane

Concen: 21.11 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

VX0721MBS02

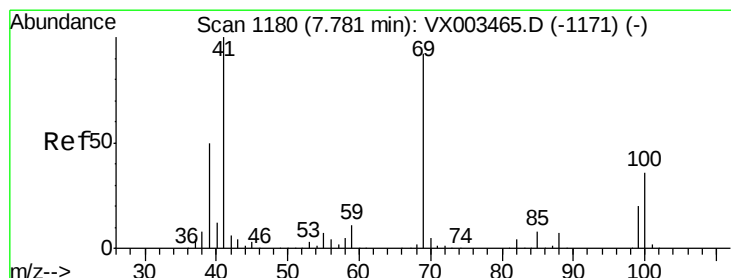
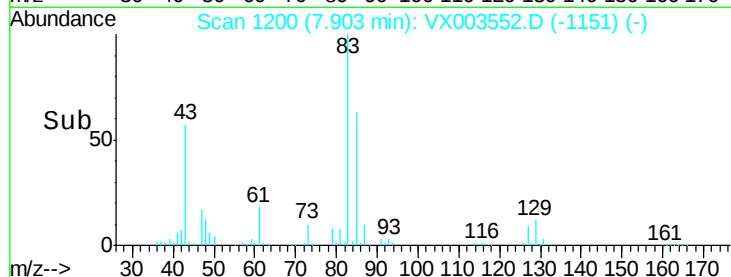
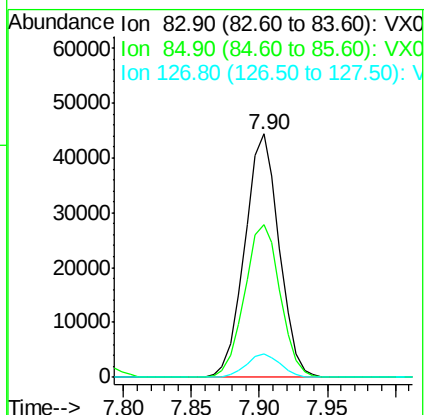
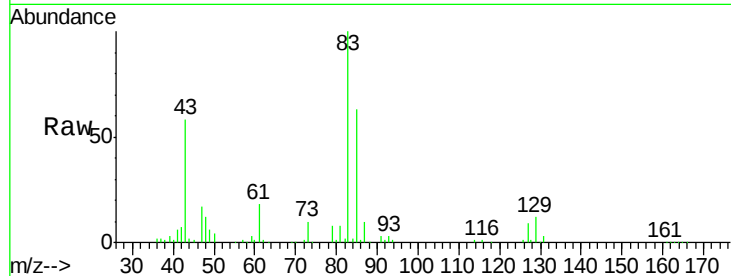
Tot Ion: 83 Resp: 78638

Ion Ratio Lower Upper

83 100

85 62.9 50.3 75.5

127 9.5 7.0 10.4



#48

Methyl methacrylate

Concen: 22.44 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

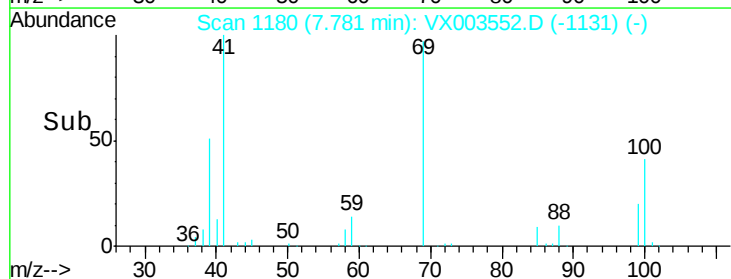
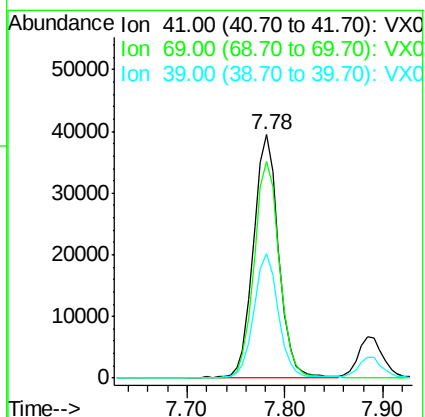
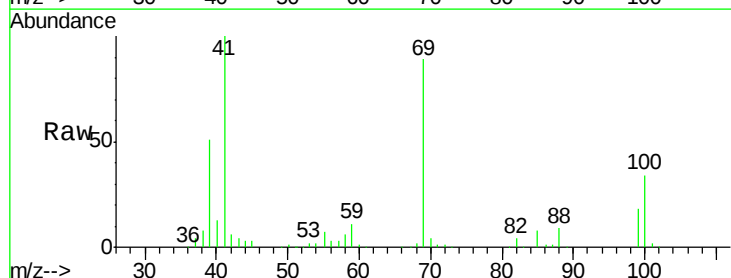
Tgt Ion: 41 Resp: 70215

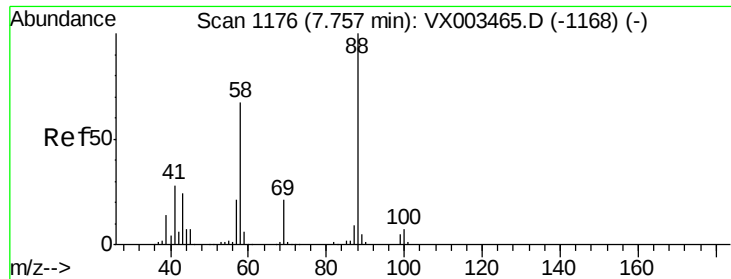
Ion Ratio Lower Upper

41 100

69 90.0 59.1 88.7#

39 50.9 48.9 73.3

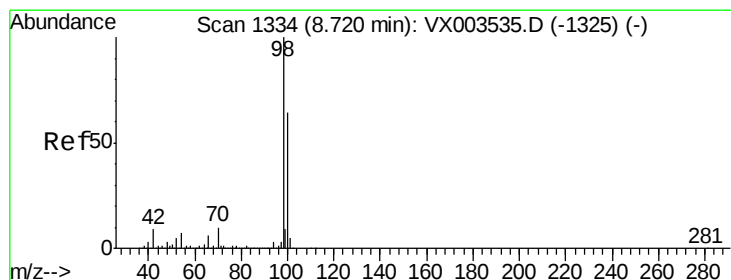
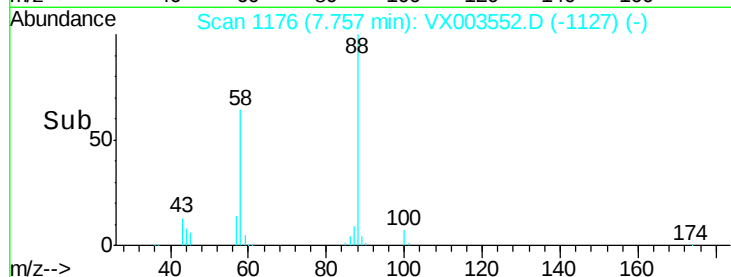
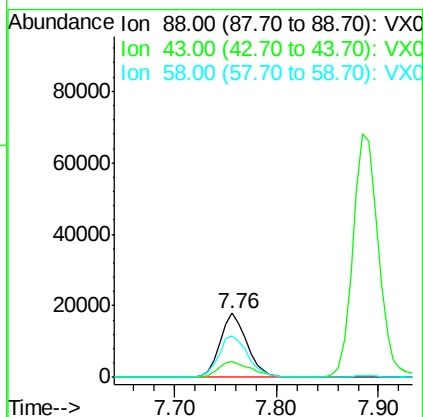
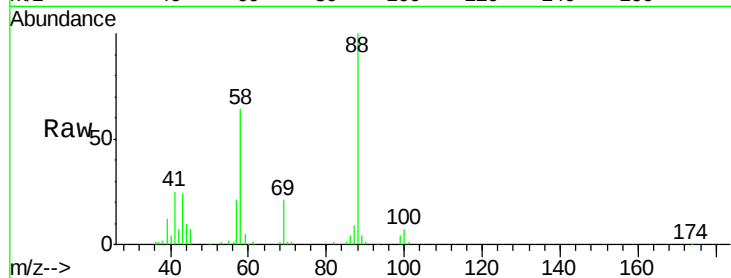




#49  
1,4-Dioxane  
Concen: 464.89 ug/l  
RT: 7.76 min Scan# 1176  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

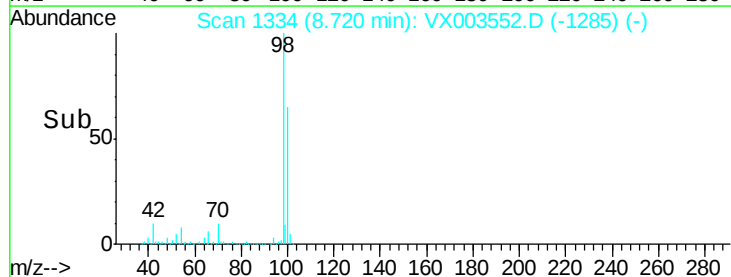
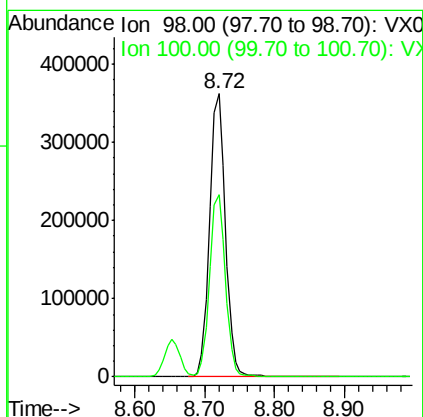
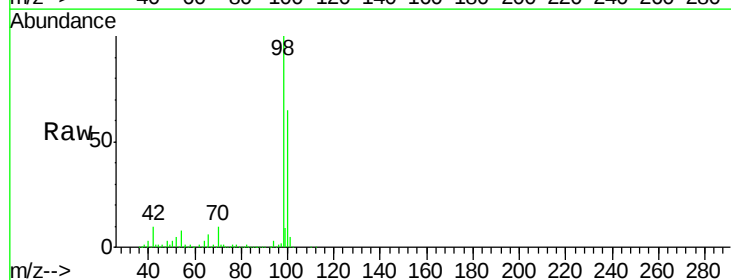
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0721MBS02

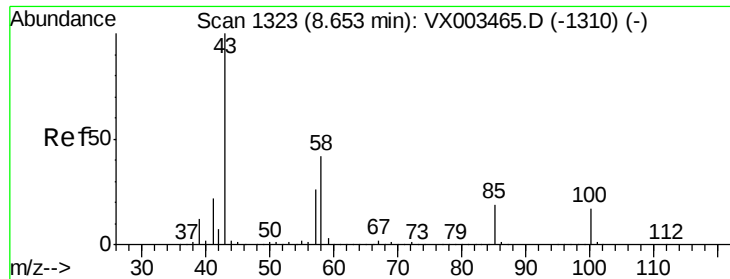
Tot Ion: 88 Resp: 32964  
Ion Ratio Lower Upper  
88 100  
43 29.6 29.8 44.6#  
58 70.9 57.1 85.7



#50  
Toluene-d8  
Concen: 52.33 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Tgt Ion: 98 Resp: 572055  
Ion Ratio Lower Upper  
98 100  
100 64.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 119.58 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

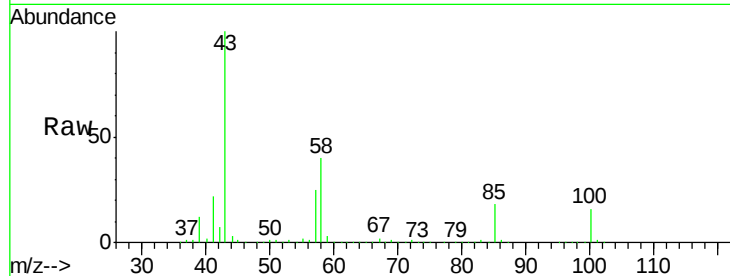
VX0721MBS02

Tot Ion: 43 Resp: 468798

Ion Ratio Lower Upper

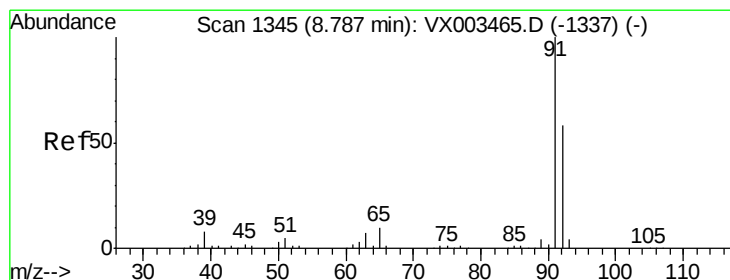
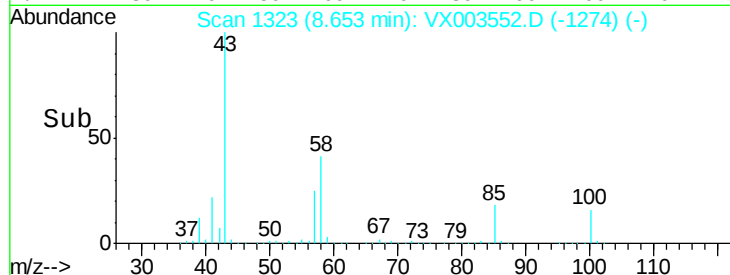
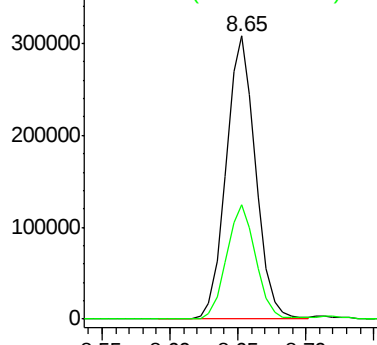
43 100

58 40.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.69 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003552.D

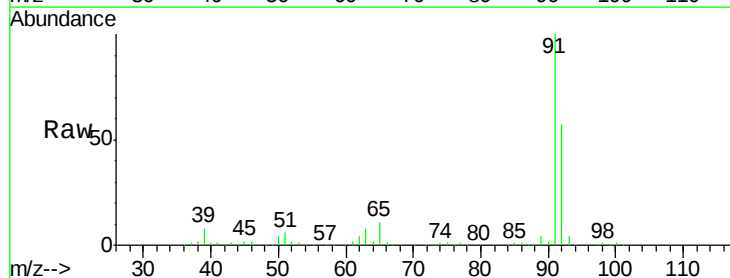
Acq: 21 Jul 2018 14:01

Tgt Ion: 92 Resp: 162089

Ion Ratio Lower Upper

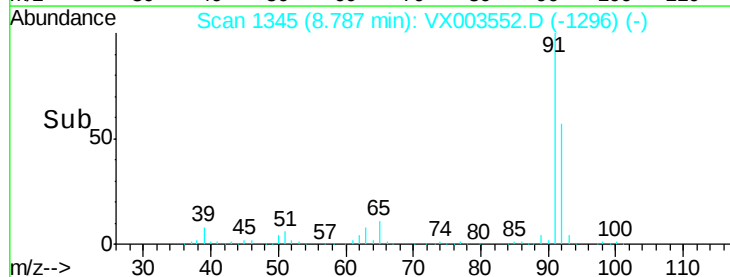
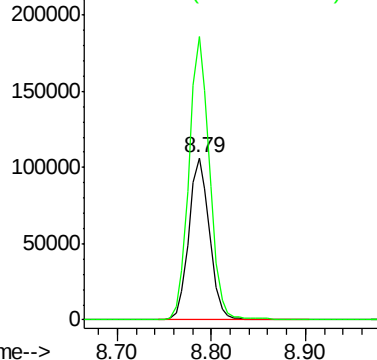
92 100

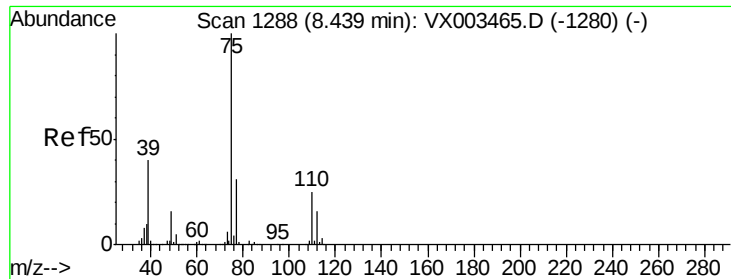
91 174.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 21.55 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

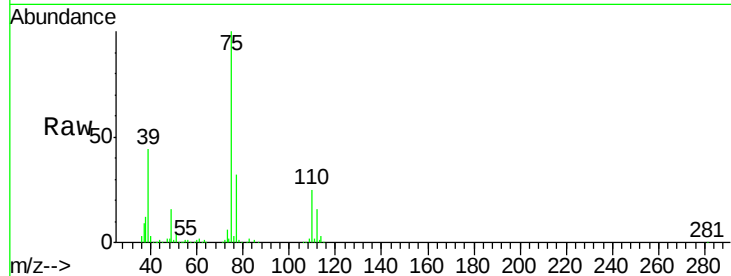
VX0721MBSD02

Tot Ion: 75 Resp: 98801

Ion Ratio Lower Upper

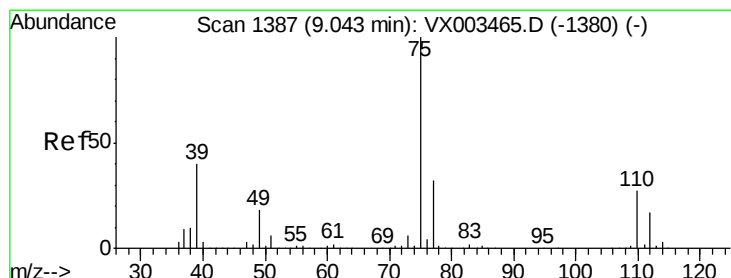
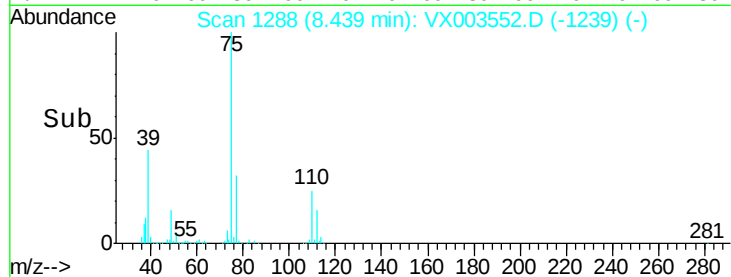
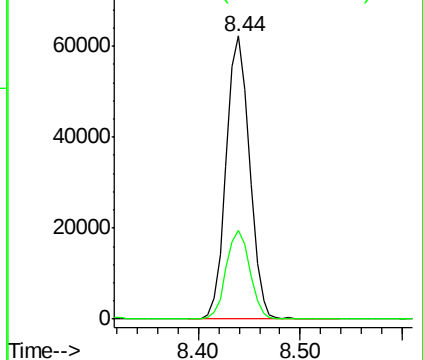
75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.41 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

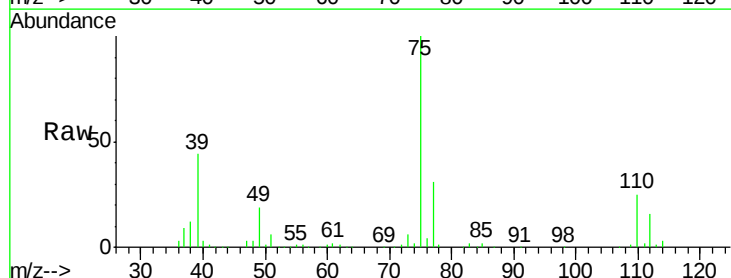
Tgt Ion: 75 Resp: 88274

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

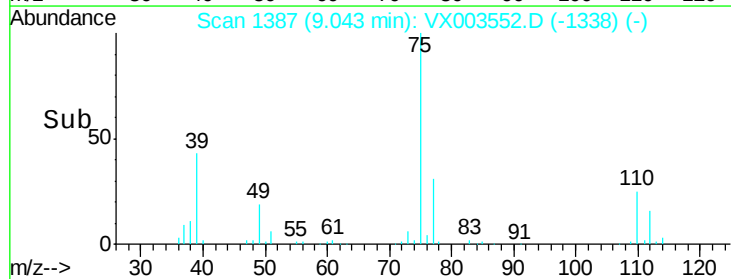
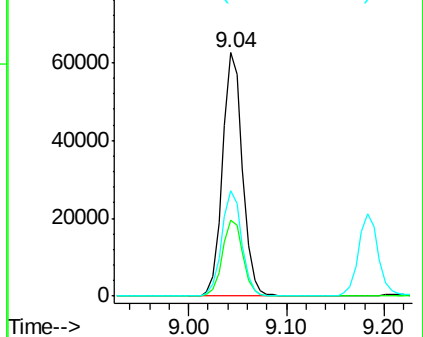
39 43.4 42.4 63.6

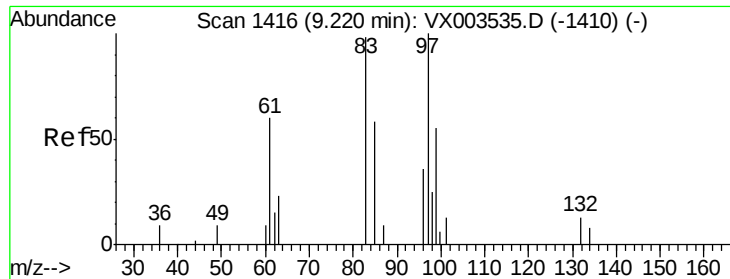


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



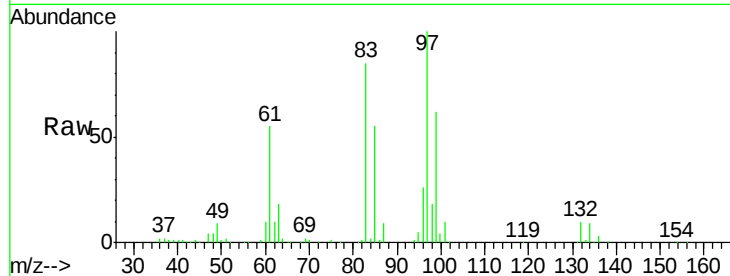


#55  
 1,1,2-Trichloroethane  
 Concen: 22.38 ug/l  
 RT: 9.22 min Scan# 1416  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

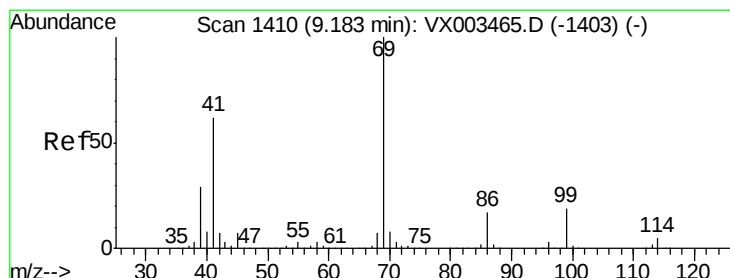
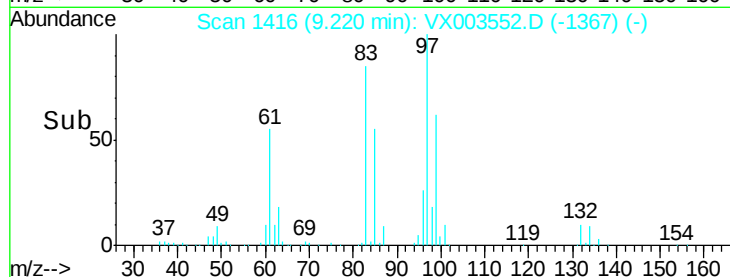
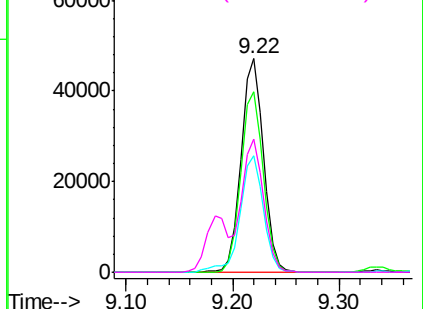
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0721MBS02

Tot Ion: 97 Resp: 69759  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.7  | 70.2  | 105.2 |
| 85  | 54.7  | 44.9  | 67.3  |
| 99  | 62.1  | 49.8  | 74.8  |



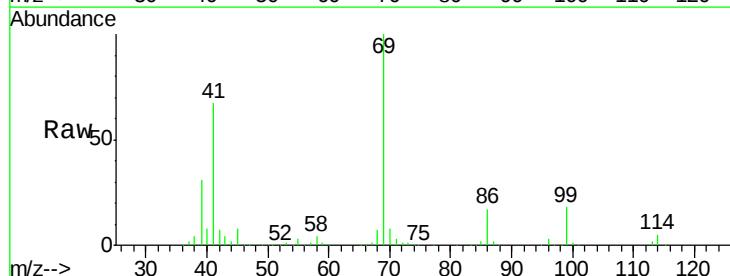
Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0



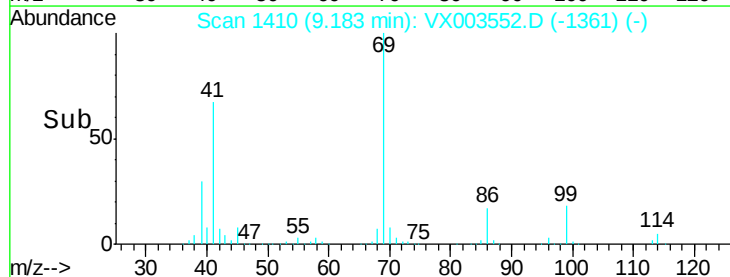
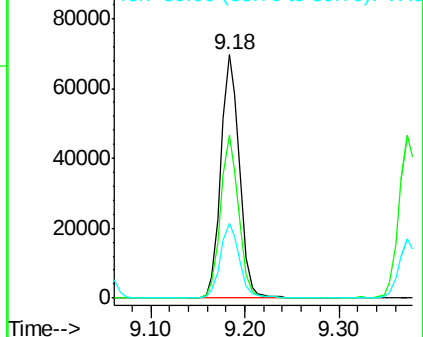
#56  
 Ethyl methacrylate  
 Concen: 21.71 ug/l  
 RT: 9.18 min Scan# 1410  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

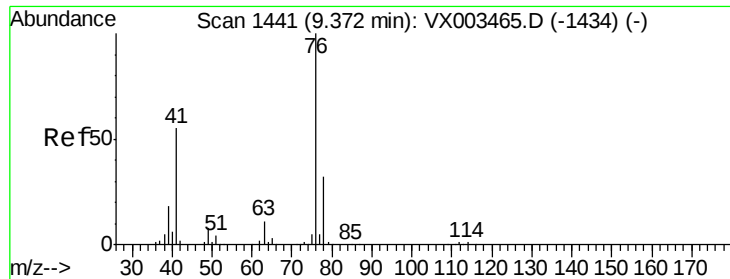
Tgt Ion: 69 Resp: 95344  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 65.0  | 60.3  | 90.5  |
| 39  | 31.5  | 35.8  | 53.8# |



Abundance Ion 69.00 (68.70 to 69.70): VX0  
 Ion 41.00 (40.70 to 41.70): VX0  
 Ion 39.00 (38.70 to 39.70): VX0

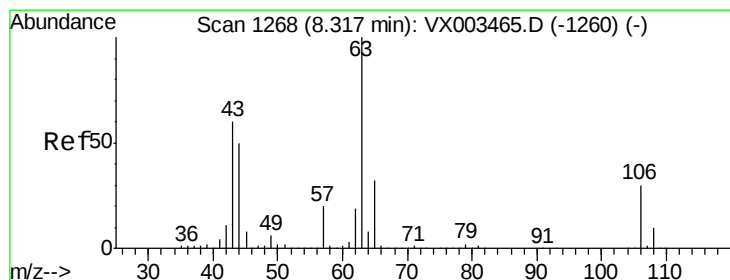
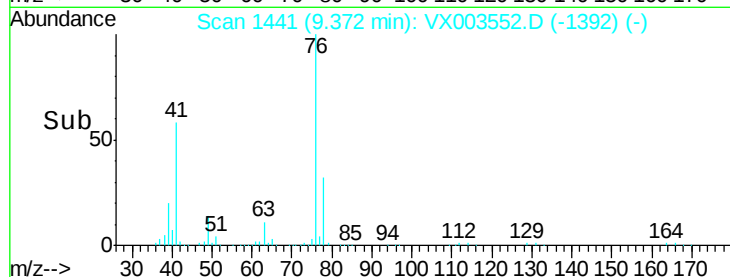
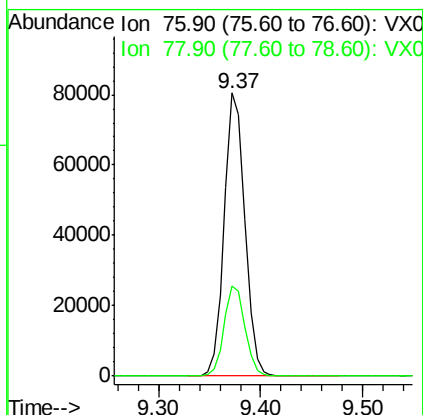
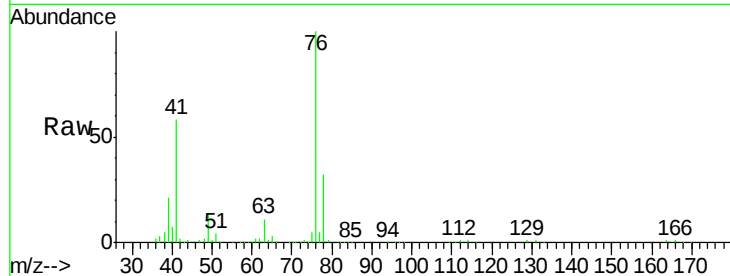




#57  
 1,3-Dichloropropane  
 Concen: 22.49 ug/l  
 RT: 9.37 min Scan# 1441  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

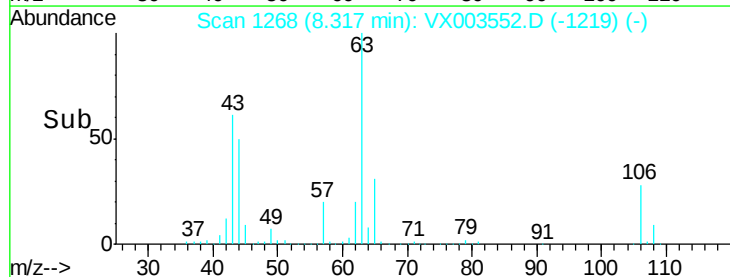
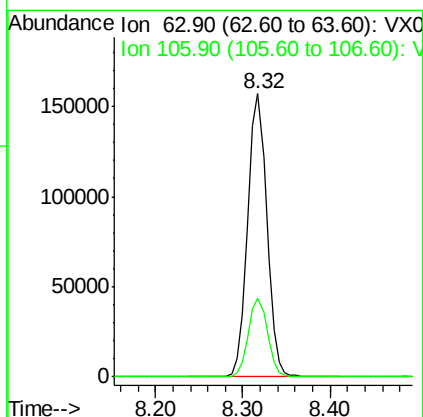
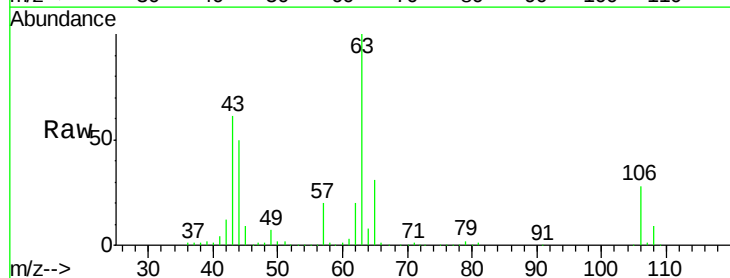
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0721MBS02

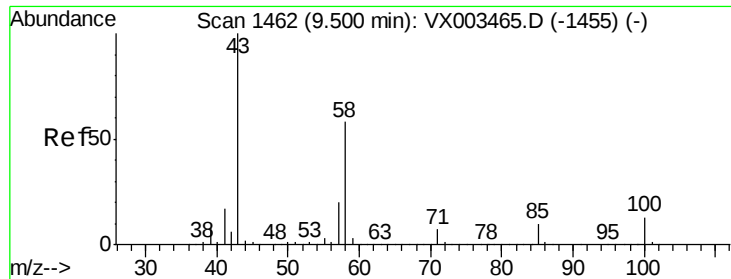
Tot Ion: 76 Resp: 113353  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 25.8 38.6



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 111.71 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

Tgt Ion: 63 Resp: 238529  
 Ion Ratio Lower Upper  
 63 100  
 106 28.0 21.8 32.8

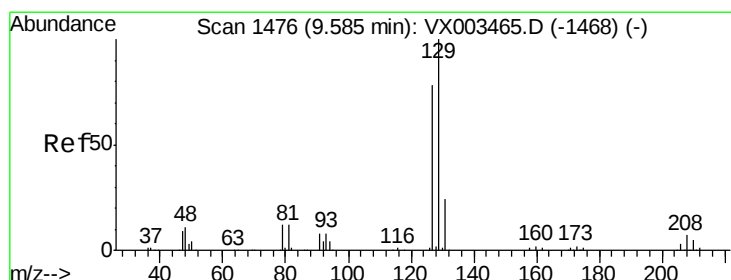
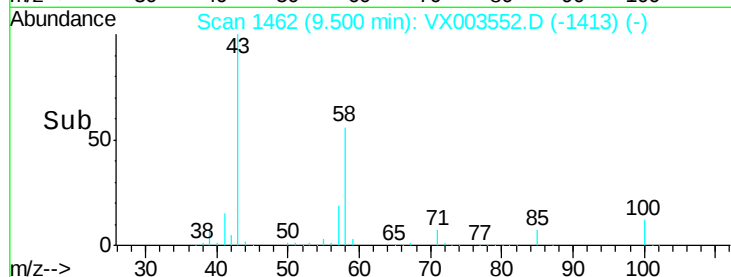
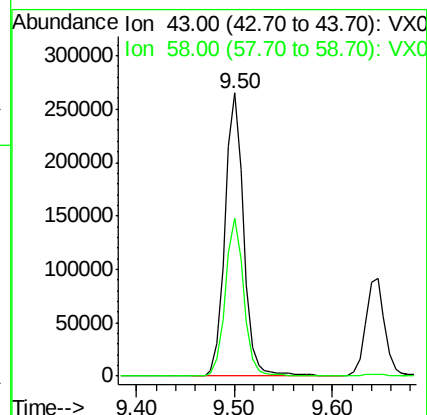
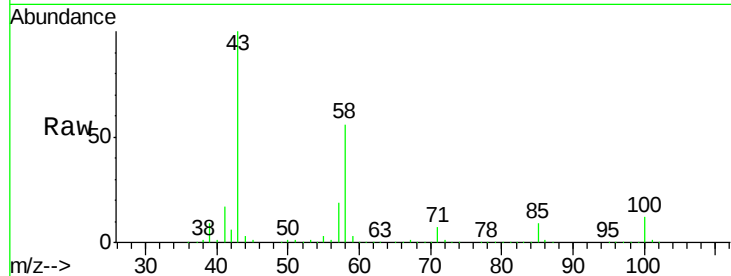




#59  
2-Hexanone  
Concen: 120.59 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

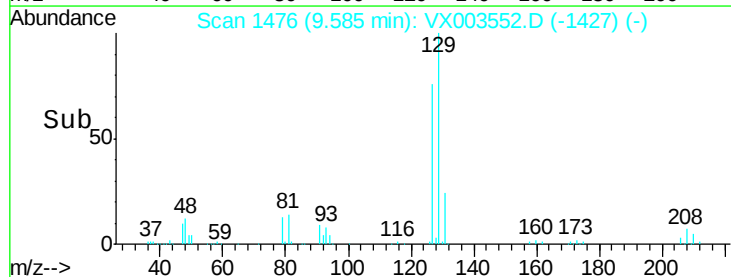
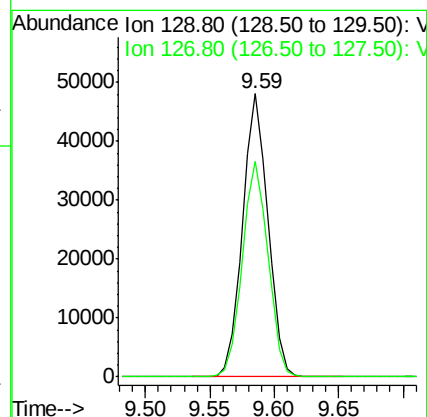
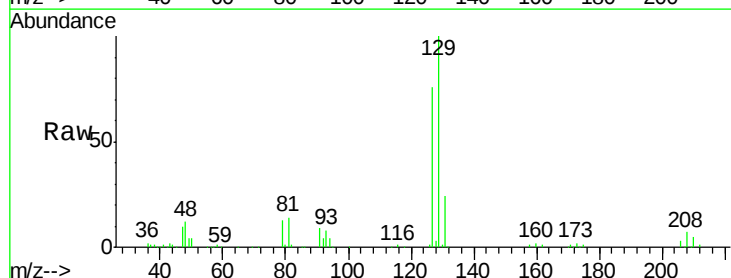
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0721MBSD02

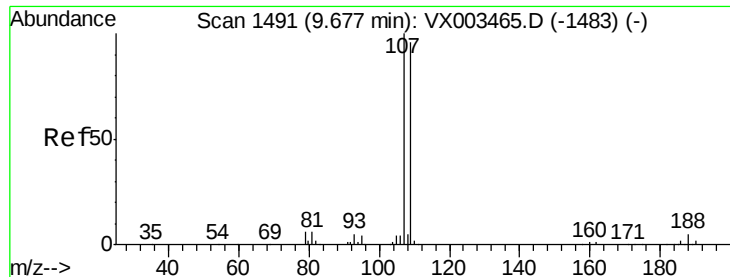
Tot Ion: 43 Resp: 350294  
Ion Ratio Lower Upper  
43 100  
58 55.5 24.6 73.6



#60  
Dibromochloromethane  
Concen: 21.23 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Tgt Ion: 129 Resp: 65501  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.5 115.3

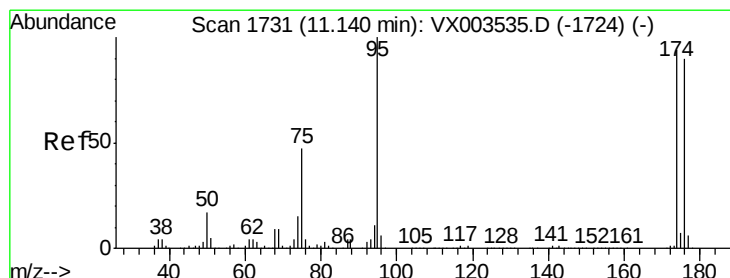
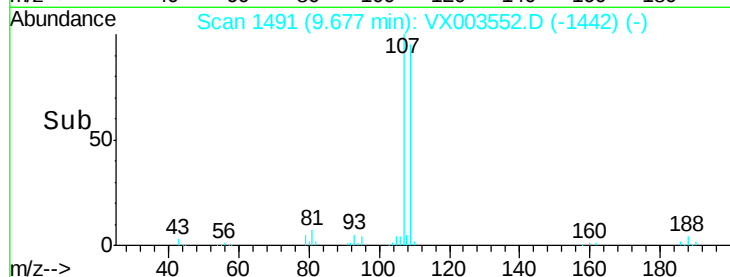
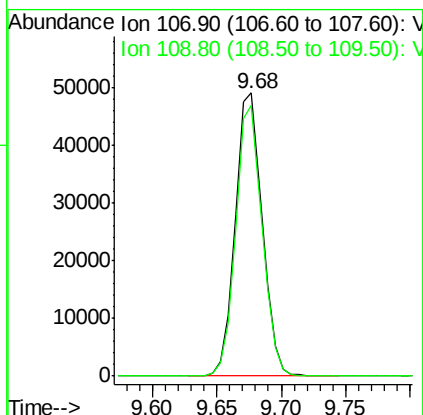
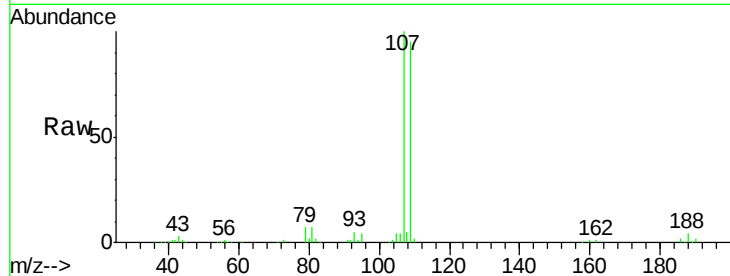




#61  
 1,2-Dibromoethane  
 Concen: 22.15 ug/l  
 RT: 9.68 min Scan# 1491  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

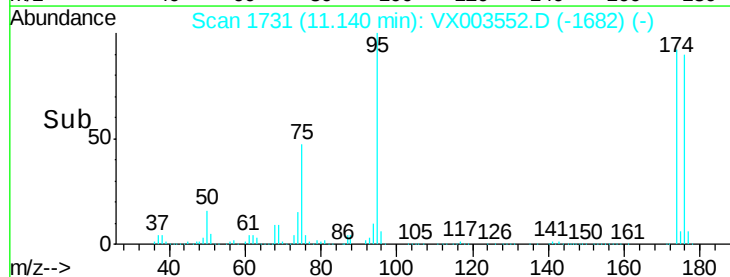
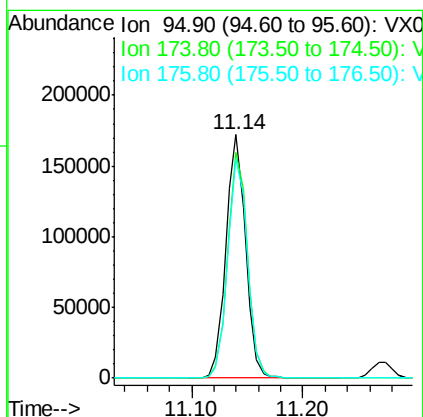
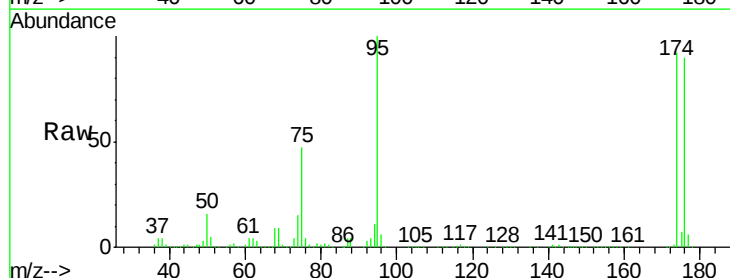
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0721MBSD02

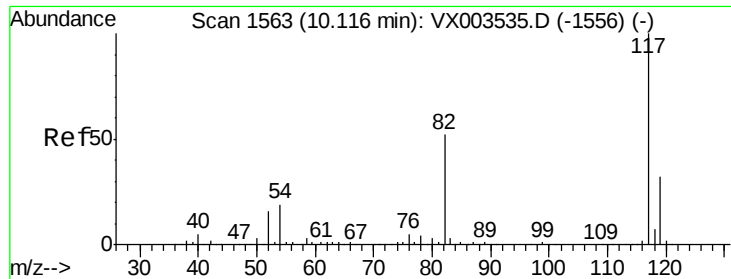
Tot Ion:107 Resp: 71574  
 Ion Ratio Lower Upper  
 107 100  
 109 94.0 75.3 112.9



#62  
 4-Bromofluorobenzene  
 Concen: 52.70 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

Tgt Ion: 95 Resp: 210241  
 Ion Ratio Lower Upper  
 95 100  
 174 93.6 0.0 187.4  
 176 91.2 0.0 181.0

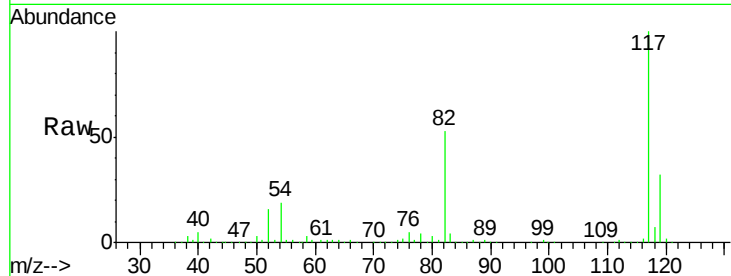




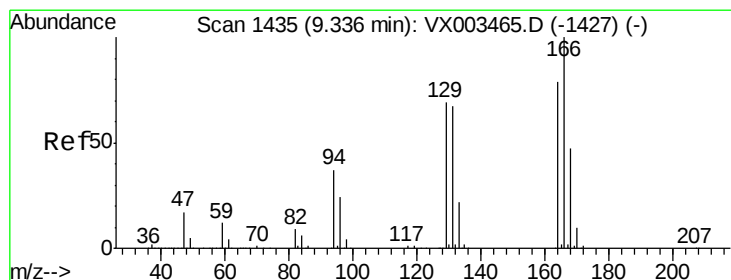
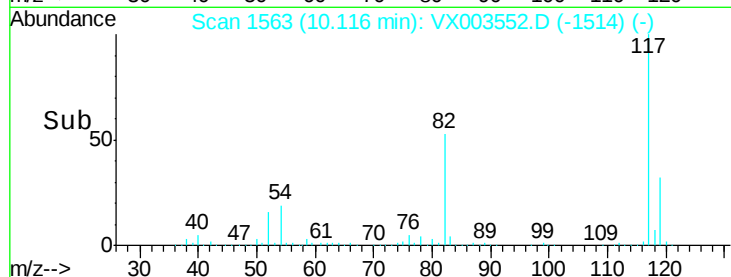
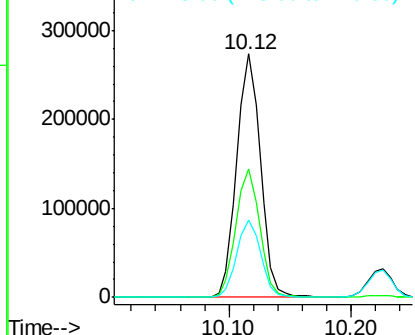
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0721MBSD02

Tot Ion:117 Resp: 368424  
Ion Ratio Lower Upper  
117 100  
82 52.5 45.0 67.4  
119 31.8 25.8 38.6



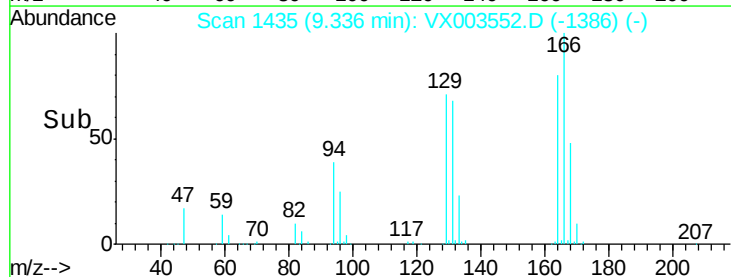
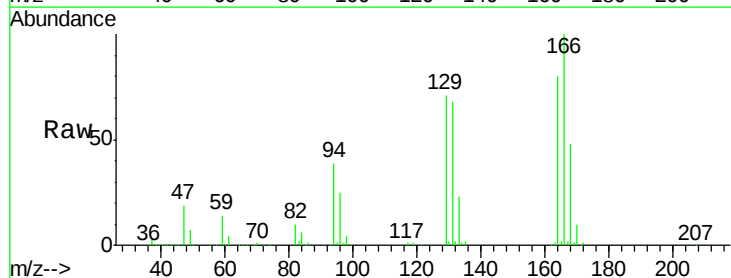
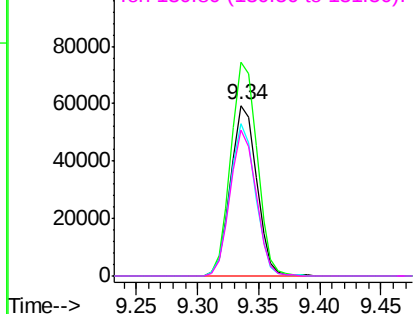
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

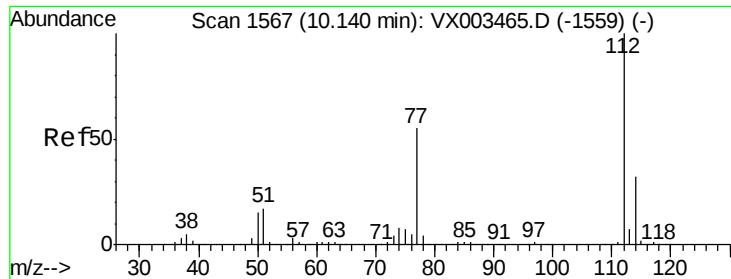


#64  
Tetrachloroethene  
Concen: 19.43 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Tgt Ion:164 Resp: 87235  
Ion Ratio Lower Upper  
164 100  
166 125.2 102.9 154.3  
129 89.4 68.6 102.8  
131 85.3 66.8 100.2

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: 19.49 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

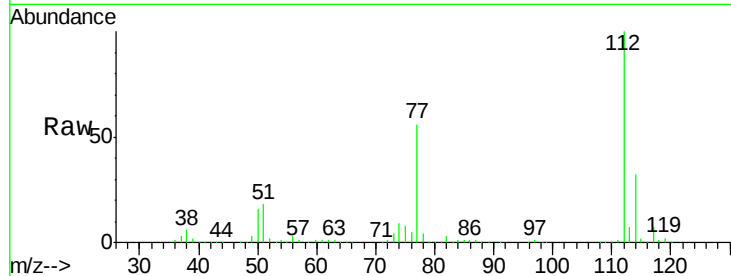
VX0721MBSD02

Tot Ion:112 Resp: 185046

Ion Ratio Lower Upper

112 100

114 32.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

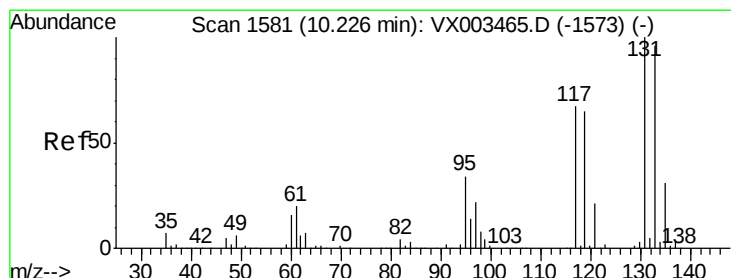
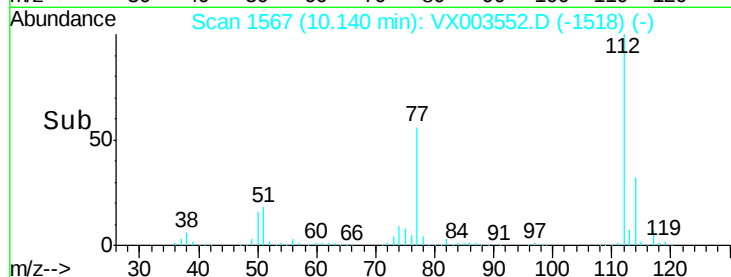
150000

100000

50000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 20.09 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

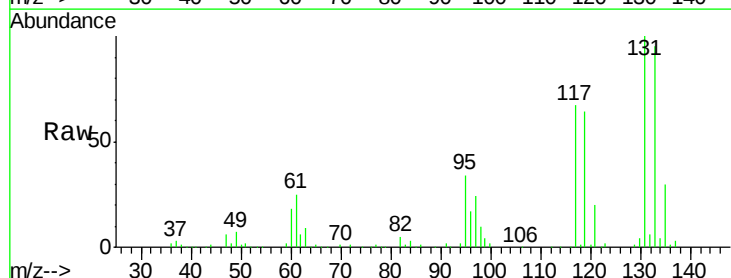
Tgt Ion:131 Resp: 65629

Ion Ratio Lower Upper

131 100

133 95.6 47.9 143.6

119 64.6 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

50000

40000

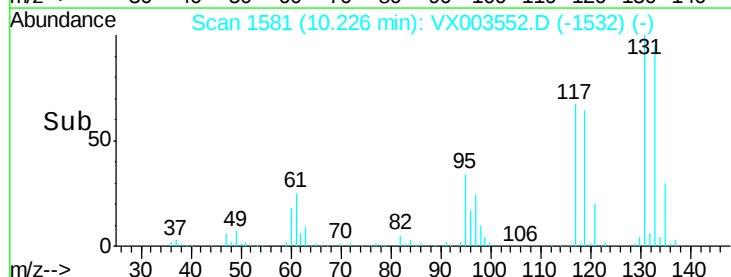
30000

20000

10000

0

Time--> 10.15 10.20 10.25

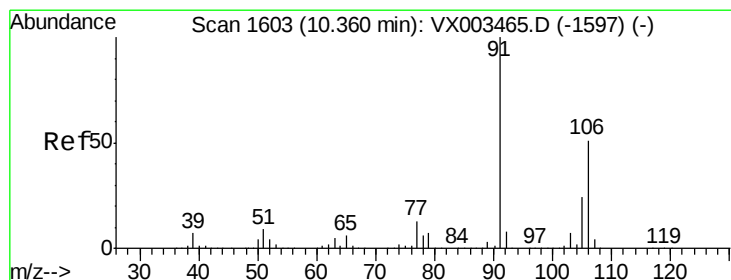
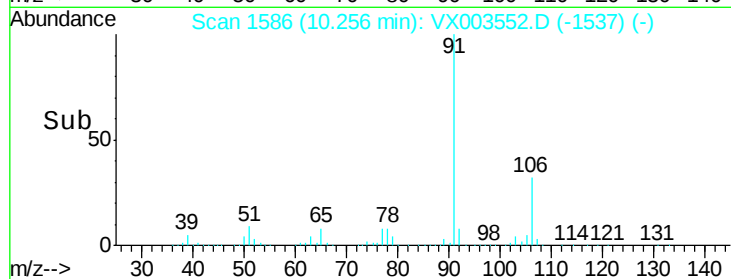
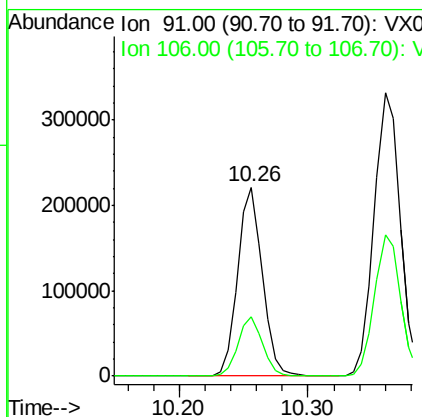
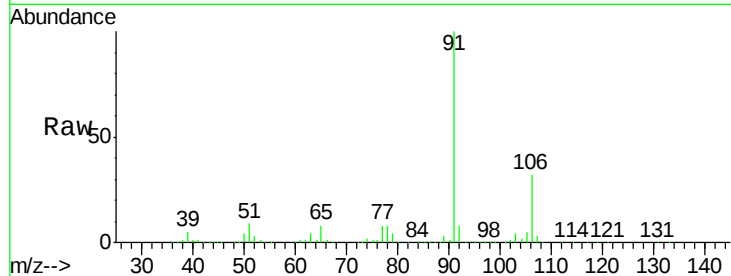




#67  
Ethyl Benzene  
Concen: 19.32 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

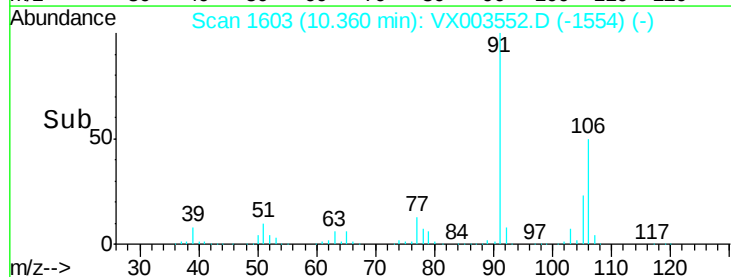
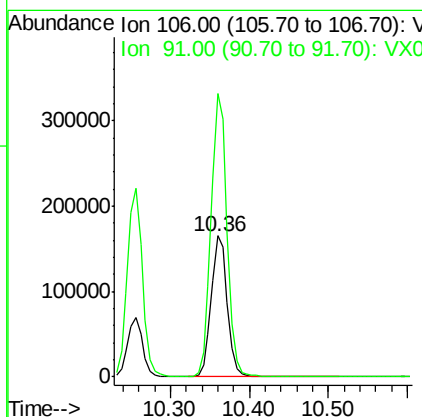
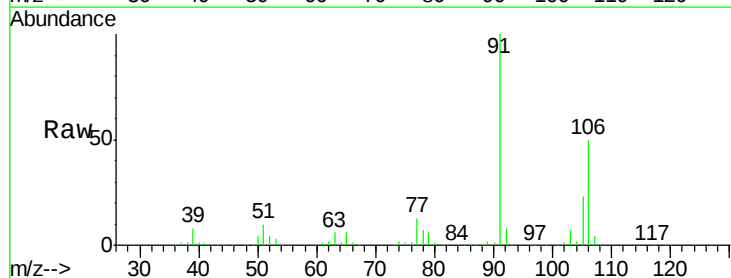
Instrument :  
MSVOA\_X  
ClientSampleID :  
VX0721MBS02

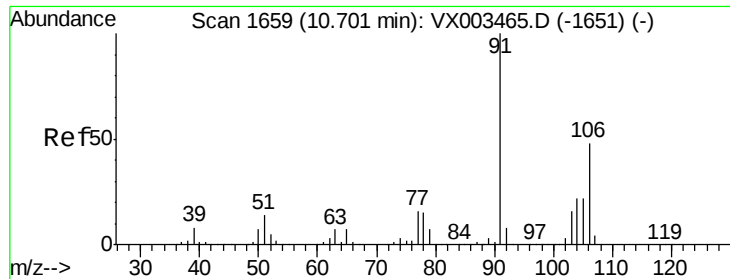
Tot Ion: 91 Resp: 294923  
Ion Ratio Lower Upper  
91 100  
106 31.5 25.5 38.3



#68  
m/p-Xylenes  
Concen: 39.03 ug/l  
RT: 10.36 min Scan# 1603  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Tgt Ion: 106 Resp: 233553  
Ion Ratio Lower Upper  
106 100  
91 200.2 163.4 245.2

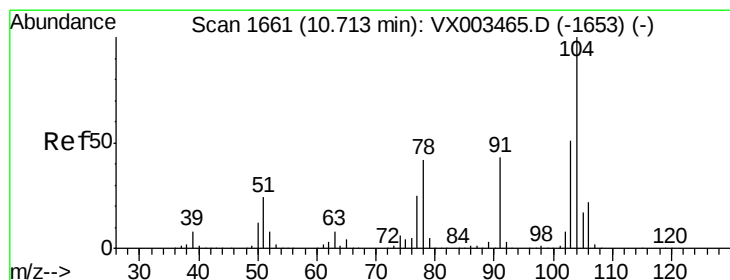
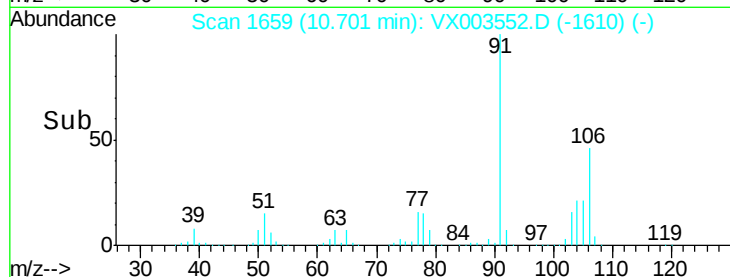
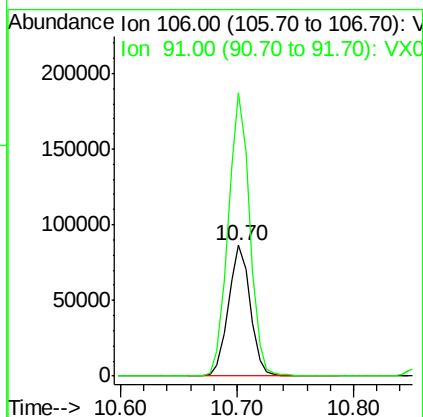
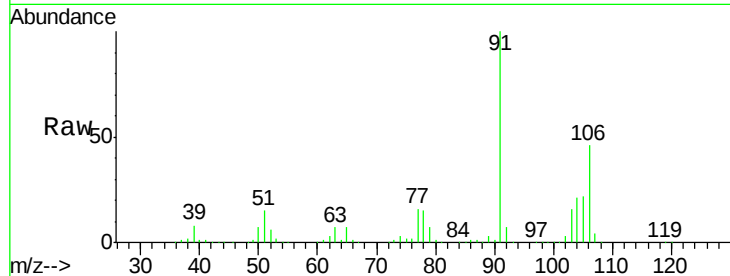




#69  
o-Xylene  
Concen: 19.45 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

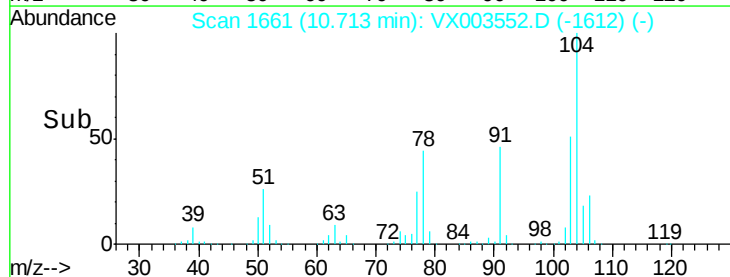
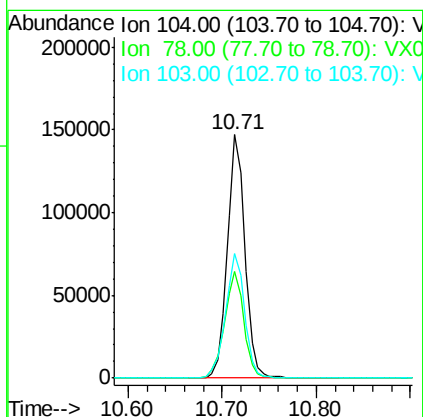
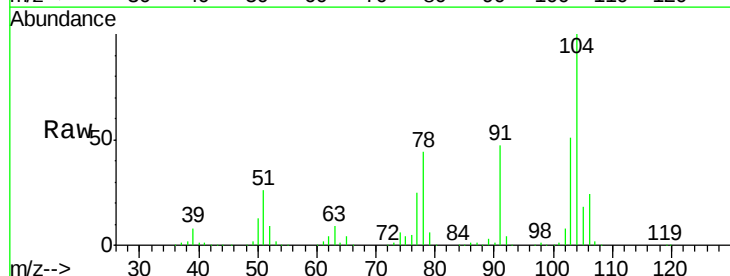
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0721MBS02

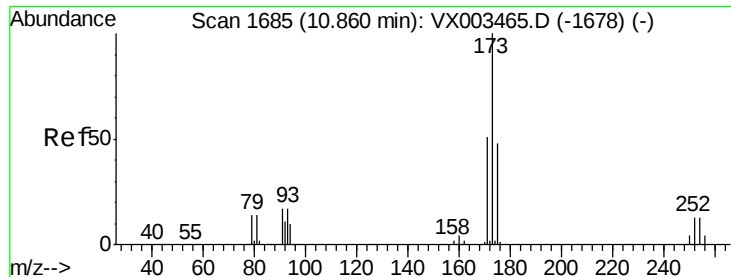
Tot Ion:106 Resp: 112546  
Ion Ratio Lower Upper  
106 100  
91 214.0 108.2 324.6



#70  
Styrene  
Concen: 20.14 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Tgt Ion:104 Resp: 191679  
Ion Ratio Lower Upper  
104 100  
78 47.8 41.0 61.6  
103 55.4 44.2 66.4

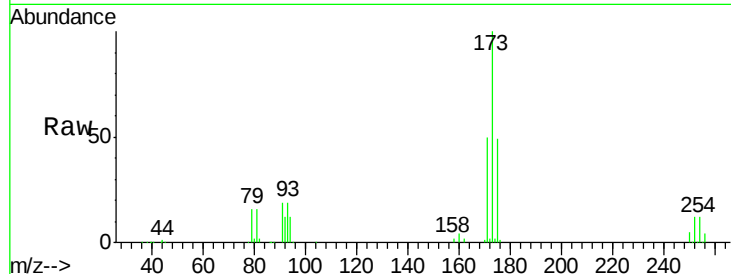




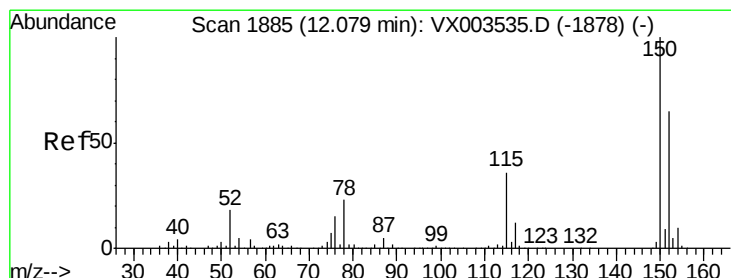
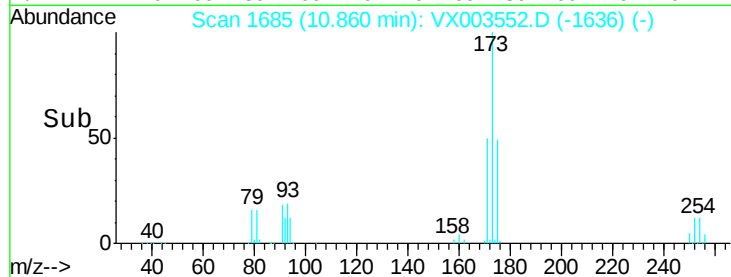
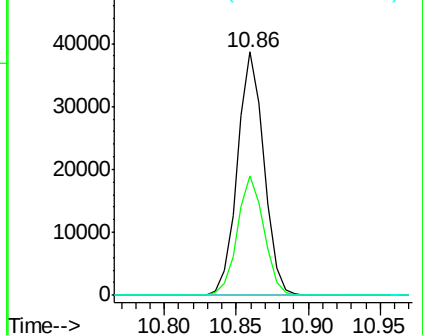
#71  
Bromoform  
Concen: 19.50 ug/l  
RT: 10.86 min Scan# 1685  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0721MBS02

Tot Ion:173 Resp: 49471  
Ion Ratio Lower Upper  
173 100  
175 49.2 24.7 74.1  
254 0.1 0.2 0.2#

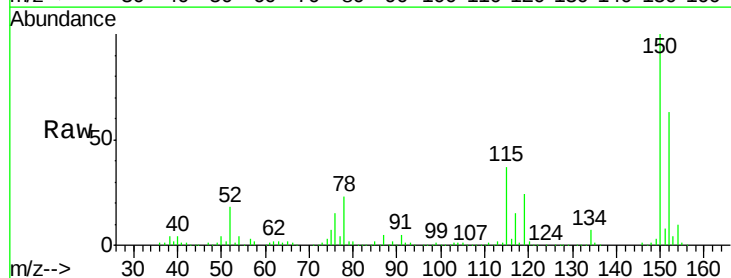


Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V

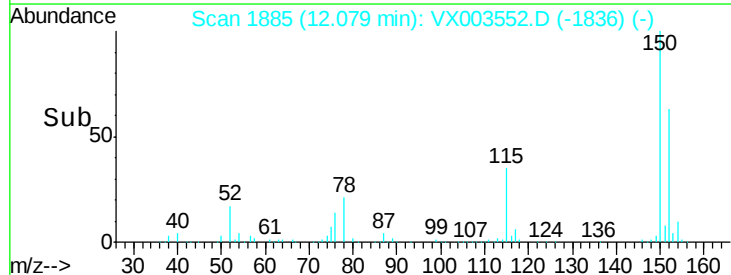
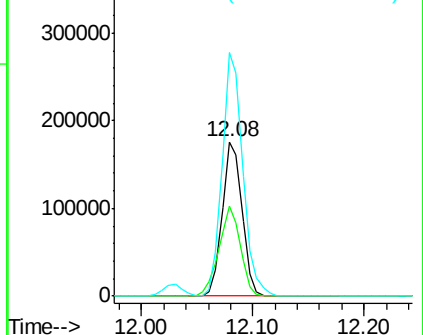


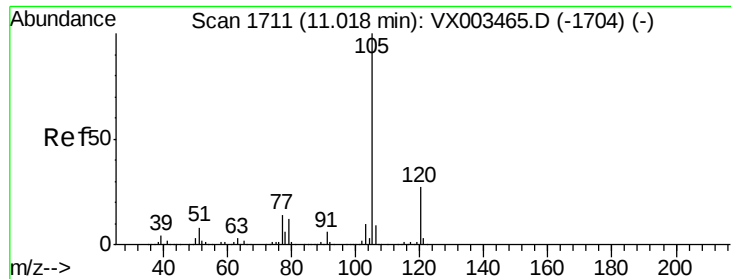
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.08 min Scan# 1885  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Tgt Ion:152 Resp: 217313  
Ion Ratio Lower Upper  
152 100  
115 63.2 40.1 120.2  
150 164.2 0.0 347.2



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





#73

Isopropylbenzene

Concen: 19.93 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

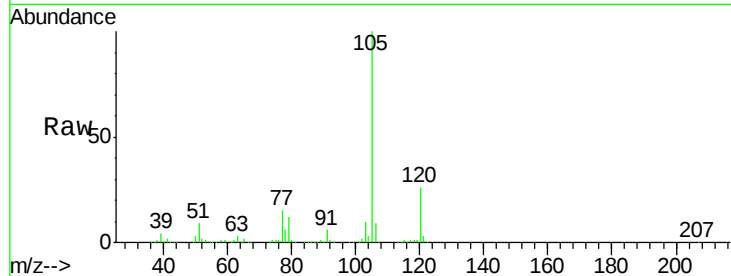
VX0721MBSD02

Tot Ion:105 Resp: 299500

Ion Ratio Lower Upper

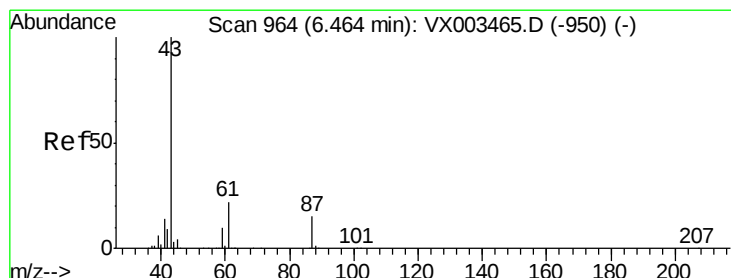
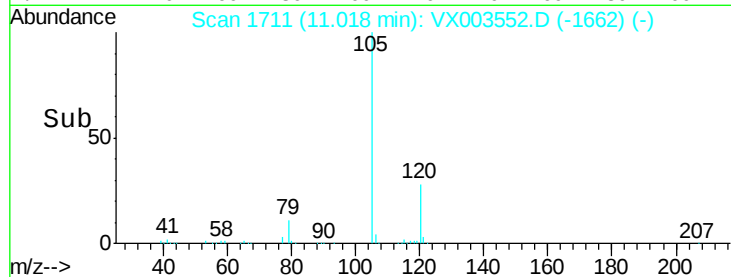
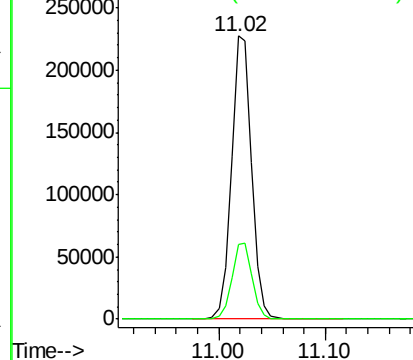
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.42 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Tgt Ion: 43 Resp: 136692

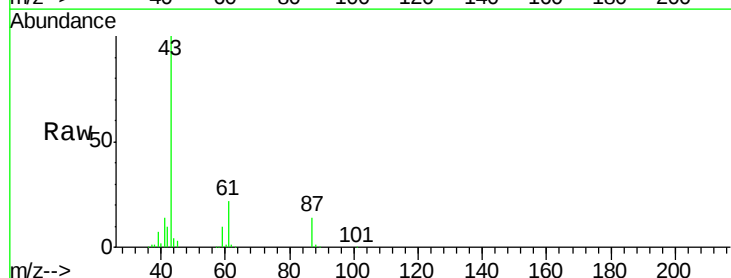
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 21.1 14.4 21.6

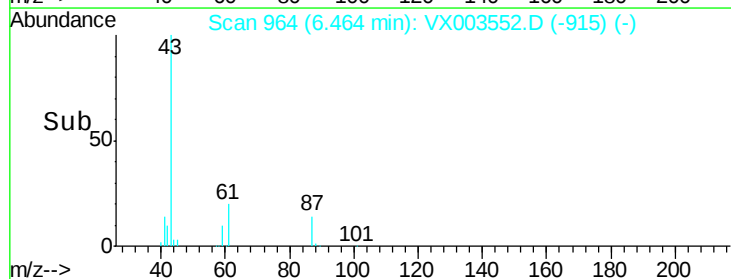
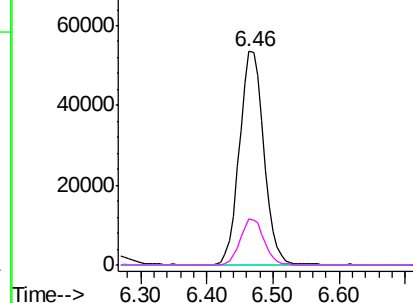


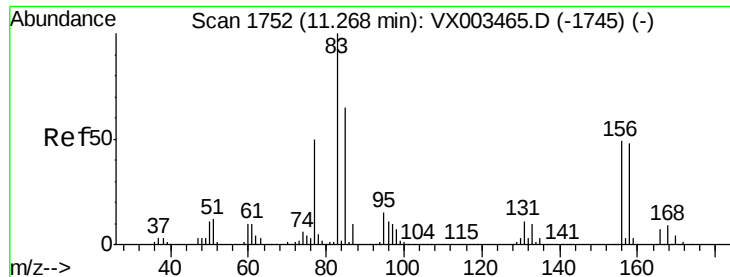
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.57 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

VX0721MBS02

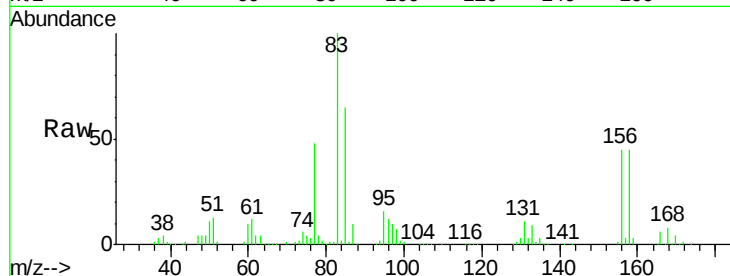
Tot Ion: 83 Resp: 95007

Ion Ratio Lower Upper

83 100

131 10.7 5.6 16.8

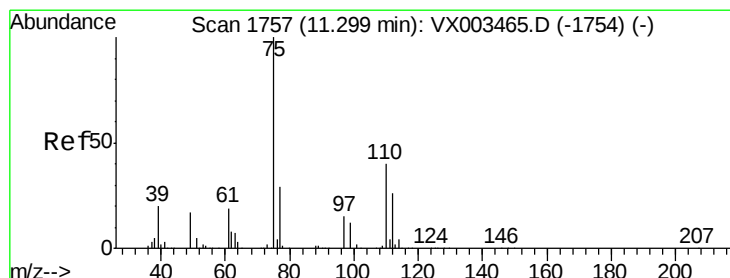
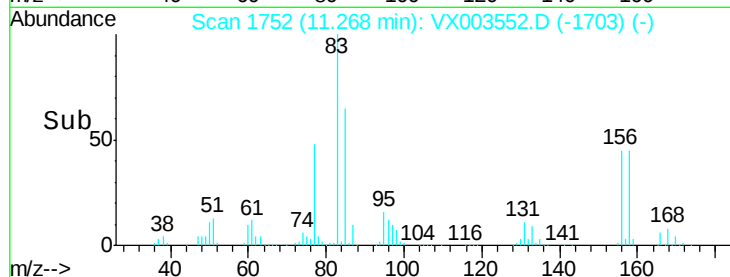
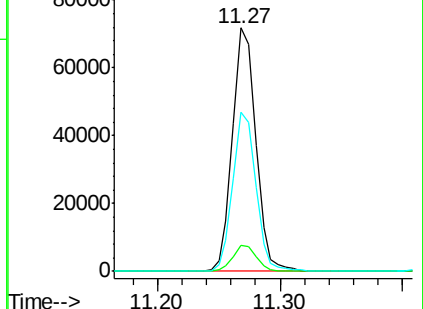
85 64.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.86 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003552.D

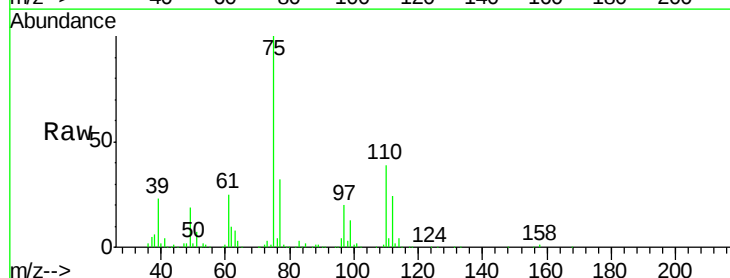
Acq: 21 Jul 2018 14:01

Tgt Ion: 75 Resp: 108776

Ion Ratio Lower Upper

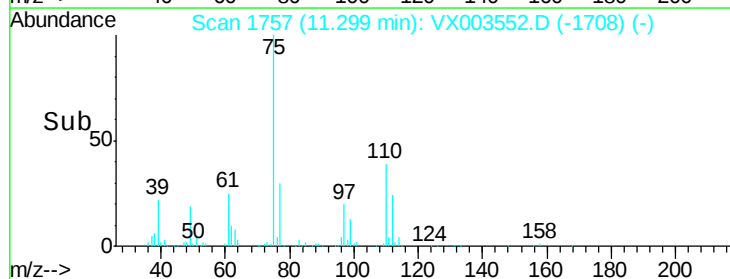
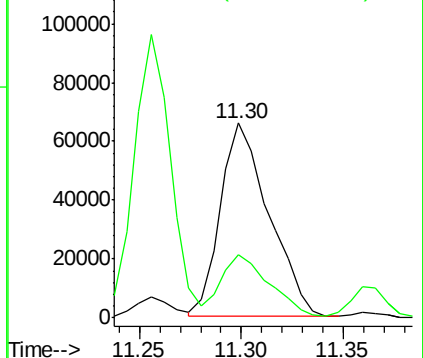
75 100

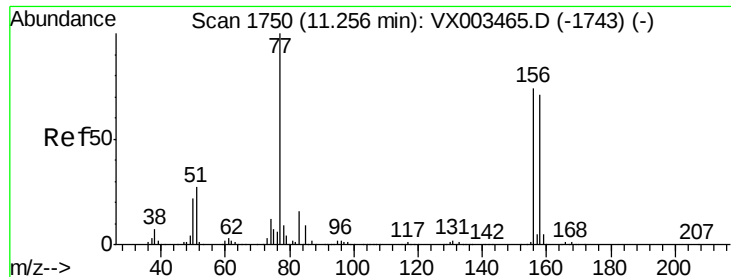
77 33.1 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.76 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

VX0721MBSD02

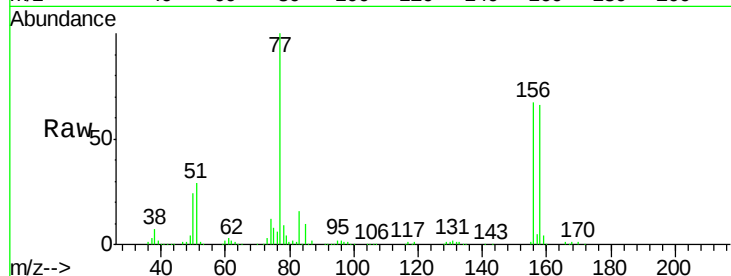
Tot Ion:156 Resp: 85399

Ion Ratio Lower Upper

156 100

77 140.4 71.4 214.2

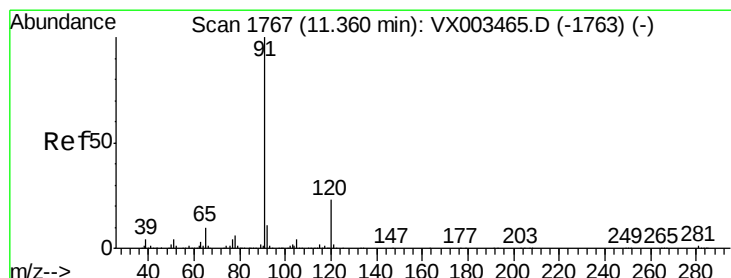
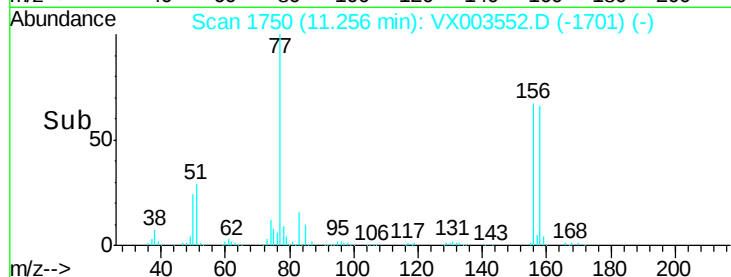
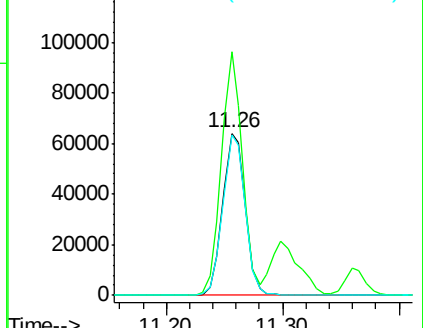
158 97.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.94 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003552.D

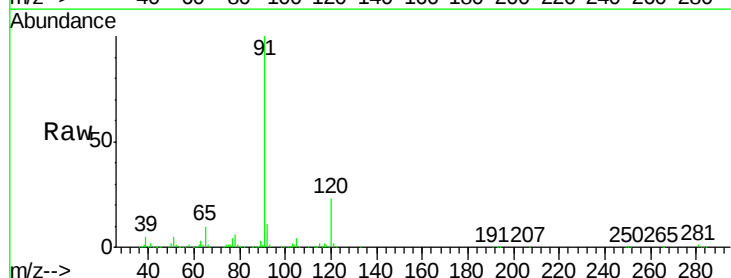
Acq: 21 Jul 2018 14:01

Tgt Ion: 91 Resp: 333090

Ion Ratio Lower Upper

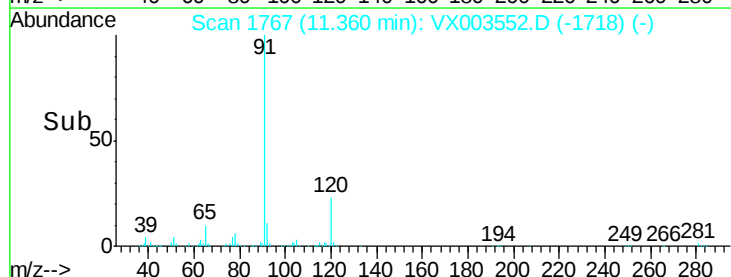
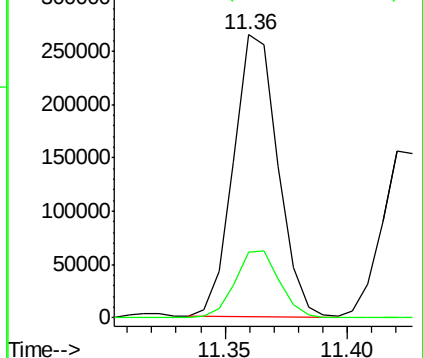
91 100

120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

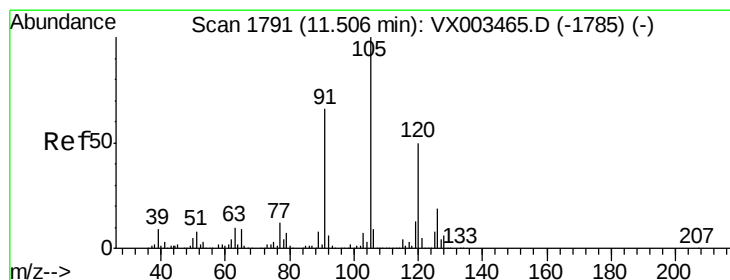
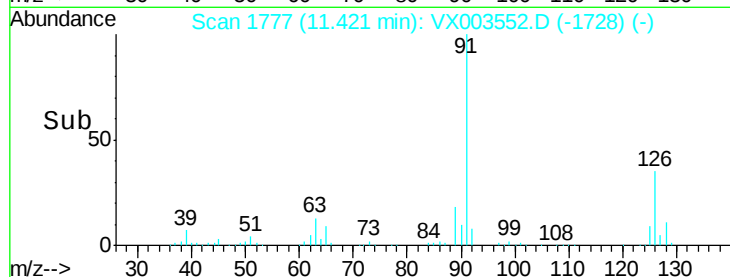
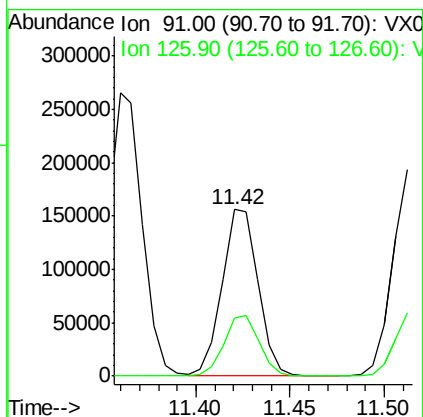
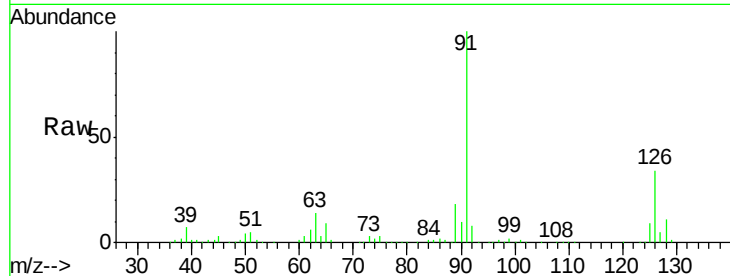




#79  
 2-Chlorotoluene  
 Concen: 20.25 ug/l  
 RT: 11.42 min Scan# 1777  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

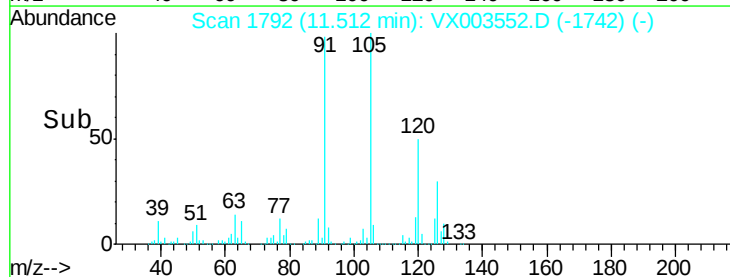
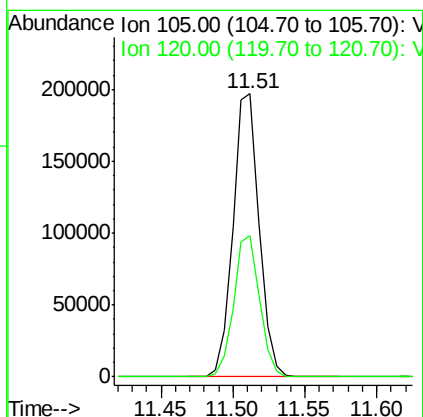
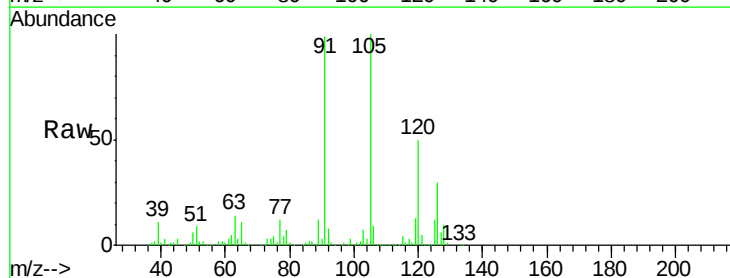
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0721MBS02

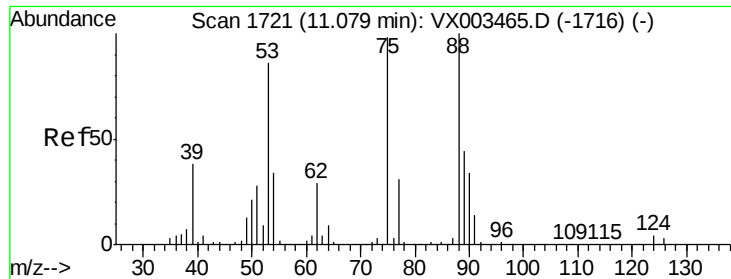
Tot Ion: 91 Resp: 205376  
 Ion Ratio Lower Upper  
 91 100  
 126 36.1 17.7 53.1



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.26 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. 0.01 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

Tgt Ion: 105 Resp: 250297  
 Ion Ratio Lower Upper  
 105 100  
 120 49.6 24.4 73.4

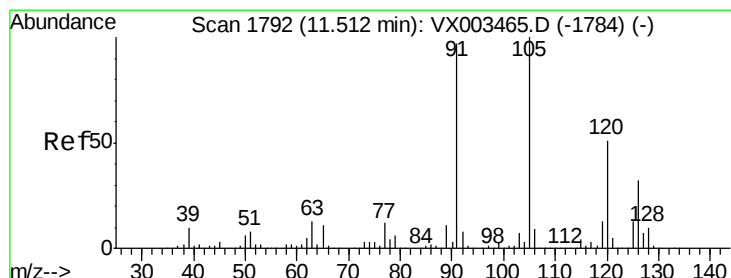
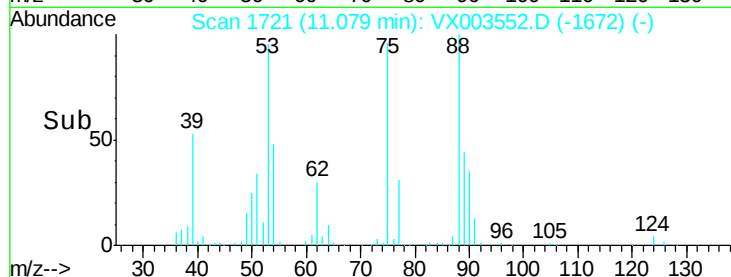
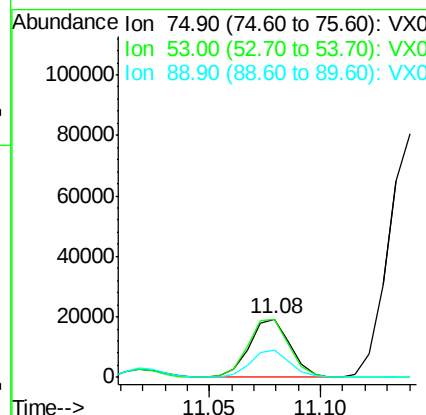
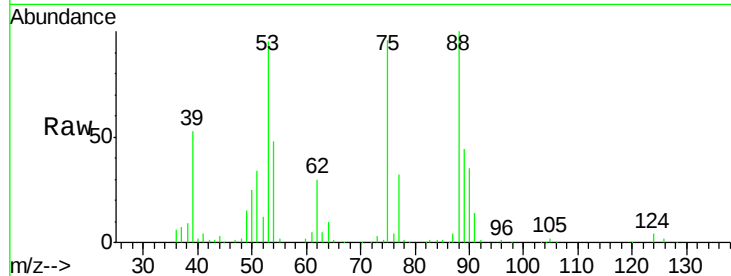




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.14 ug/l  
RT: 11.08 min Scan# 1721  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

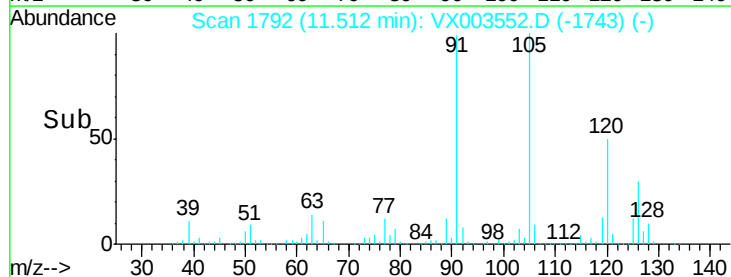
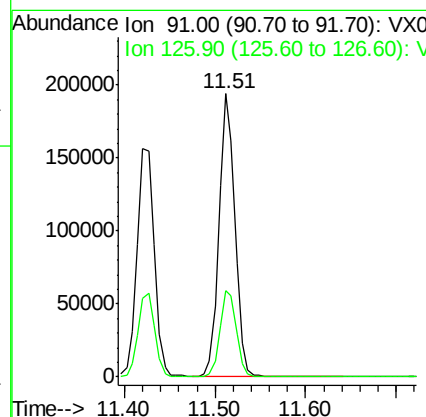
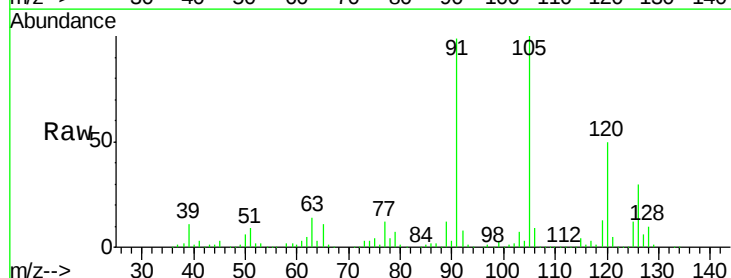
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0721MBSD02

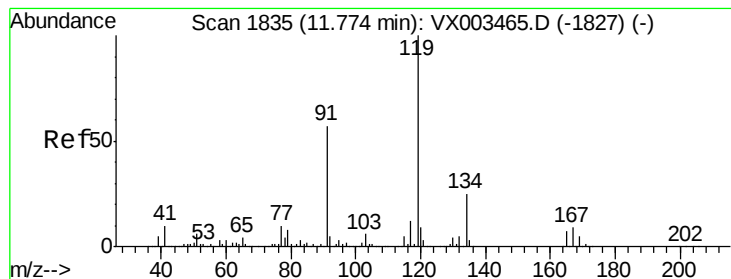
Tot Ion: 75 Resp: 24198  
Ion Ratio Lower Upper  
75 100  
53 101.3 86.8 130.2  
89 46.7 38.2 57.2



#82  
4-Chlorotoluene  
Concen: 20.25 ug/l  
RT: 11.51 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Tgt Ion: 91 Resp: 240601  
Ion Ratio Lower Upper  
91 100  
126 31.3 15.4 46.4





#83

tert-Butylbenzene

Concen: 19.33 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

VX0721MBS02

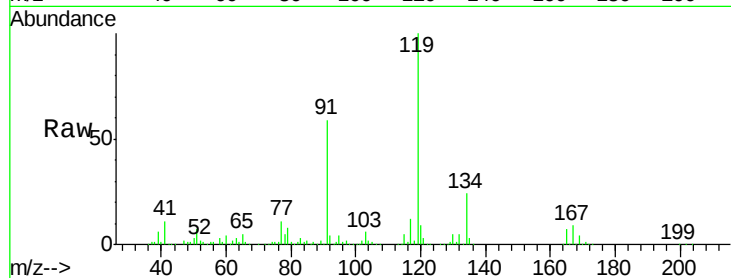
Tot Ion:119 Resp: 233831

Ion Ratio Lower Upper

119 100

91 56.8 30.3 90.9

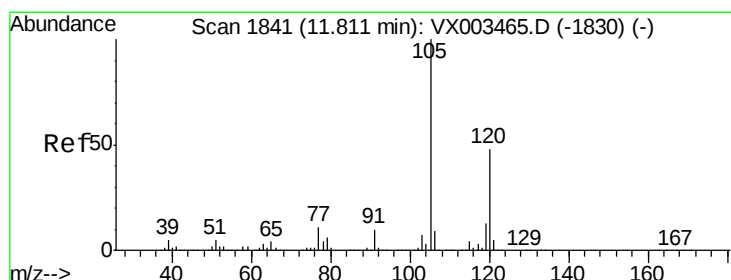
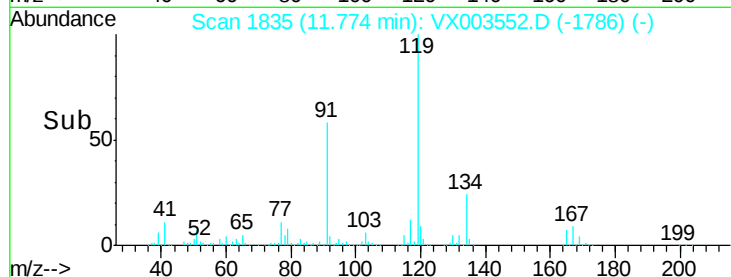
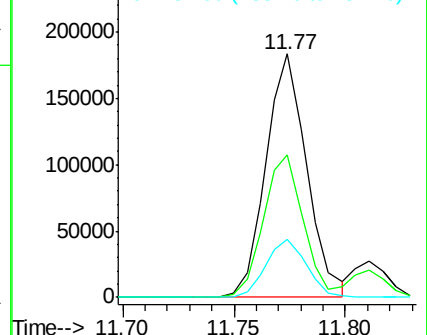
134 23.6 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.57 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003552.D

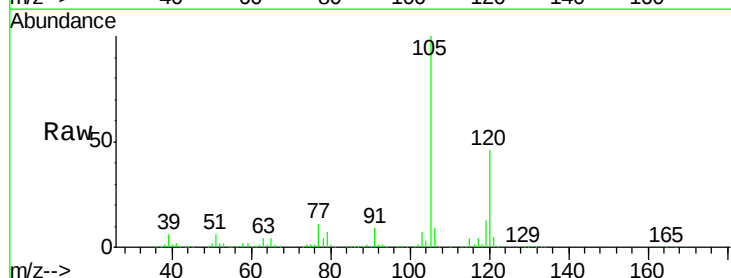
Acq: 21 Jul 2018 14:01

Tgt Ion:105 Resp: 258564

Ion Ratio Lower Upper

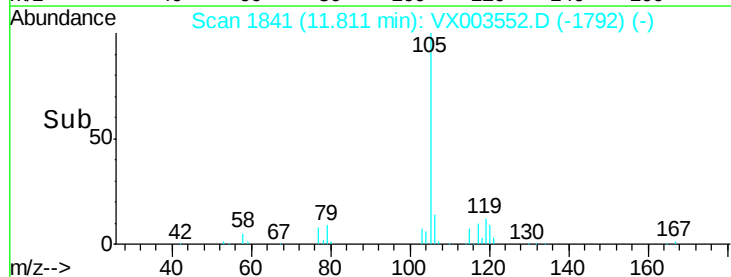
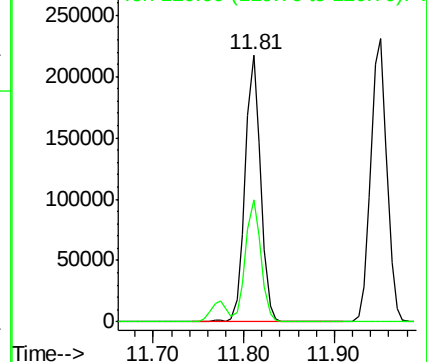
105 100

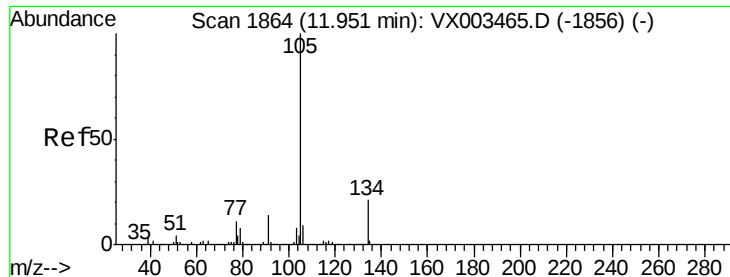
120 45.8 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.48 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

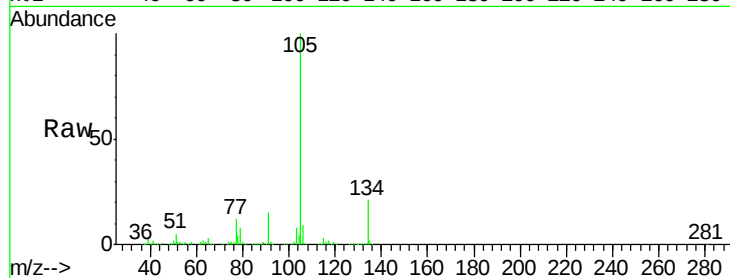
VX0721MBS02

Tot Ion:105 Resp: 286204

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

250000

200000

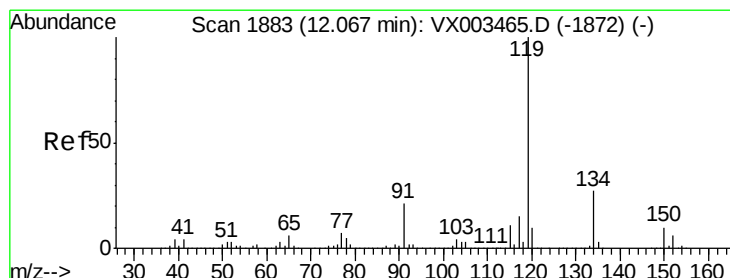
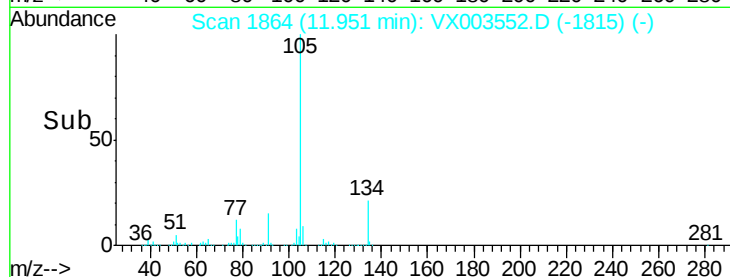
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.59 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

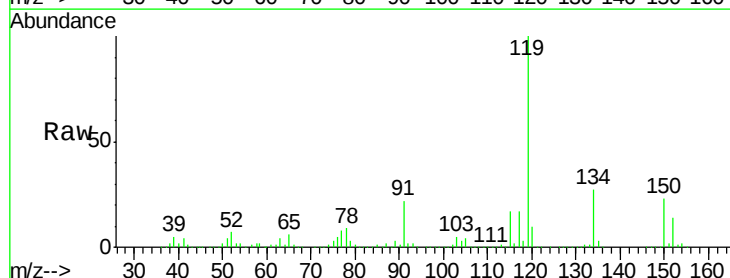
Tgt Ion:119 Resp: 258347

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.5 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

300000

250000

200000

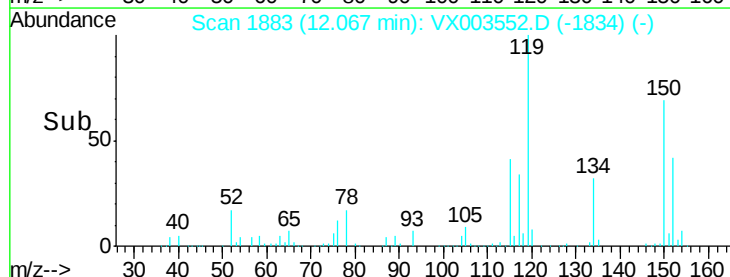
150000

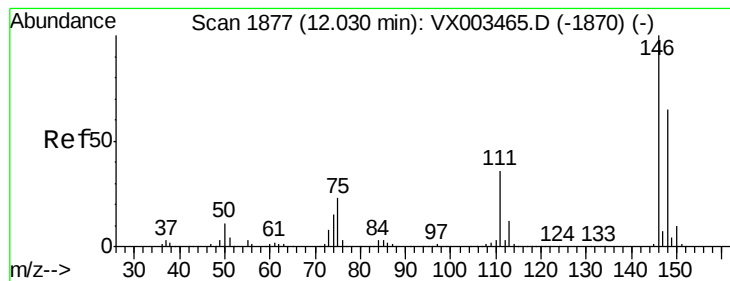
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.43 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

Instrument :

MSVOA\_X

ClientSampleId :

VX0721MBS02

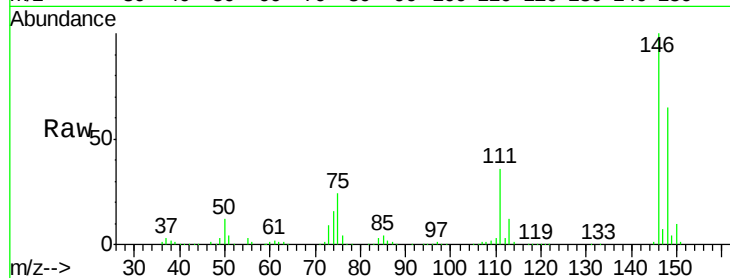
Tot Ion:146 Resp: 154409

Ion Ratio Lower Upper

146 100

111 36.7 18.9 56.7

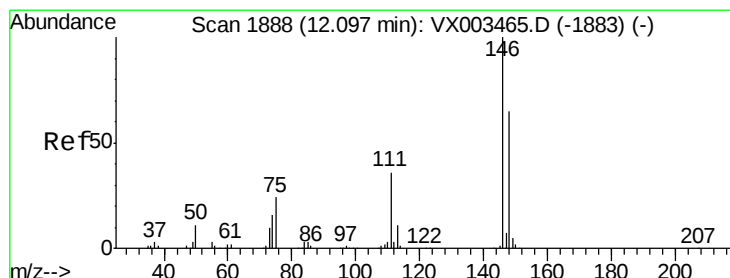
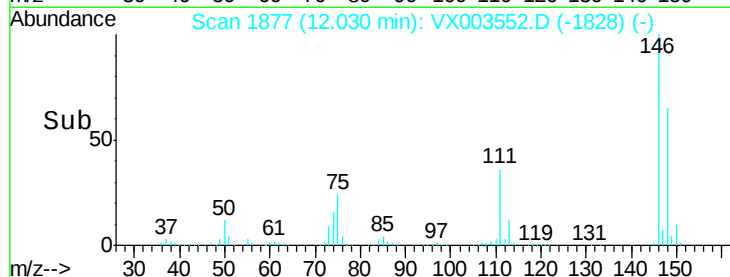
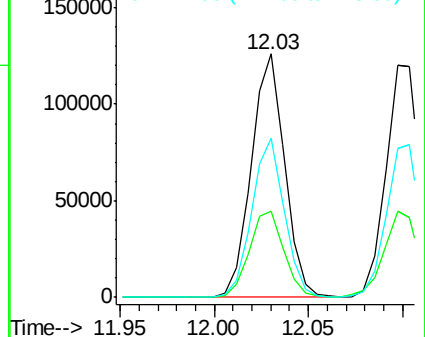
148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.97 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003552.D

Acq: 21 Jul 2018 14:01

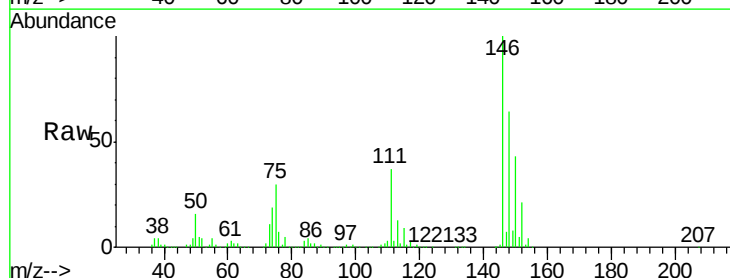
Tgt Ion:146 Resp: 155259

Ion Ratio Lower Upper

146 100

111 37.2 18.7 56.1

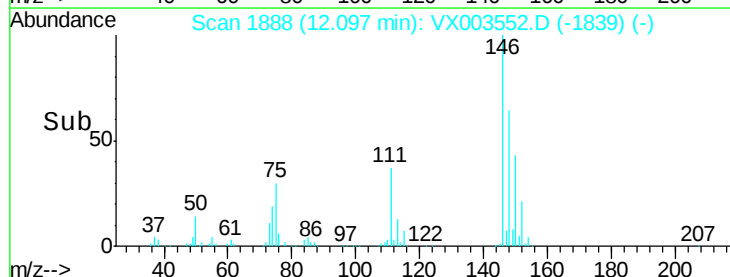
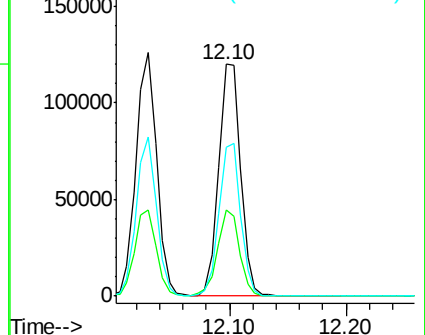
148 64.8 32.4 97.0

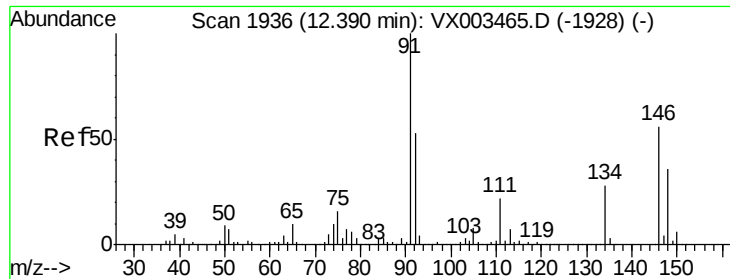


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

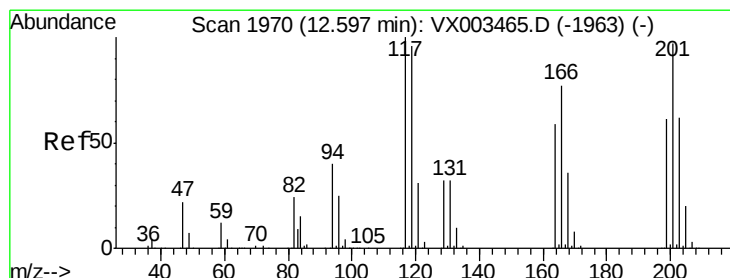
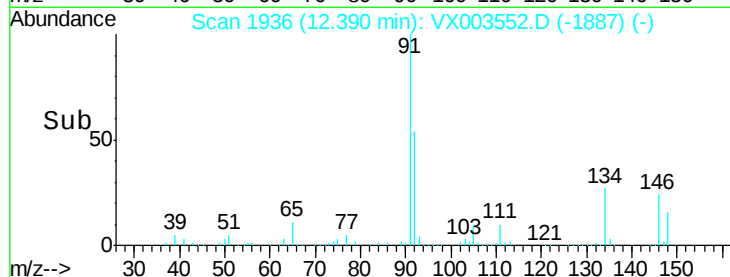
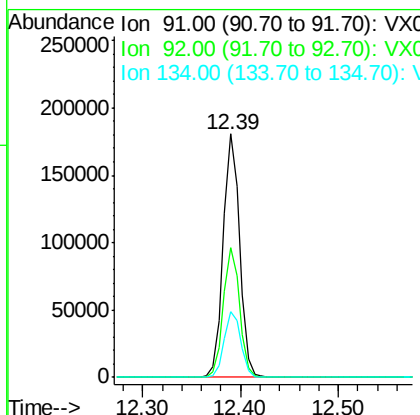
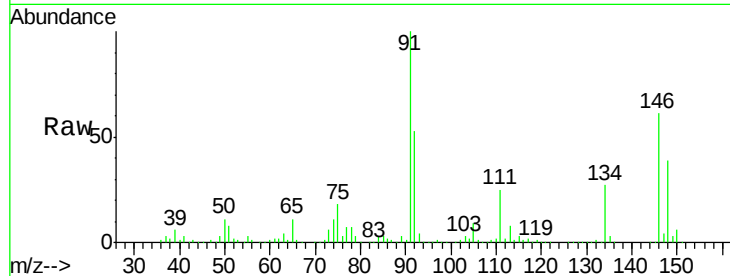




#89  
n-Butylbenzene  
Concen: 18.82 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

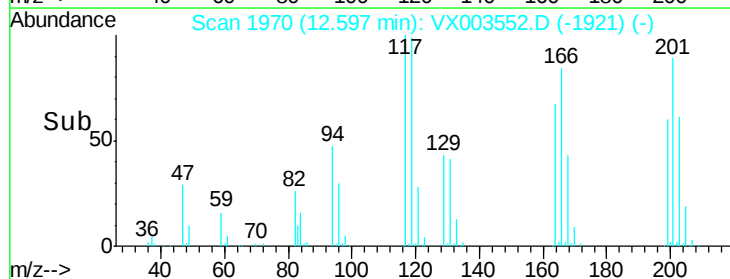
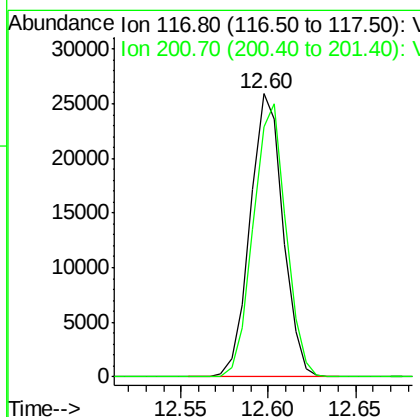
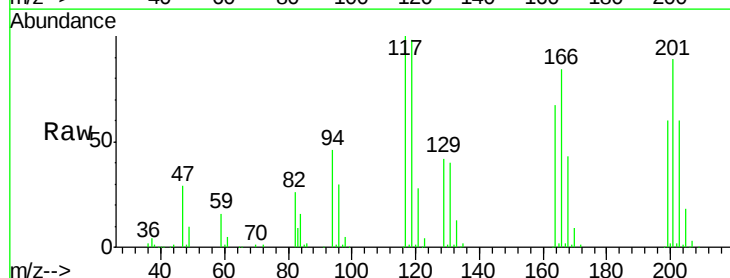
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0721MBS02

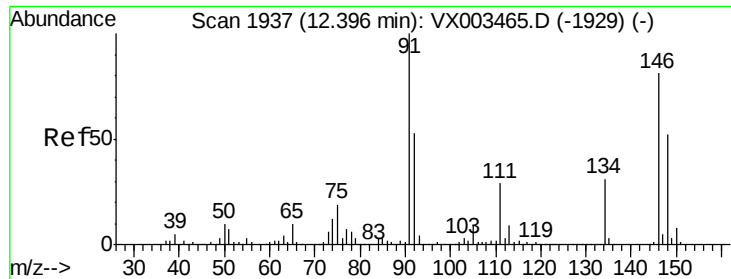
Tot Ion: 91 Resp: 210734  
Ion Ratio Lower Upper  
91 100  
92 52.7 26.0 78.0  
134 27.4 13.5 40.5



#90  
Hexachloroethane  
Concen: 18.01 ug/l  
RT: 12.60 min Scan# 1970  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Tgt Ion: 117 Resp: 33760  
Ion Ratio Lower Upper  
117 100  
201 96.0 49.0 147.0

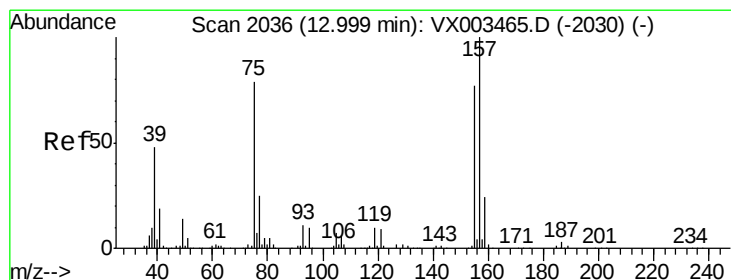
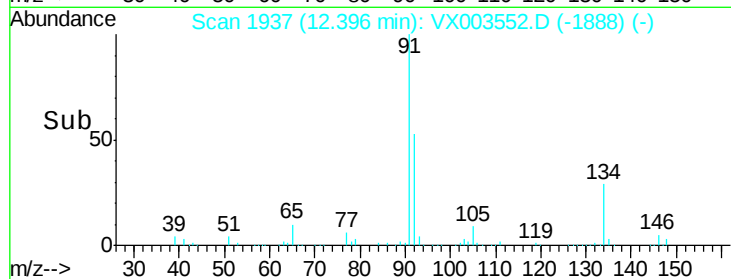
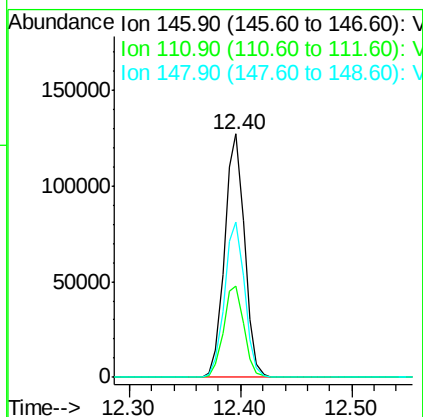
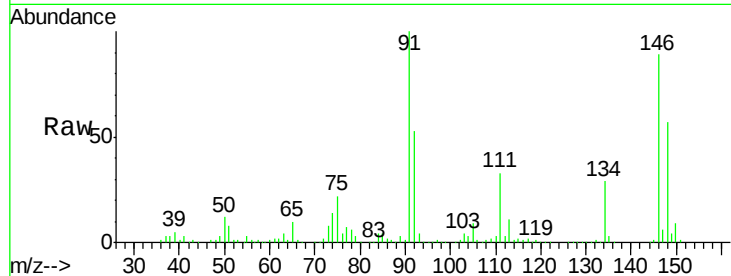




#91  
 1,2-Dichlorobenzene  
 Concen: 20.10 ug/l  
 RT: 12.40 min Scan# 1937  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

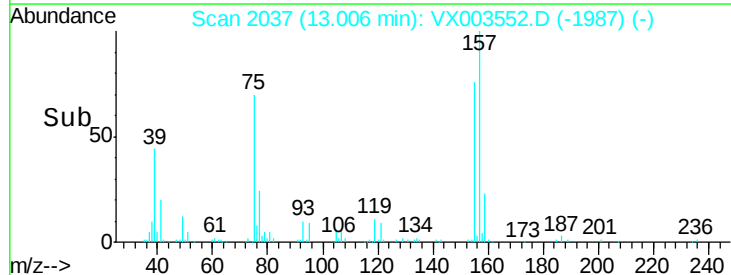
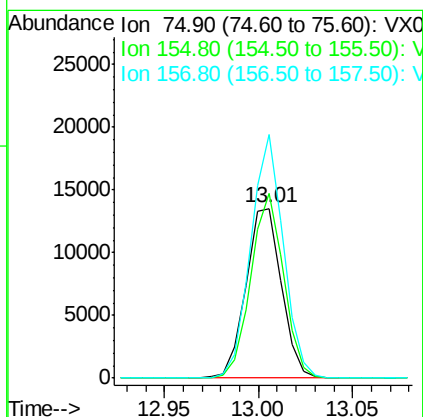
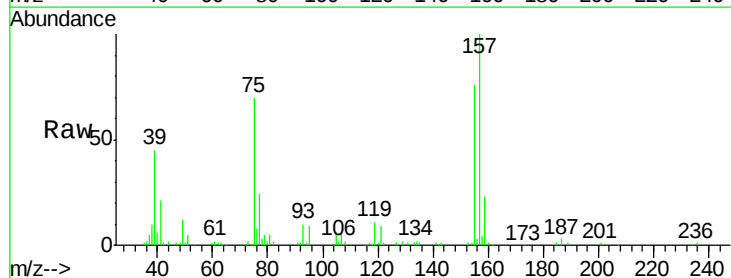
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0721MBSD02

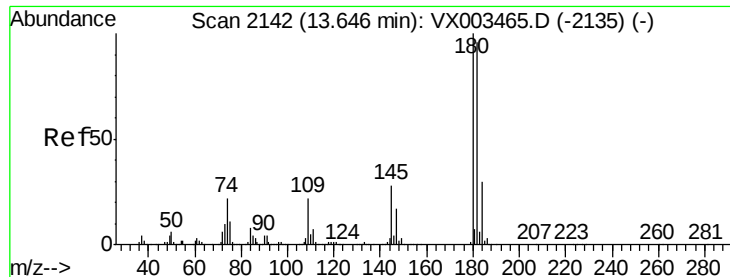
Tot Ion:146 Resp: 157387  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 19.4 58.1  
 148 64.4 31.7 95.1



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.60 ug/l  
 RT: 13.01 min Scan# 2037  
 Delta R.T. 0.01 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

Tgt Ion: 75 Resp: 17658  
 Ion Ratio Lower Upper  
 75 100  
 155 100.2 45.8 137.4  
 157 131.5 60.1 180.3

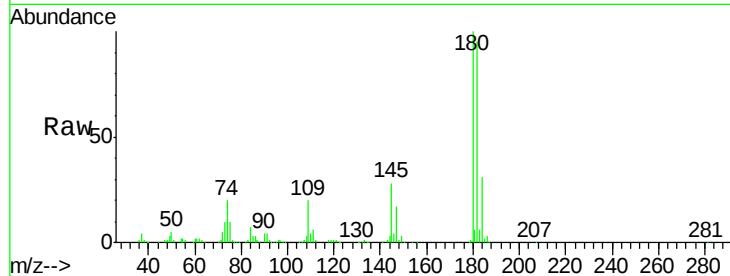




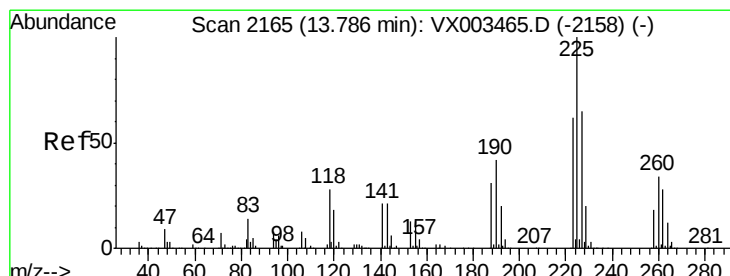
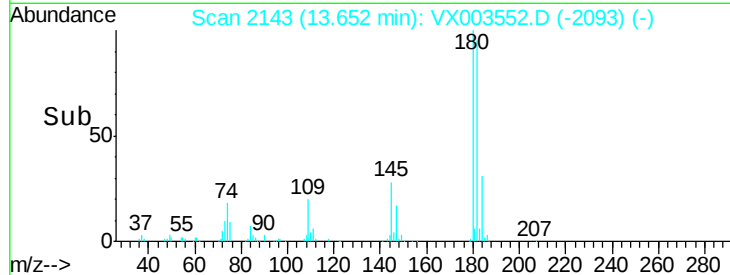
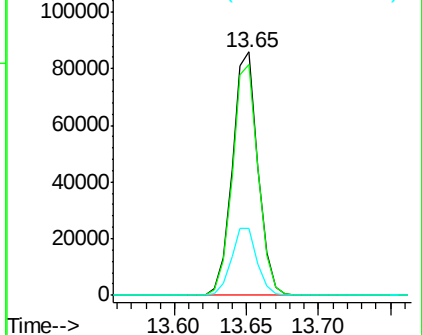
#93  
 1,2,4-Trichlorobenzene  
 Concen: 18.53 ug/l  
 RT: 13.65 min Scan# 2143  
 Delta R.T. 0.01 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0721MBS02

Tot Ion:180 Resp: 106333  
 Ion Ratio Lower Upper  
 180 100  
 182 95.7 47.7 143.1  
 145 28.0 14.1 42.4

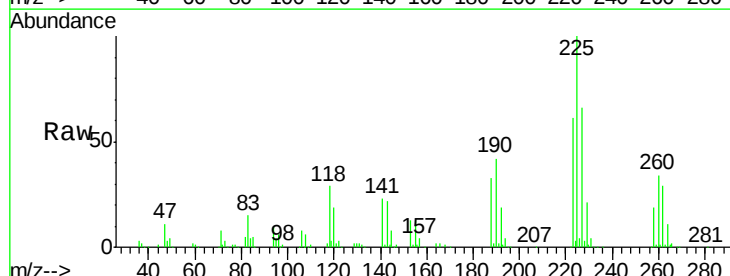


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

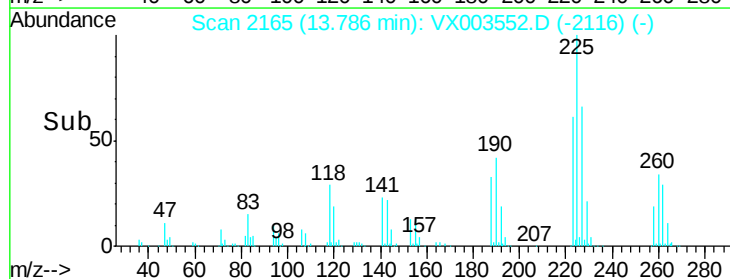
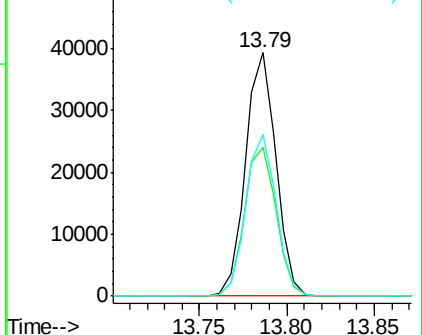


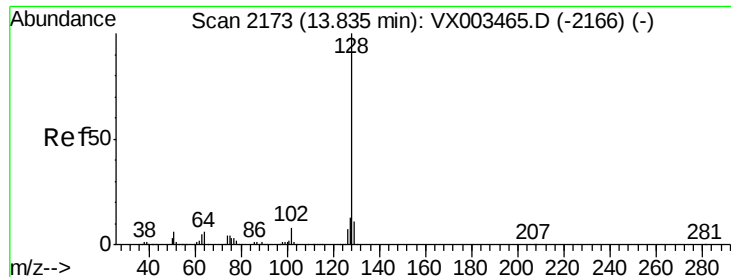
#94  
 Hexachlorobutadiene  
 Concen: 17.28 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. 0.00 min  
 Lab File: VX003552.D  
 Acq: 21 Jul 2018 14:01

Tgt Ion:225 Resp: 47706  
 Ion Ratio Lower Upper  
 225 100  
 223 63.6 31.6 95.0  
 227 66.5 32.4 97.2



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

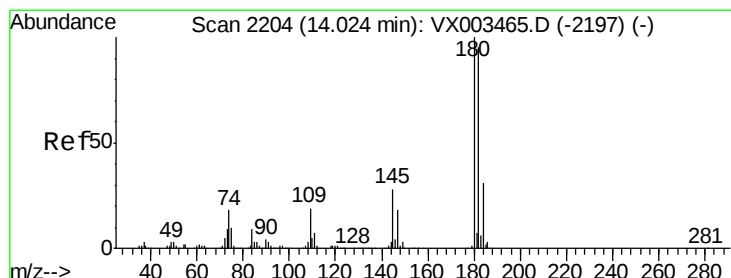
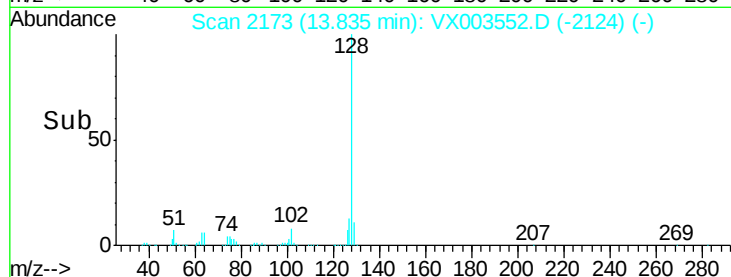
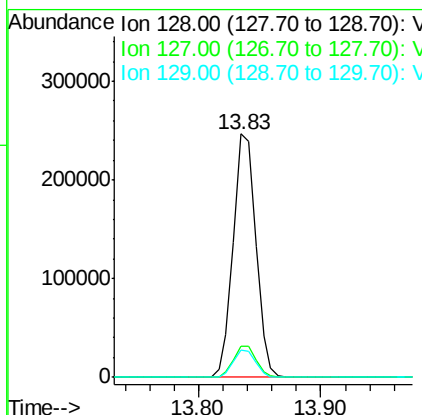
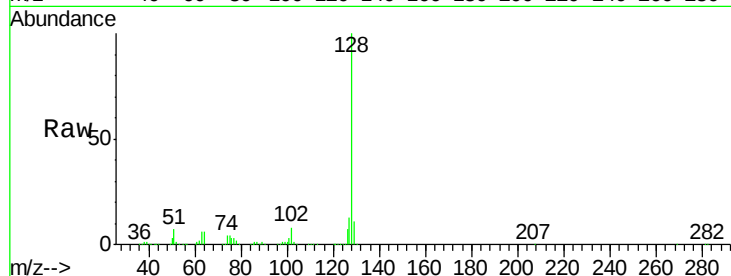




#95  
Naphthalene  
Concen: 20.93 ug/l  
RT: 13.83 min Scan# 2173  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0721MBSD02

Tot Ion:128 Resp: 315731  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.4 15.6  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 19.36 ug/l  
RT: 14.02 min Scan# 2204  
Delta R.T. 0.00 min  
Lab File: VX003552.D  
Acq: 21 Jul 2018 14:01

Tgt Ion:180 Resp: 110008  
Ion Ratio Lower Upper  
180 100  
182 95.3 48.0 144.0  
145 30.0 14.8 44.3

