

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053019\  
 Data File : VX009959.D  
 Acq On : 30 May 2019 14:41  
 Operator : JC/SP  
 Sample : K3094-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S32-0656

Quant Time: May 31 05:34:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X052819W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 29 04:00:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 175449   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 276762   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 248146   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 109895   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.06   | 65  | 119186   | 48.09 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.18%  |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 86307    | 49.60 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.20%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 355627   | 50.33 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.66% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 120480   | 47.47 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.94%  |      |

## Target Compounds

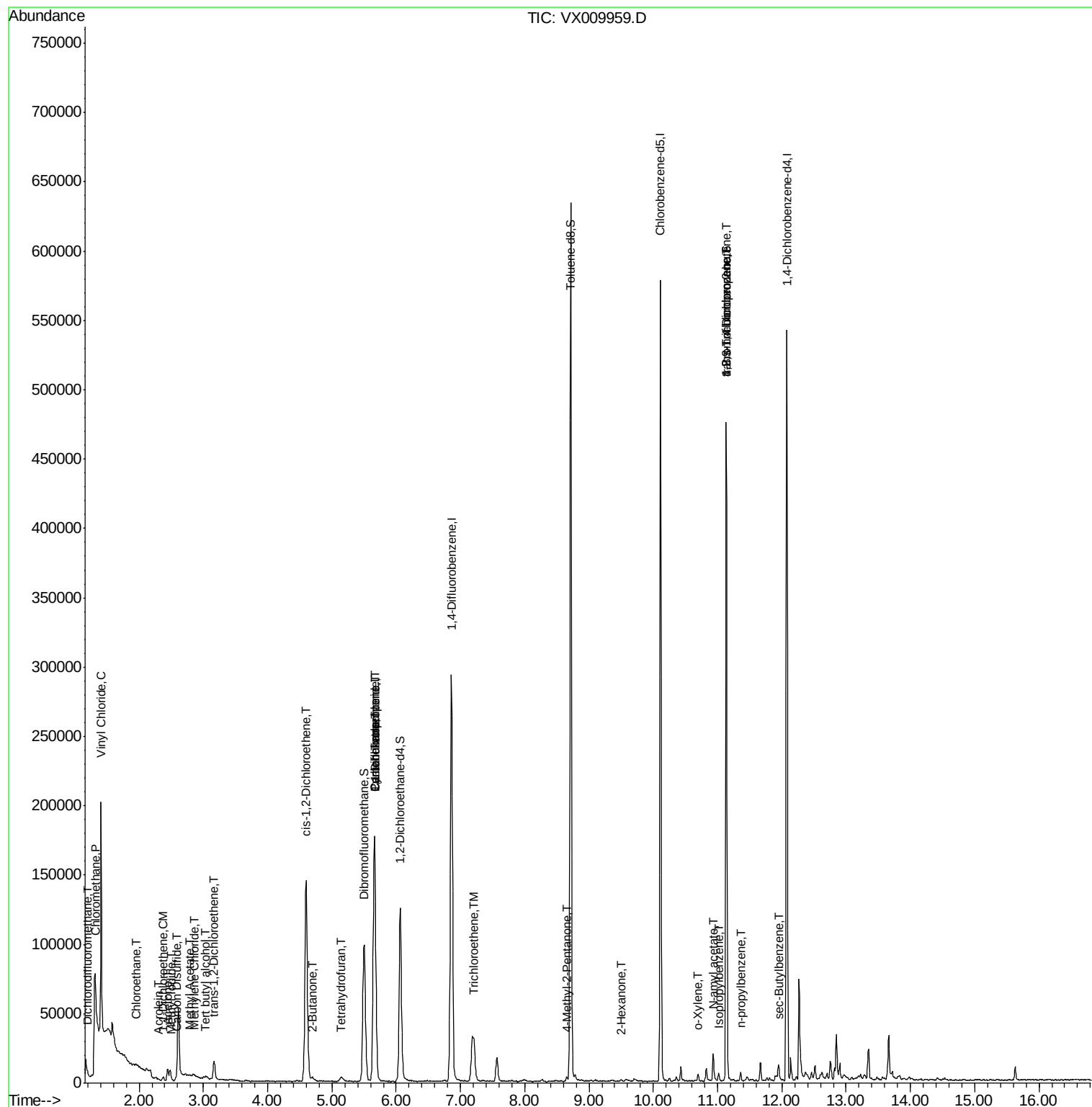
|                                |       |     |        |        | Qvalue |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| 2) Dichlorodifluoromethane     | 1.20  | 85  | 1051   | 0.490  | ug/l   | 98 |
| 3) Chloromethane               | 1.32  | 50  | 4172   | 1.447  | ug/l # | 60 |
| 4) Vinyl Chloride              | 1.41  | 62  | 111943 | 43.084 | ug/l   | 95 |
| 6) Chloroethane                | 1.95  | 64  | 1505   | 0.941  | ug/l # | 43 |
| 10) Methyl Iodide              | 2.51  | 142 | 208    | 4.745  | ug/l # | 75 |
| 11) Tert butyl alcohol         | 3.04  | 59  | 1297   | 2.126  | ug/l # | 86 |
| 12) 1,1-Dichloroethene         | 2.37  | 96  | 857    | 0.482  | ug/l # | 78 |
| 13) Acrolein                   | 2.31  | 56  | 151    | 21.417 | ug/l # | 62 |
| 16) Acetone                    | 2.45  | 43  | 10073  | 7.034  | ug/l   | 99 |
| 17) Carbon Disulfide           | 2.57  | 76  | 4855   | 1.280  | ug/l # | 88 |
| 18) Methyl Acetate             | 2.78  | 43  | 726    | 0.218  | ug/l # | 85 |
| 20) Methylene Chloride         | 2.86  | 84  | 567    | 0.259  | ug/l # | 85 |
| 21) trans-1,2-Dichloroethene   | 3.17  | 96  | 5163   | 2.612  | ug/l   | 98 |
| 25) 2-Butanone                 | 4.70  | 43  | 2269   | 1.017  | ug/l   | 98 |
| 27) cis-1,2-Dichloroethene     | 4.60  | 96  | 88108  | 38.608 | ug/l   | 88 |
| 29) Tetrahydrofuran            | 5.15  | 42  | 1533   | 1.072  | ug/l # | 91 |
| 31) Cyclohexane                | 5.67  | 56  | 4180   | 1.108  | ug/l # | 1  |
| 36) 1,1-Dichloropropene        | 5.66  | 75  | 13787  | 4.910  | ug/l # | 50 |
| 38) Carbon Tetrachloride       | 5.67  | 117 | 16473  | 6.789  | ug/l # | 16 |
| 44) Trichloroethene            | 7.21  | 130 | 8479   | 4.191  | ug/l   | 90 |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43  | 847    | 0.206  | ug/l   | 90 |
| 59) 2-Hexanone                 | 9.50  | 43  | 864    | 0.273  | ug/l   | 90 |
| 69) o-Xylene                   | 10.70 | 106 | 872    | 0.264  | ug/l   | 90 |
| 73) Isopropylbenzene           | 11.02 | 105 | 2222   | 0.274  | ug/l   | 99 |
| 74) N-amyl acetate             | 10.93 | 43  | 3131   | 0.646  | ug/l # | 40 |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75  | 62620  | 23.829 | ug/l # | 34 |
| 78) n-propylbenzene            | 11.36 | 91  | 3629   | 0.388  | ug/l   | 97 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75  | 62620  | 58.956 | ug/l # | 10 |
| 85) sec-Butylbenzene           | 11.94 | 105 | 2722   | 0.350  | ug/l # | 71 |

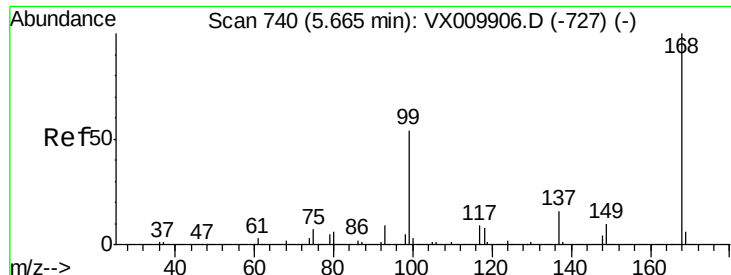
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX053019\  
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Sample : K3094-02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
S32-0656

Quant Time: May 31 05:34:10 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X052819W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 29 04:00:56 2019  
Response via : Initial Calibration

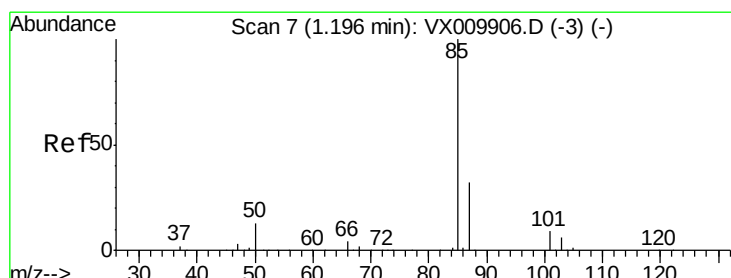
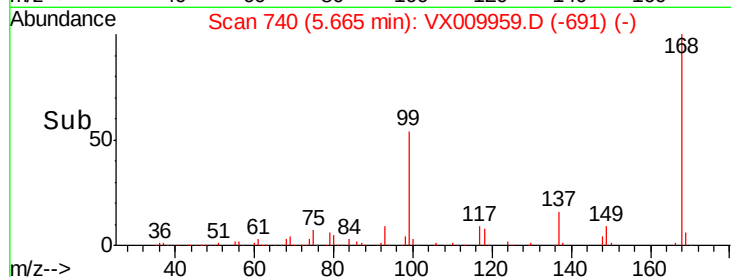
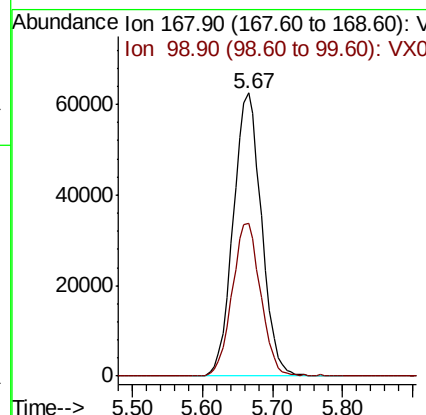
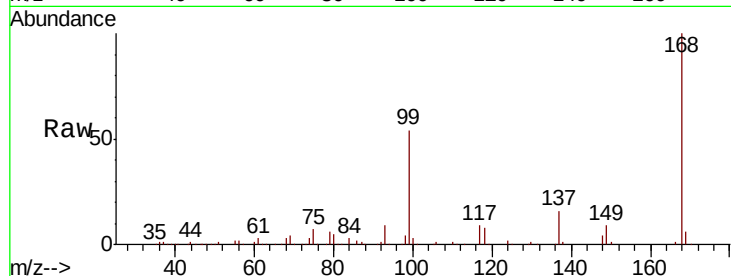




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. -0.00 min  
Lab File: VX009959.D  
Acq: 30 May 2019 14:41

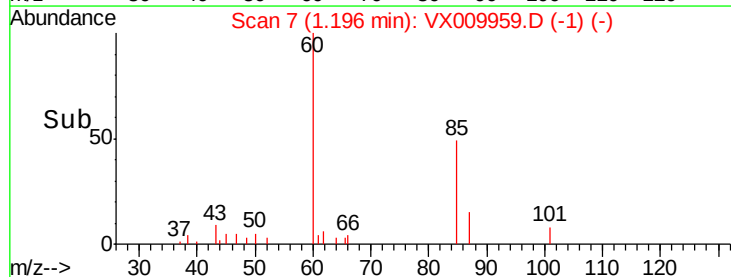
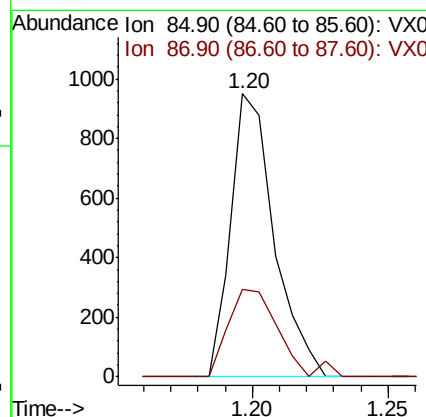
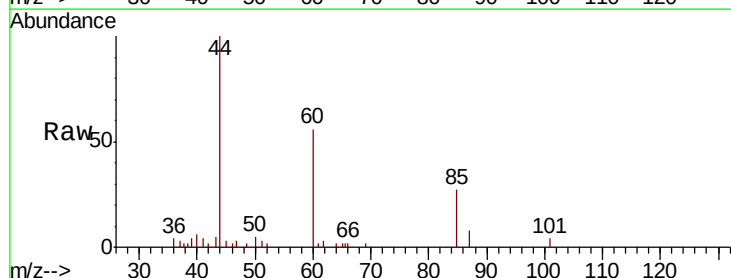
Instrument :  
MSVOA\_X  
ClientSampleId :  
S32-0656

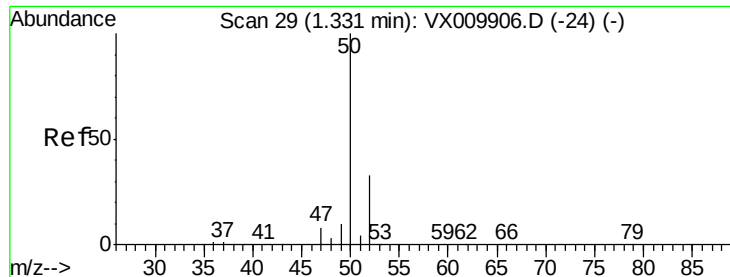
Tot Ion:168 Resp: 175449  
Ion Ratio Lower Upper  
168 100  
99 53.8 43.0 64.6



#2  
Dichlorodifluoromethane  
Concen: 0.490 ug/l  
RT: 1.20 min Scan# 7  
Delta R.T. -0.00 min  
Lab File: VX009959.D  
Acq: 30 May 2019 14:41

Tgt Ion: 85 Resp: 1051  
Ion Ratio Lower Upper  
85 100  
87 30.7 16.1 48.2





#3

Chloromethane

Concen: 1.447 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

Instrument :

MSVOA\_X

ClientSampleId :

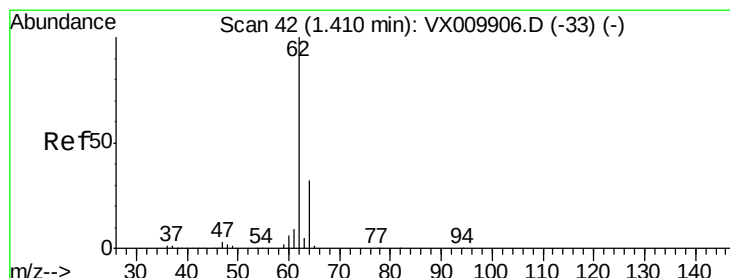
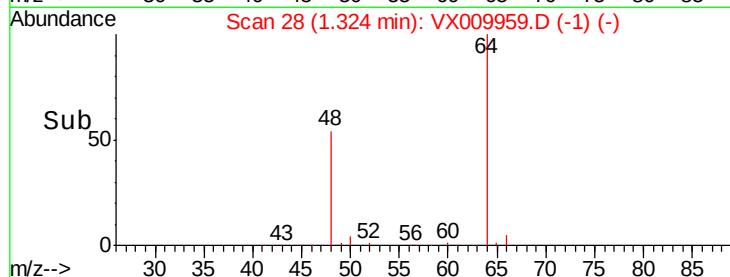
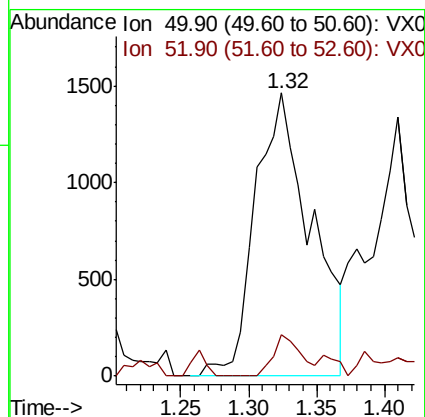
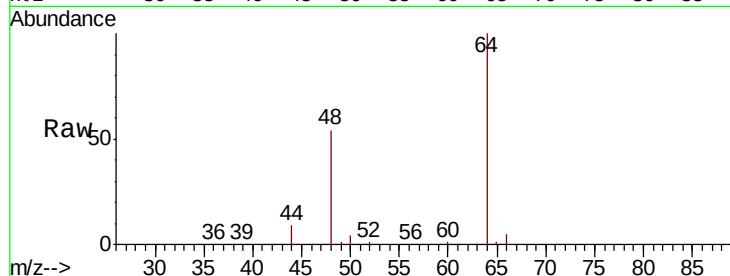
S32-0656

Tot Ion: 50 Resp: 4172

Ion Ratio Lower Upper

50 100

52 10.0 26.0 39.0#



#4

Vinyl Chloride

Concen: 43.084 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009959.D

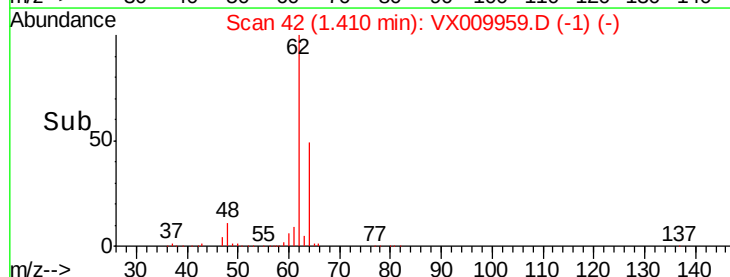
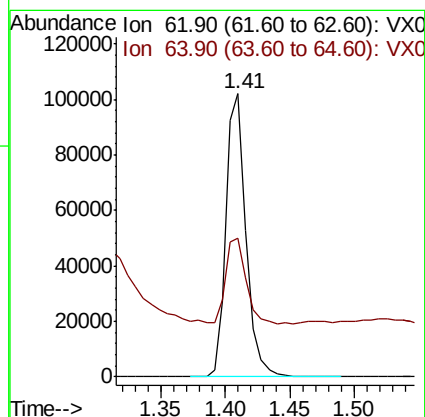
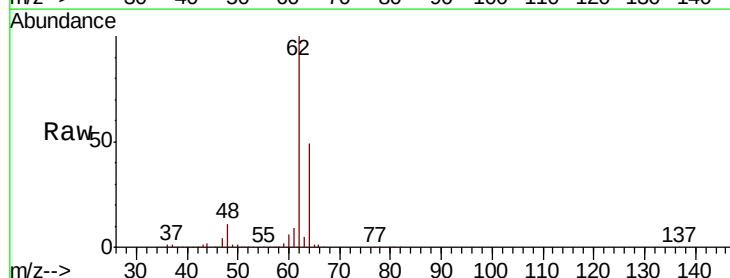
Acq: 30 May 2019 14:41

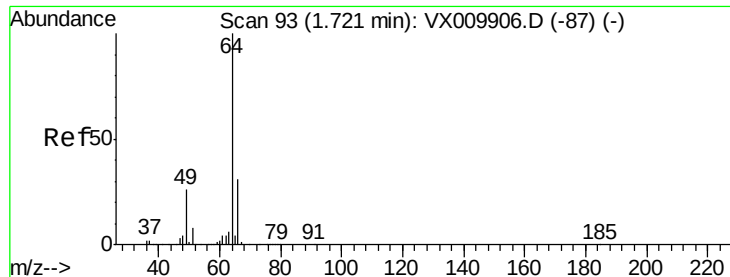
Tgt Ion: 62 Resp: 111943

Ion Ratio Lower Upper

62 100

64 29.5 25.7 38.5





#6

Chloroethane

Concen: 0.941 ug/l

RT: 1.95 min Scan# 131

Delta R.T. 0.23 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

Instrument :

MSVOA\_X

ClientSampleId :

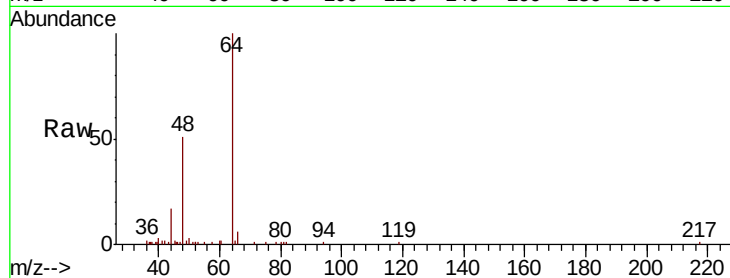
S32-0656

Tot Ion: 64 Resp: 1505

Ion Ratio Lower Upper

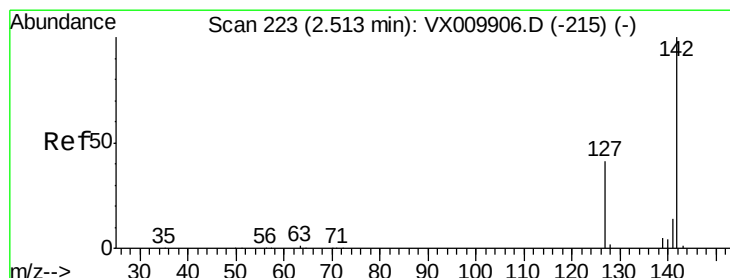
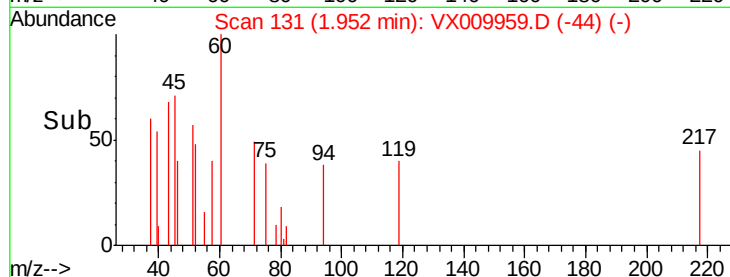
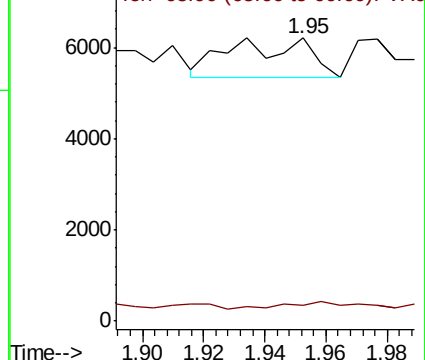
64 100

66 0.0 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 4.745 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

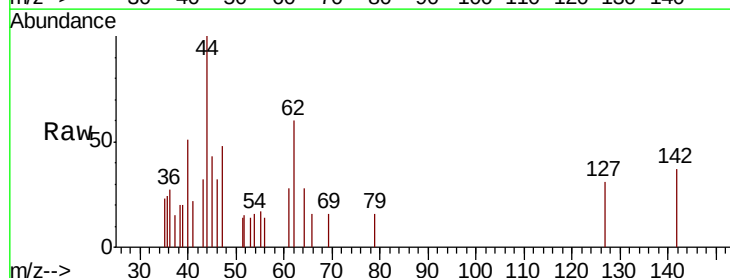
Tgt Ion: 142 Resp: 208

Ion Ratio Lower Upper

142 100

127 54.8 33.0 49.4#

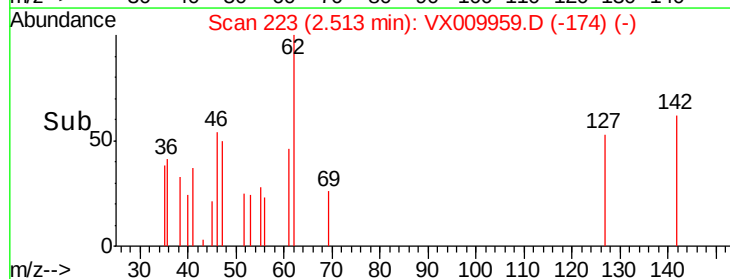
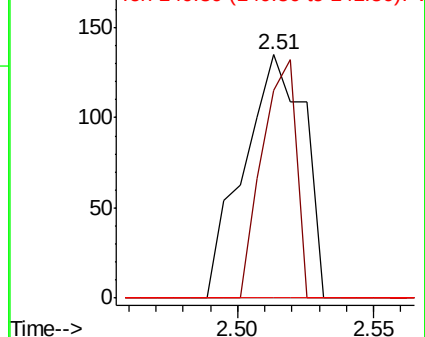
141 0.0 11.4 17.0#

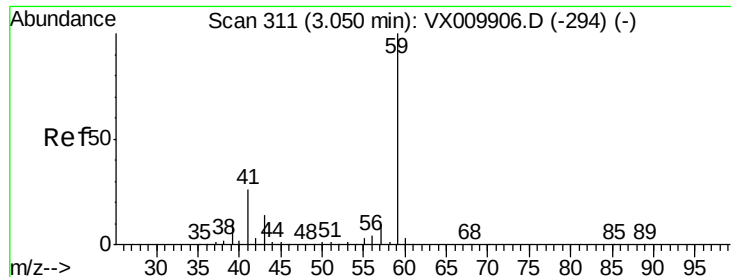


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



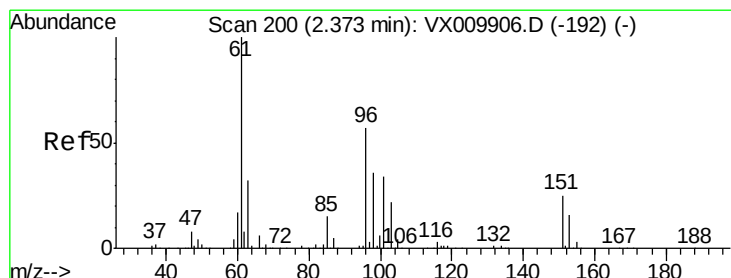
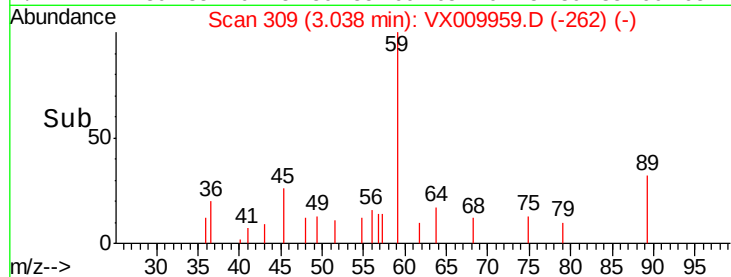
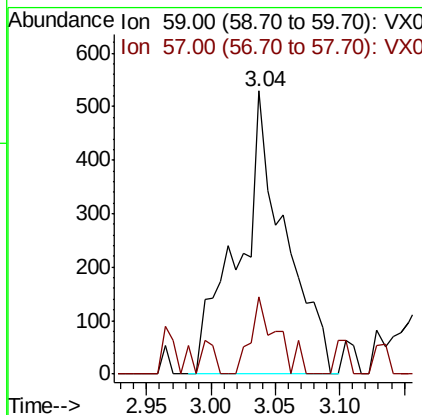
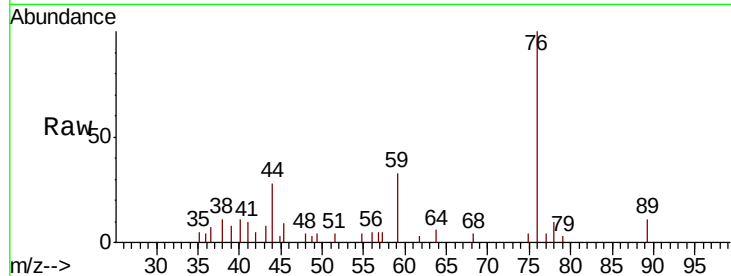


#11

Tert butyl alcohol  
Concen: 2.126 ug/l  
RT: 3.04 min Scan# 309  
Delta R.T. -0.01 min  
Lab File: VX009959.D  
Acq: 30 May 2019 14:41

Instrument :  
MSVOA\_X  
ClientSampled :  
S32-0656

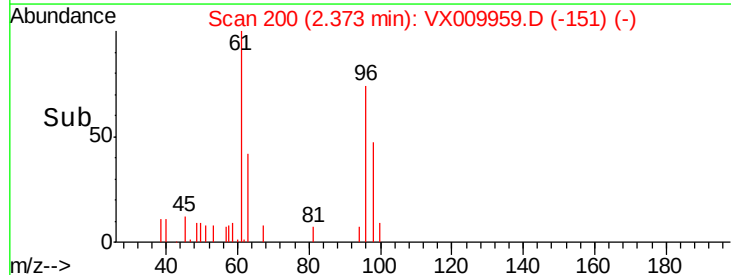
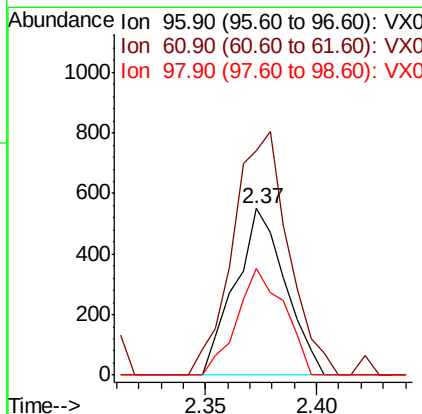
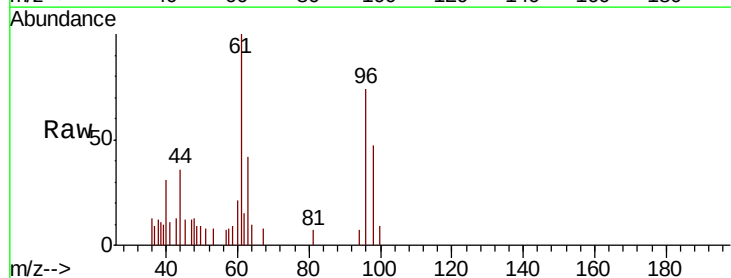
Tot Ion: 59 Resp: 1297  
Ion Ratio Lower Upper  
59 100  
57 15.6 8.2 12.2#

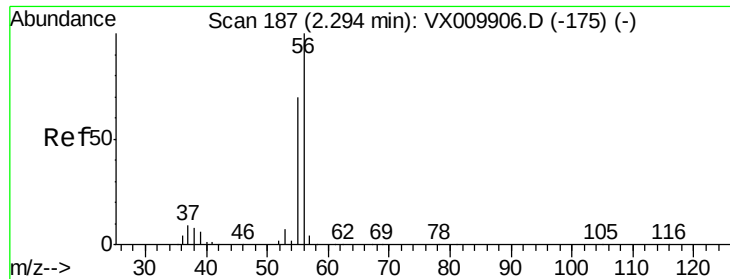


#12

1,1-Dichloroethene  
Concen: 0.482 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX009959.D  
Acq: 30 May 2019 14:41

Tgt Ion: 96 Resp: 857  
Ion Ratio Lower Upper  
96 100  
61 134.5 140.7 211.1#  
98 63.8 50.1 75.1





#13

Acrolein

Concen: 21.417 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

Instrument :

MSVOA\_X

ClientSampleId :

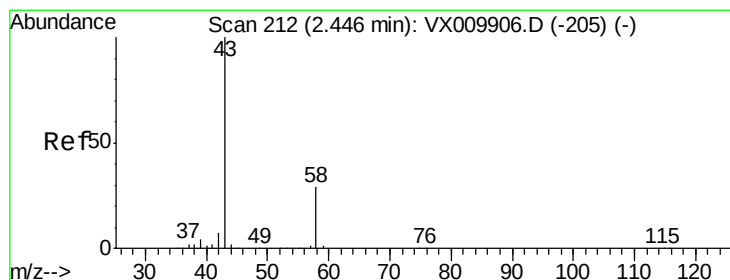
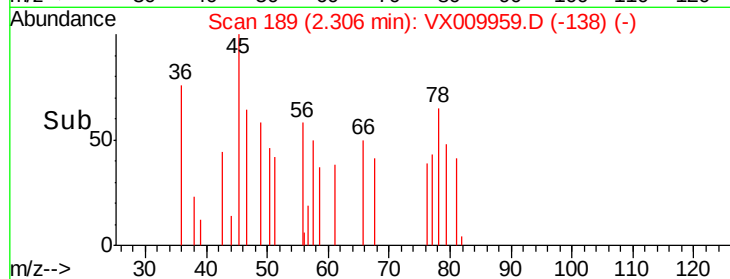
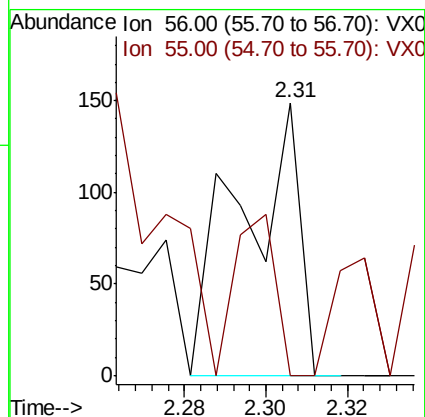
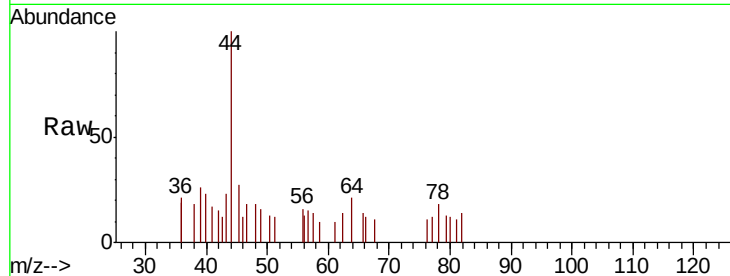
S32-0656

Tot Ion: 56 Resp: 151

Ion Ratio Lower Upper

56 100

55 39.7 57.0 85.4#



#16

Acetone

Concen: 7.034 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009959.D

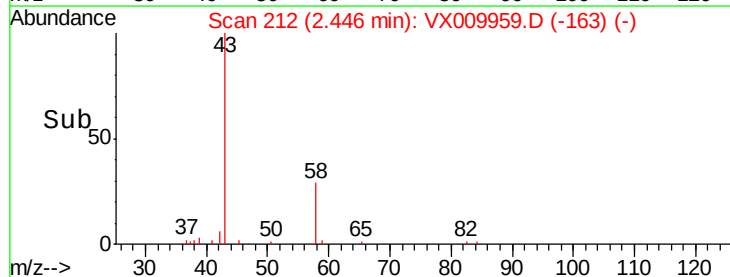
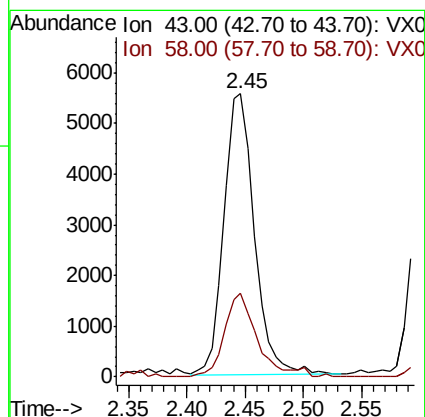
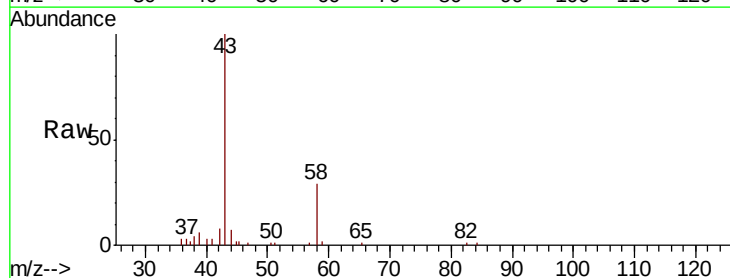
Acq: 30 May 2019 14:41

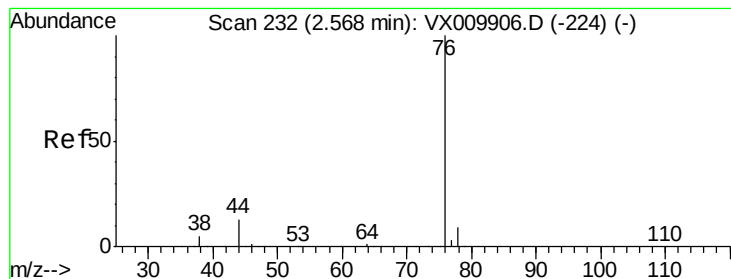
Tgt Ion: 43 Resp: 10073

Ion Ratio Lower Upper

43 100

58 29.7 23.2 34.8





#17

Carbon Disulfide

Concen: 1.280 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

Instrument :

MSVOA\_X

ClientSampled :

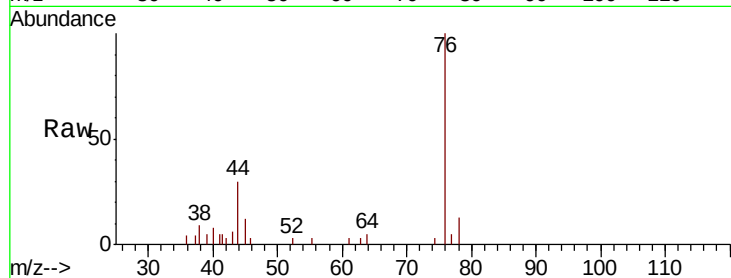
S32-0656

Tot Ion: 76 Resp: 4855

Ion Ratio Lower Upper

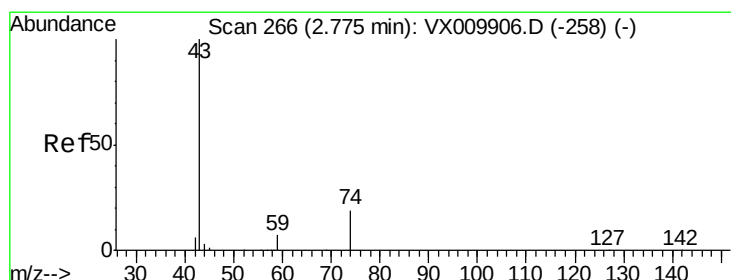
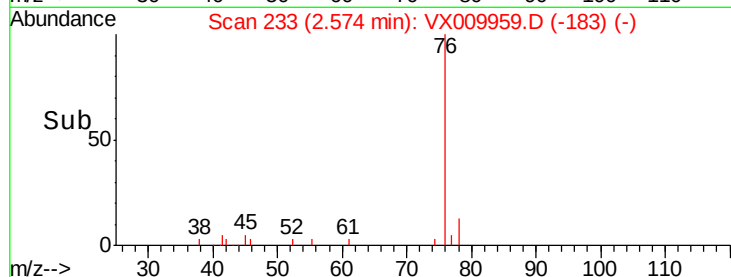
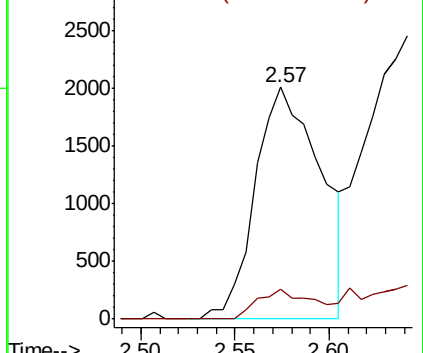
76 100

78 13.1 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.218 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX009959.D

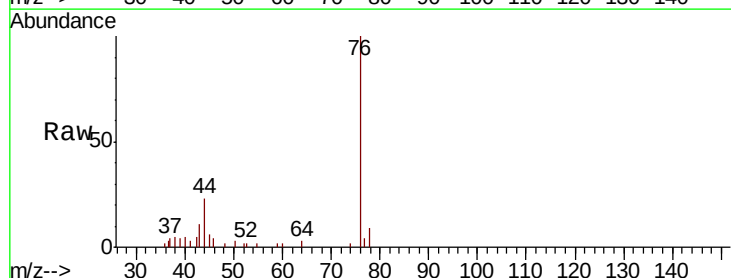
Acq: 30 May 2019 14:41

Tgt Ion: 43 Resp: 726

Ion Ratio Lower Upper

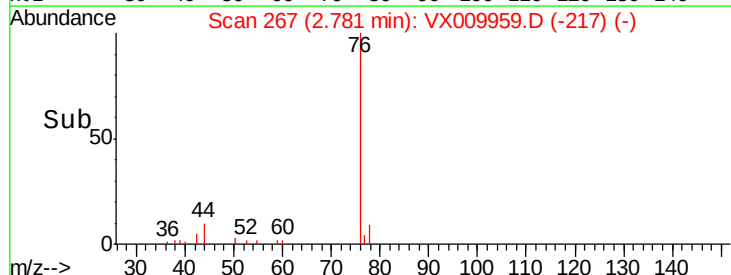
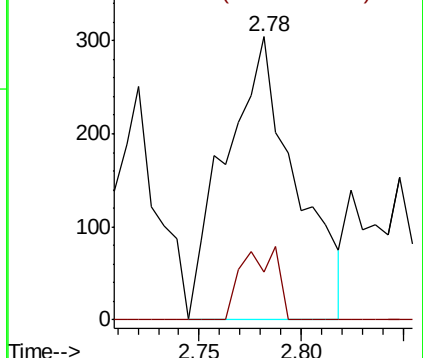
43 100

74 12.9 15.8 23.6#

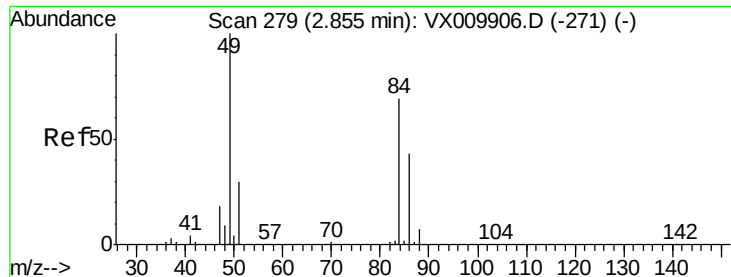


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



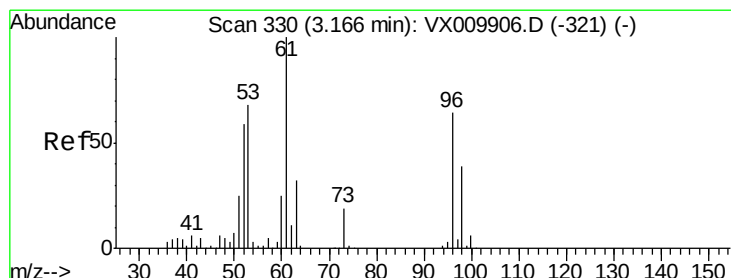
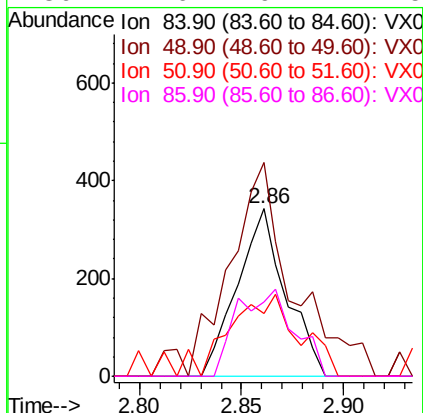
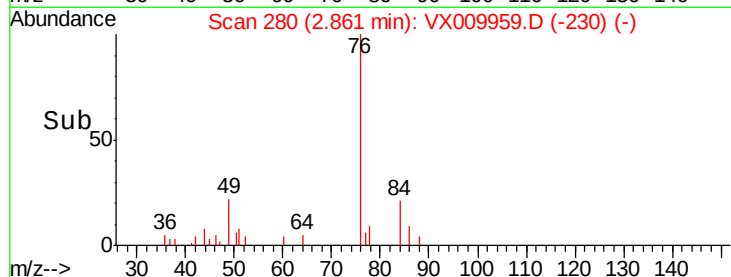
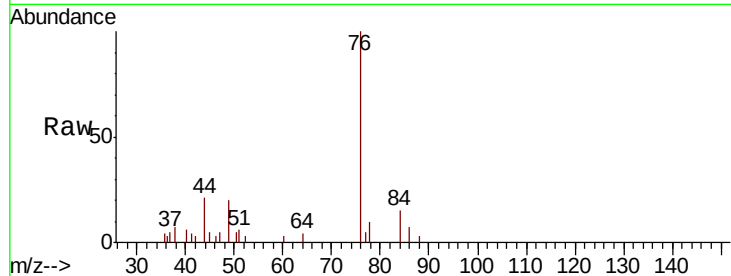




#20  
Methylene Chloride  
Concen: 0.259 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX009959.D  
Acq: 30 May 2019 14:41

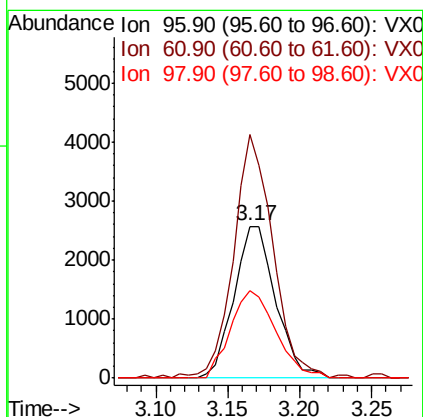
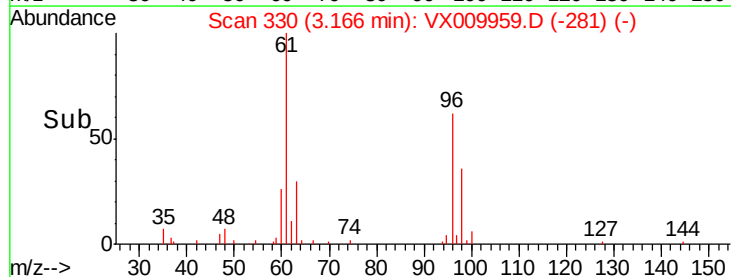
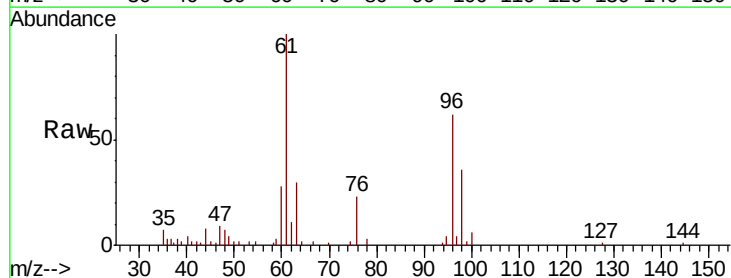
Instrument :  
MSVOA\_X  
ClientSampleId :  
S32-0656

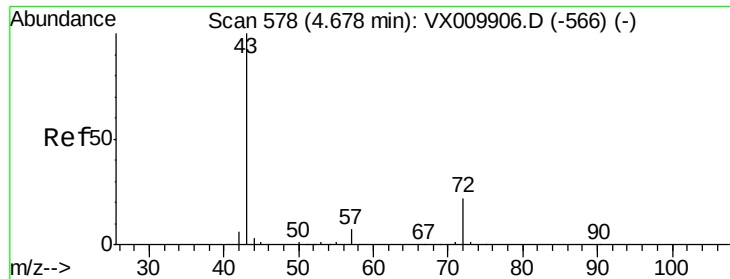
Tot Ion: 84 Resp: 567  
Ion Ratio Lower Upper  
84 100  
49 127.4 115.8 173.6  
51 37.6 34.4 51.6  
86 44.6 49.7 74.5#



#21  
trans-1,2-Dichloroethene  
Concen: 2.612 ug/l  
RT: 3.17 min Scan# 330  
Delta R.T. -0.00 min  
Lab File: VX009959.D  
Acq: 30 May 2019 14:41

Tgt Ion: 96 Resp: 5163  
Ion Ratio Lower Upper  
96 100  
61 158.5 125.7 188.5  
98 58.0 49.0 73.6





#25

2-Butanone

Concen: 1.017 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.02 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

Instrument :

MSVOA\_X

ClientSampled :

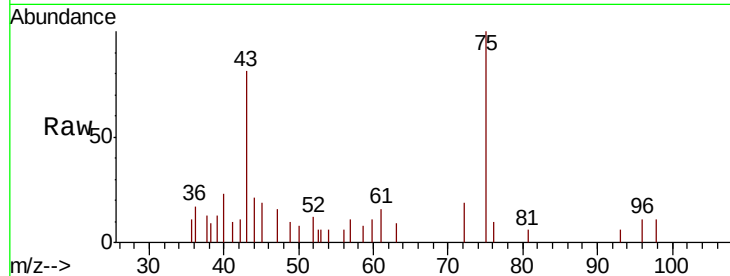
S32-0656

Tot Ion: 43 Resp: 2269

Ion Ratio Lower Upper

43 100

72 22.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

800

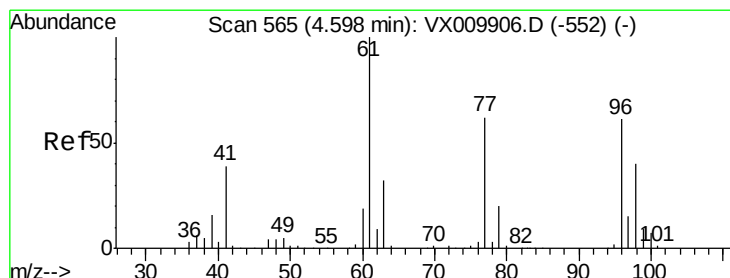
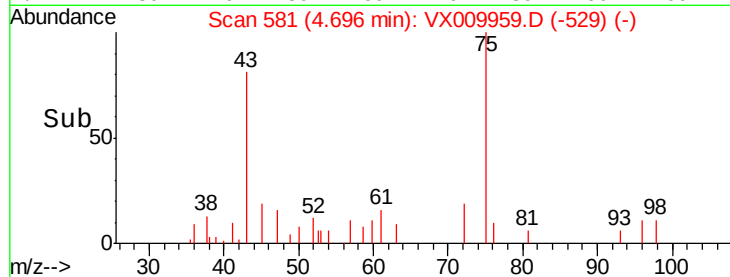
600

400

200

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 38.608 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

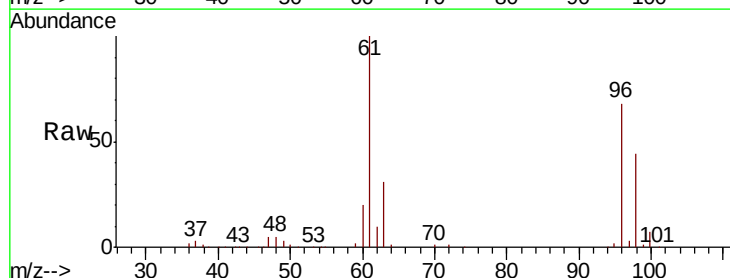
Tgt Ion: 96 Resp: 88108

Ion Ratio Lower Upper

96 100

61 145.9 0.0 334.0

98 64.1 0.0 131.6



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

60000

50000

40000

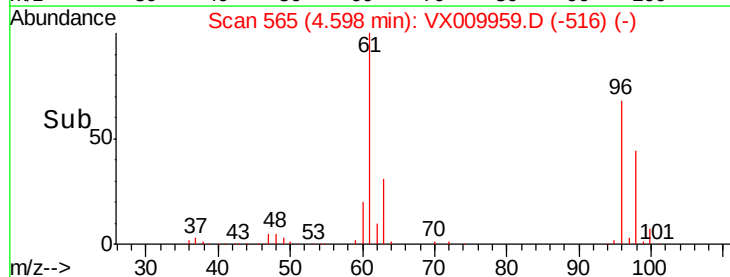
30000

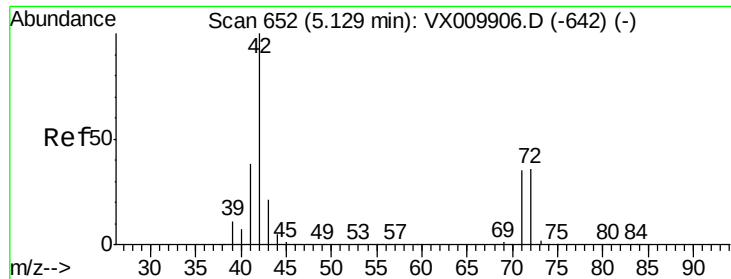
20000

10000

0

Time-->





#29

Tetrahydrofuran

Concen: 1.072 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

Instrument :

MSVOA\_X

ClientSampled :

S32-0656

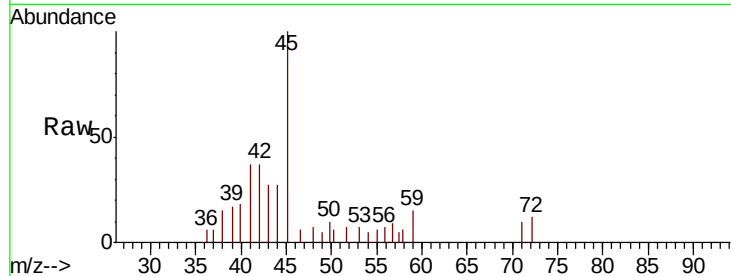
Tot Ion: 42 Resp: 1533

Ion Ratio Lower Upper

42 100

72 39.0 29.2 43.8

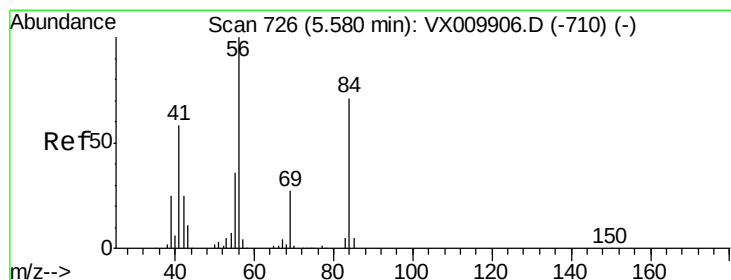
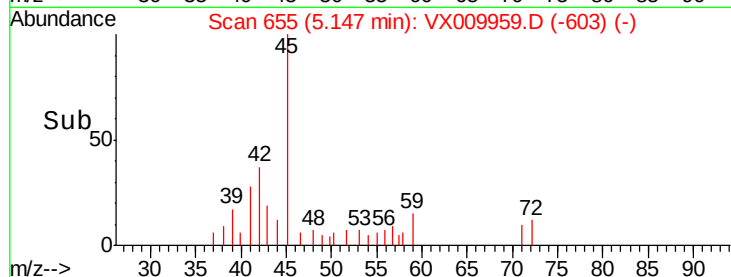
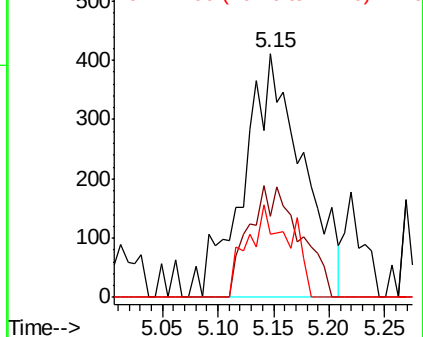
71 26.7 27.6 41.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 1.108 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

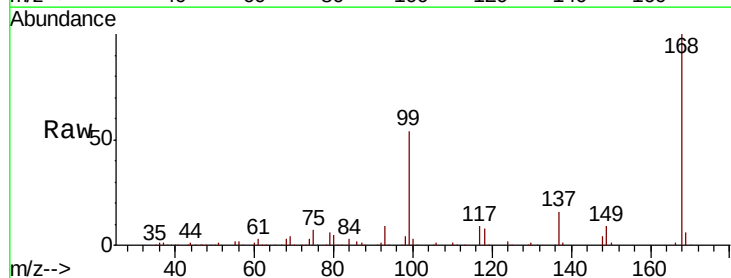
Tgt Ion: 56 Resp: 4180

Ion Ratio Lower Upper

56 100

69 160.0 21.6 32.4#

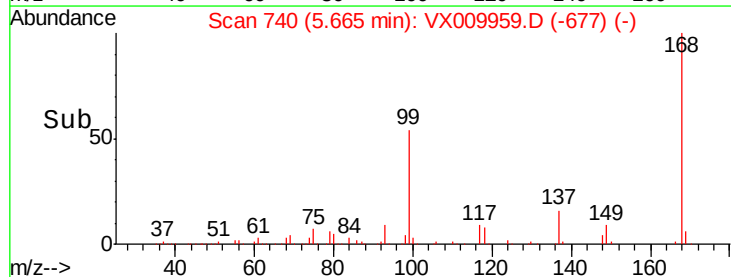
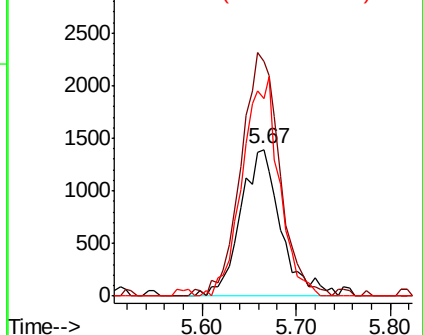
84 134.4 56.8 85.2#

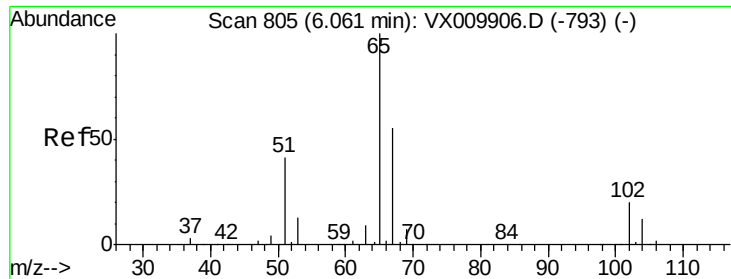


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

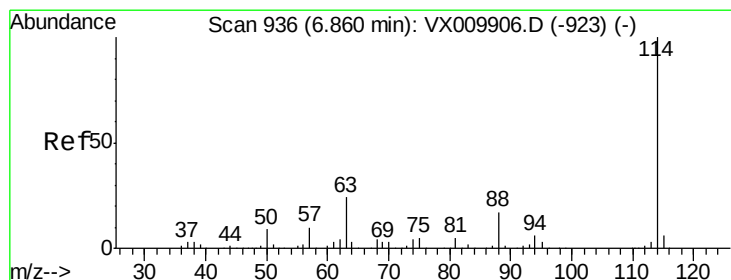
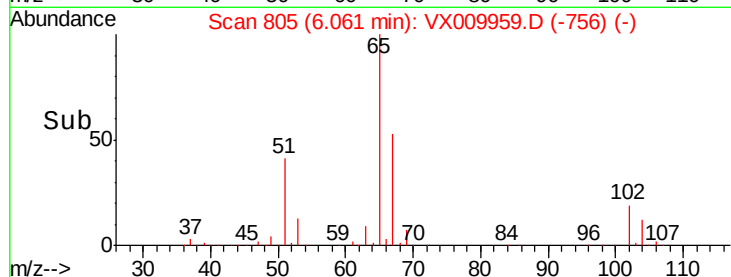
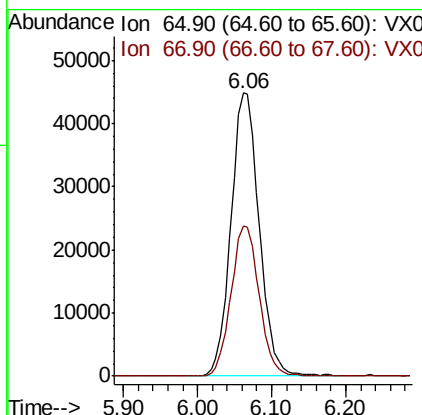
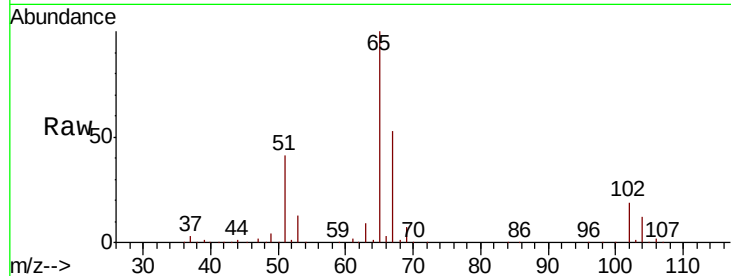




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.091 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX009959.D  
 Acq: 30 May 2019 14:41

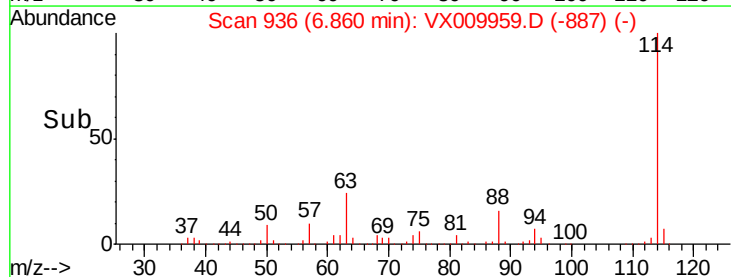
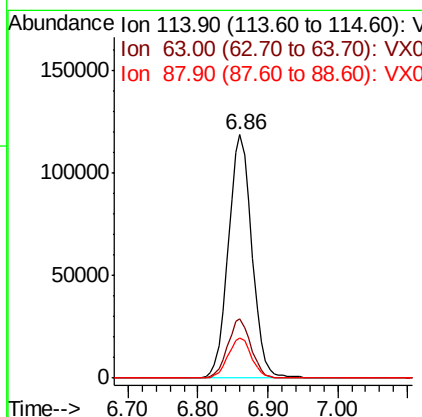
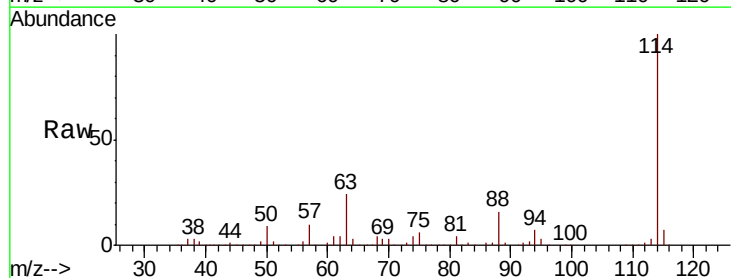
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S32-0656

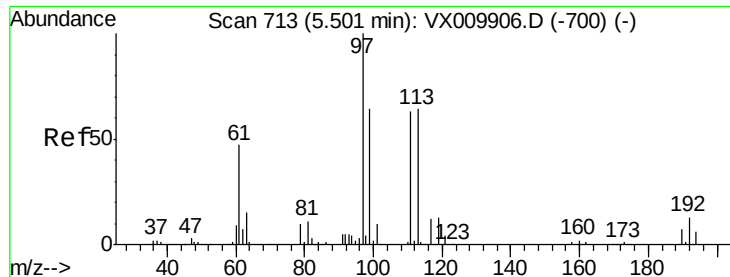
Tot Ion: 65 Resp: 119186  
 Ion Ratio Lower Upper  
 65 100  
 67 53.0 0.0 108.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX009959.D  
 Acq: 30 May 2019 14:41

Tgt Ion: 114 Resp: 276762  
 Ion Ratio Lower Upper  
 114 100  
 63 24.5 0.0 47.4  
 88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.601 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

Instrument :

MSVOA\_X

ClientSampleId :

S32-0656

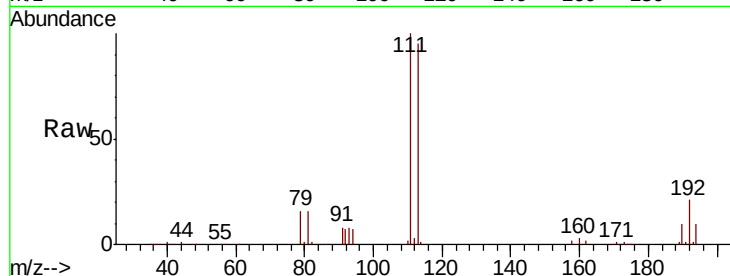
Tot Ion:113 Resp: 86307

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

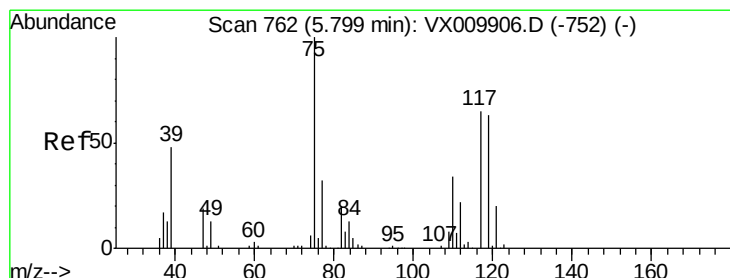
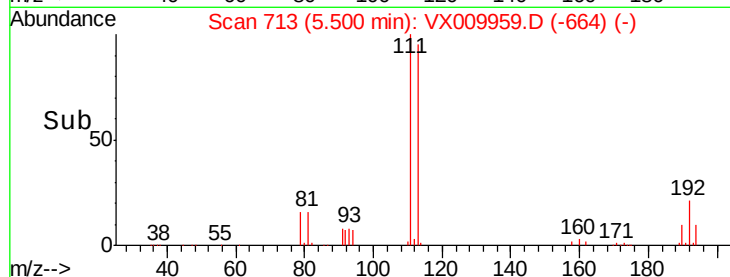
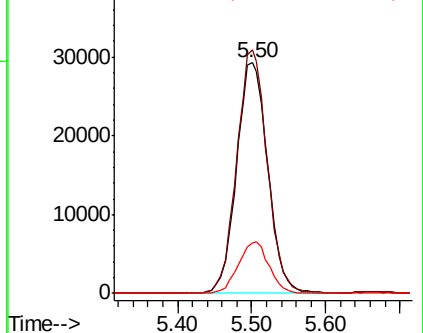
192 22.0 17.1 25.7



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: 4.910 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

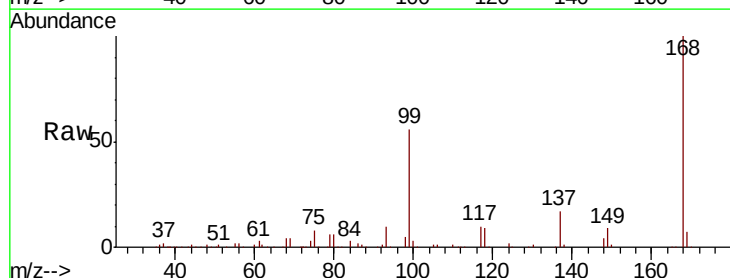
Tgt Ion: 75 Resp: 13787

Ion Ratio Lower Upper

75 100

110 8.6 16.7 50.1#

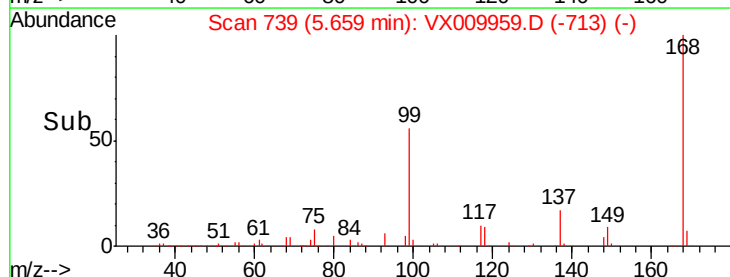
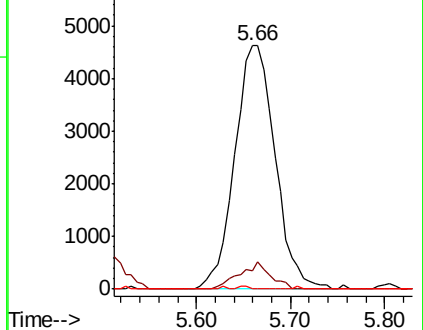
77 0.3 25.0 37.4#

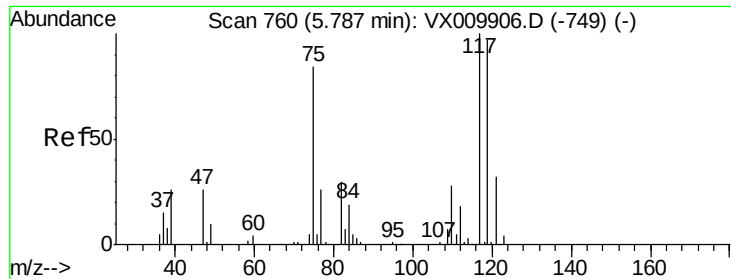


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.789 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

Instrument :

MSVOA\_X

ClientSampleId :

S32-0656

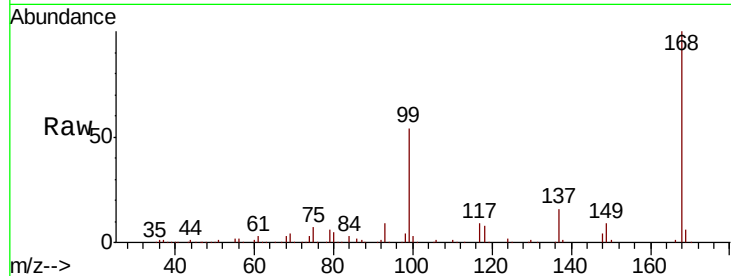
Tot Ion:117 Resp: 16473

Ion Ratio Lower Upper

117 100

119 5.1 77.3 115.9#

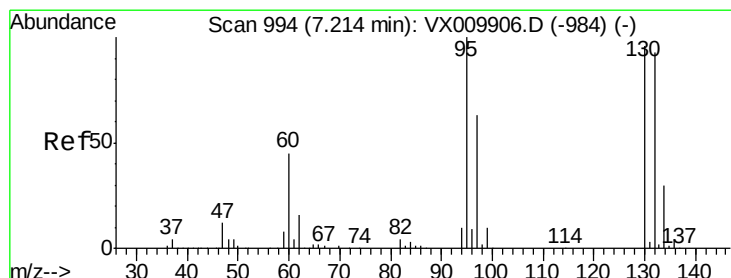
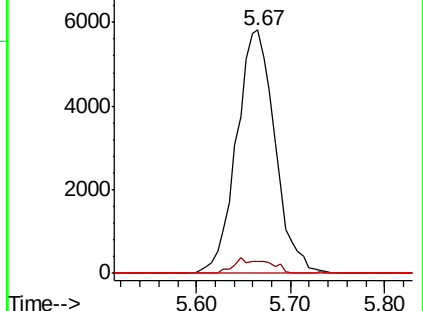
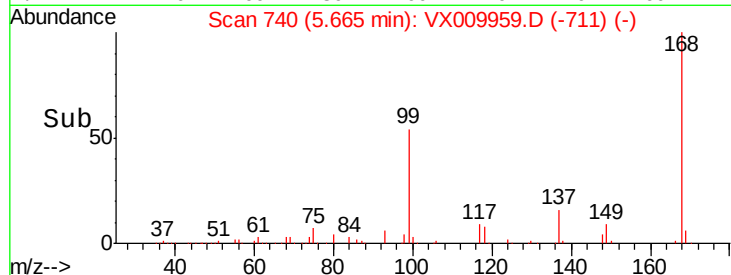
121 0.0 25.4 38.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 4.191 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009959.D

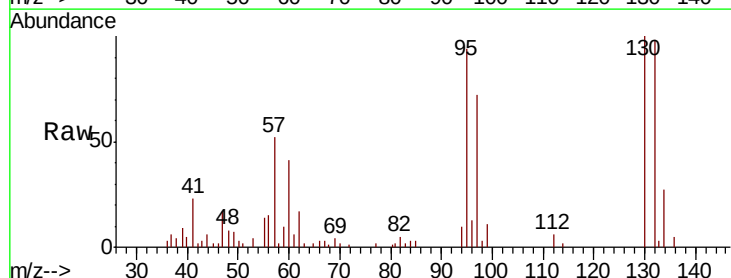
Acq: 30 May 2019 14:41

Tgt Ion:130 Resp: 8479

Ion Ratio Lower Upper

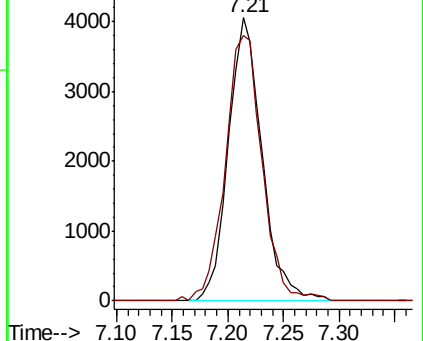
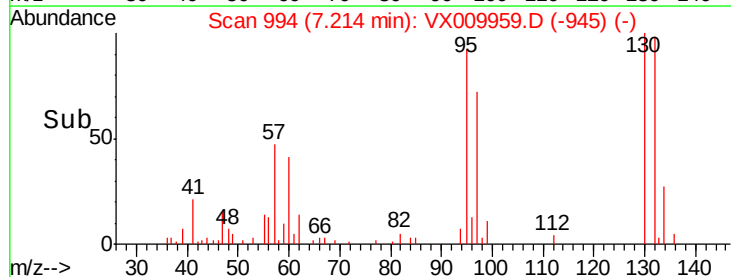
130 100

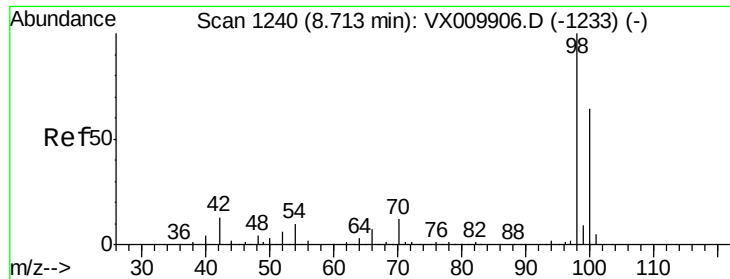
95 93.7 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.331 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

Instrument :

MSVOA\_X

ClientSampleId :

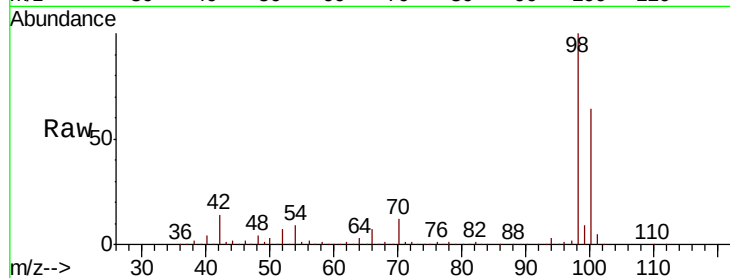
S32-0656

Tot Ion: 98 Resp: 355627

Ion Ratio Lower Upper

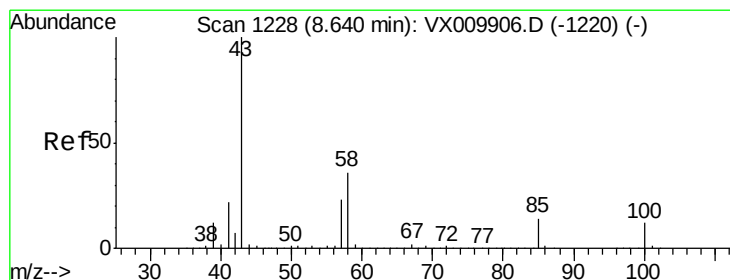
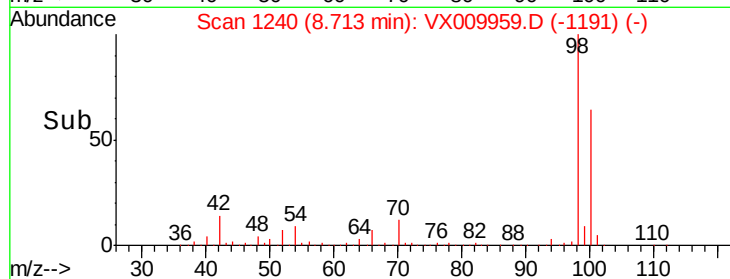
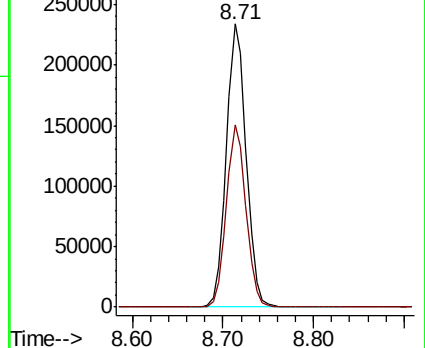
98 100

100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#51

4-Methyl-2-Pentanone

Concen: 0.206 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VX009959.D

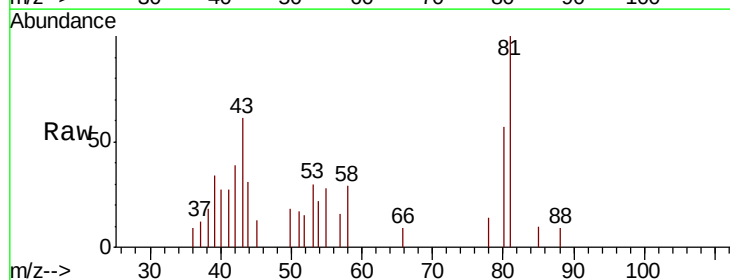
Acq: 30 May 2019 14:41

Tgt Ion: 43 Resp: 847

Ion Ratio Lower Upper

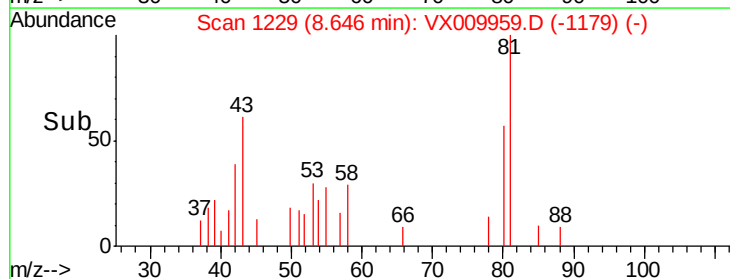
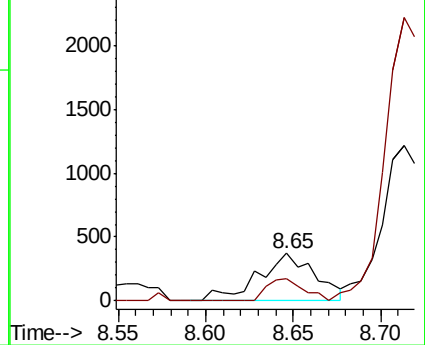
43 100

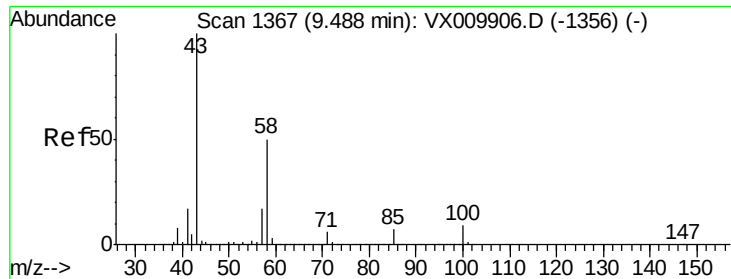
58 30.0 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

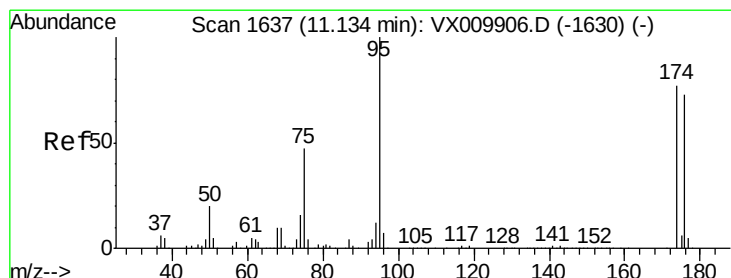
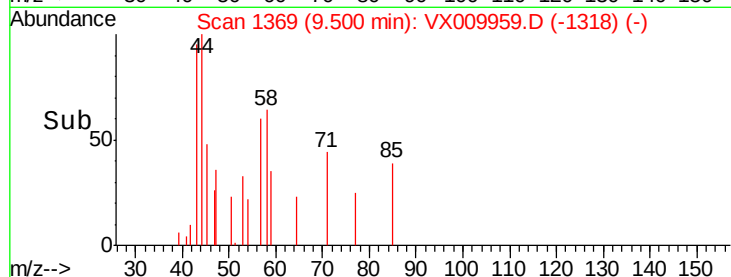
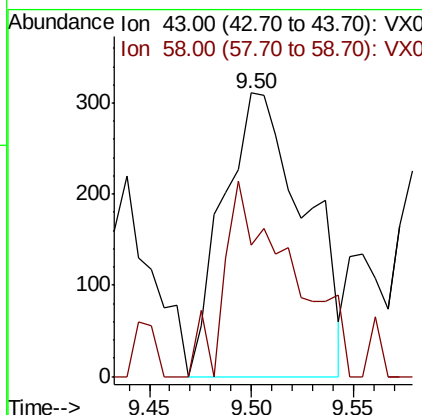
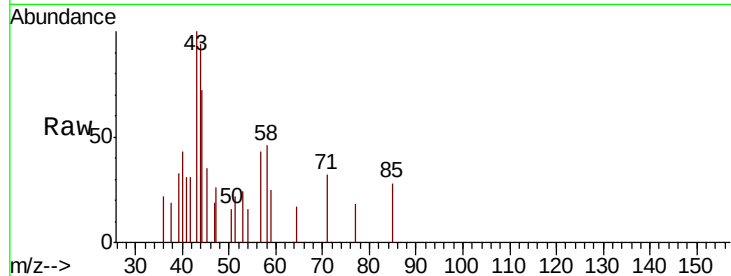




#59  
2-Hexanone  
Concen: 0.273 ug/l  
RT: 9.50 min Scan# 1369  
Delta R.T. 0.01 min  
Lab File: VX009959.D  
Acq: 30 May 2019 14:41

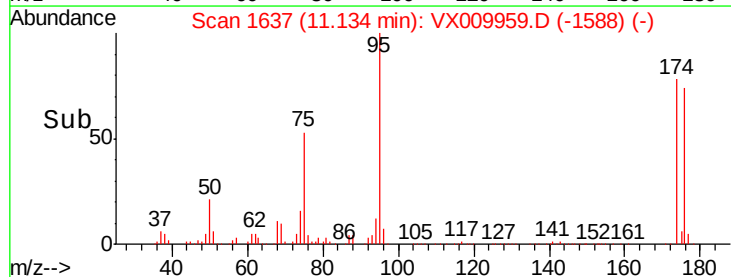
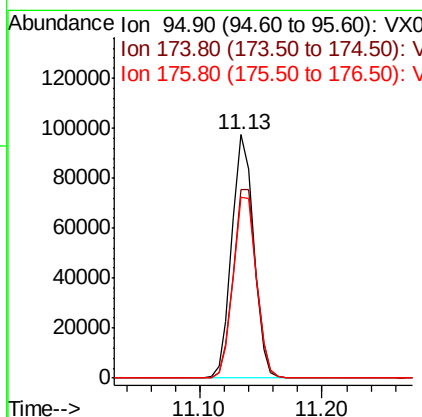
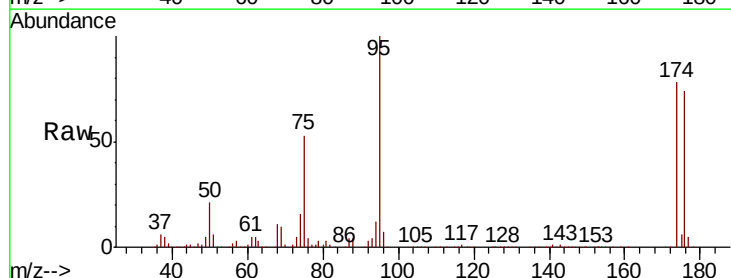
Instrument :  
MSVOA\_X  
ClientSampleId :  
S32-0656

Tot Ion: 43 Resp: 864  
Ion Ratio Lower Upper  
43 100  
58 56.8 25.1 75.3

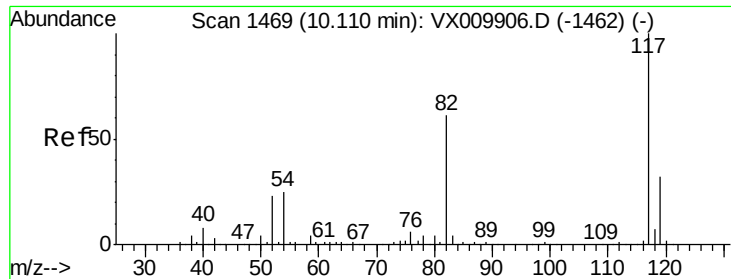


#62  
4-Bromofluorobenzene  
Concen: 47.472 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. -0.00 min  
Lab File: VX009959.D  
Acq: 30 May 2019 14:41

Tgt Ion: 95 Resp: 120480  
Ion Ratio Lower Upper  
95 100  
174 81.8 0.0 160.4  
176 78.7 0.0 154.6



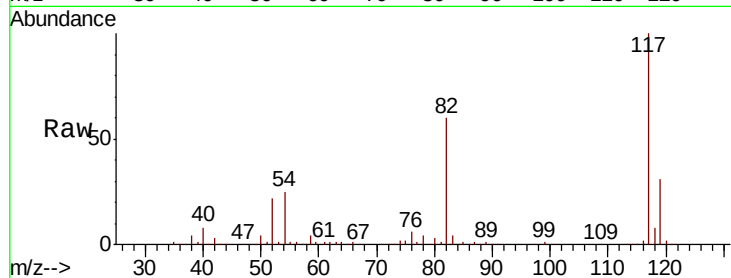




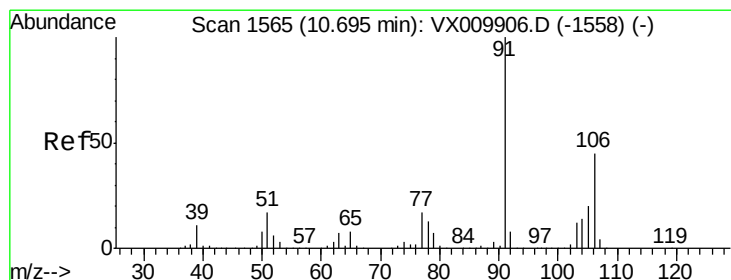
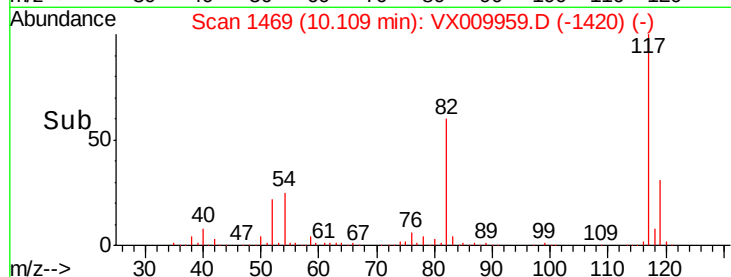
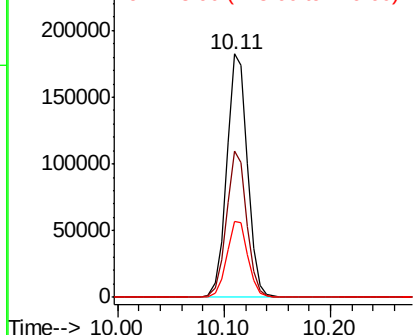
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX009959.D  
Acq: 30 May 2019 14:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
S32-0656

Tot Ion:117 Resp: 248146  
Ion Ratio Lower Upper  
117 100  
82 60.2 49.2 73.8  
119 31.3 25.2 37.8

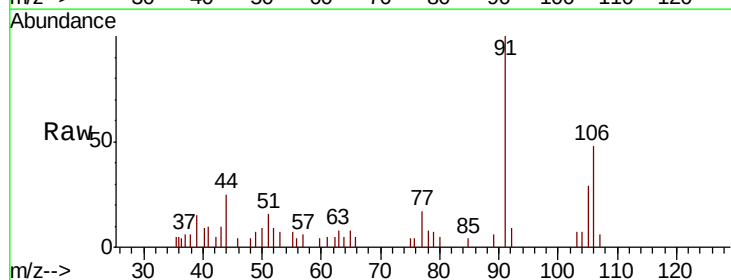


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

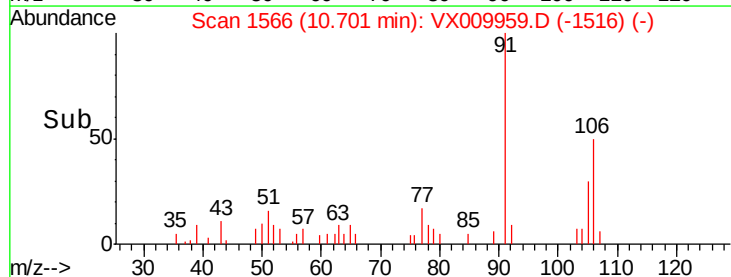
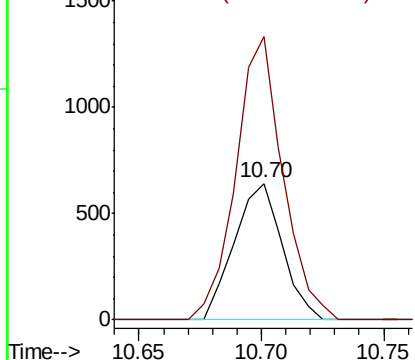


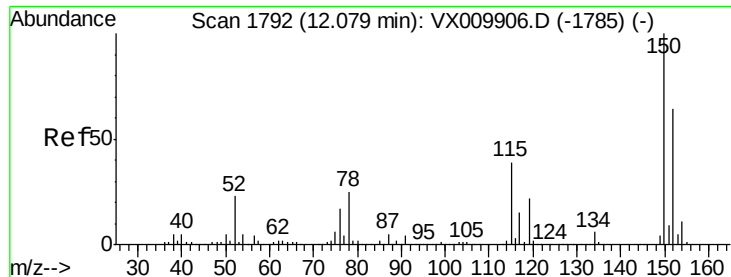
#69  
o-Xylene  
Concen: 0.264 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.01 min  
Lab File: VX009959.D  
Acq: 30 May 2019 14:41

Tgt Ion:106 Resp: 872  
Ion Ratio Lower Upper  
106 100  
91 204.1 110.4 331.2



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0



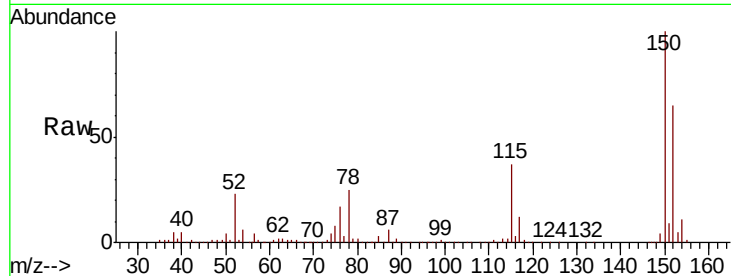


#72

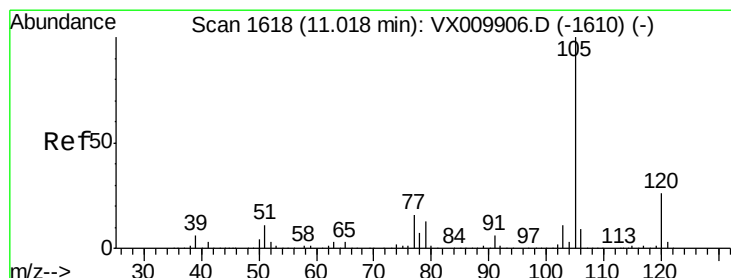
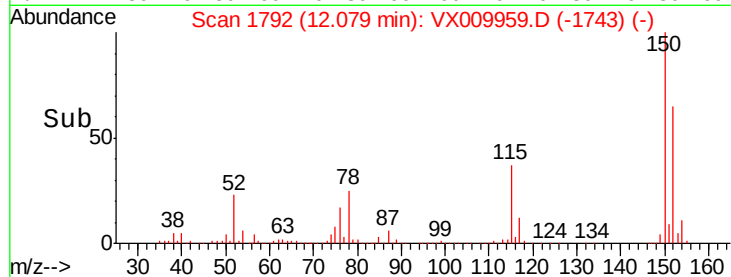
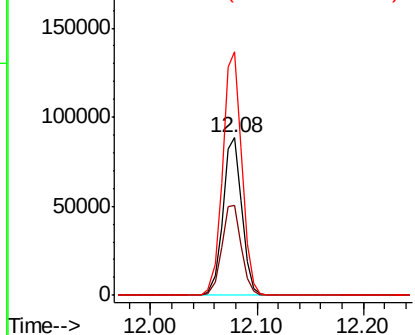
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX009959.D  
Acq: 30 May 2019 14:41

Instrument :  
MSVOA\_X  
ClientSampleId :  
S32-0656

Tot Ion:152 Resp: 109895  
Ion Ratio Lower Upper  
152 100  
115 58.8 41.4 124.2  
150 156.2 0.0 345.2



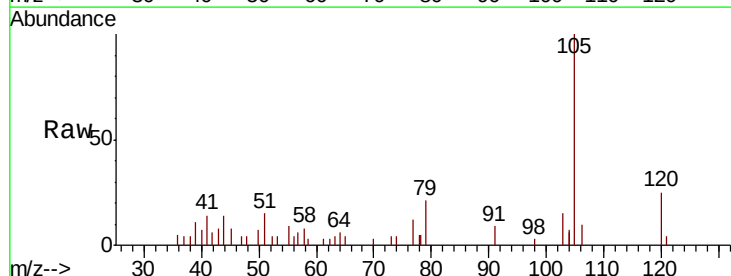
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



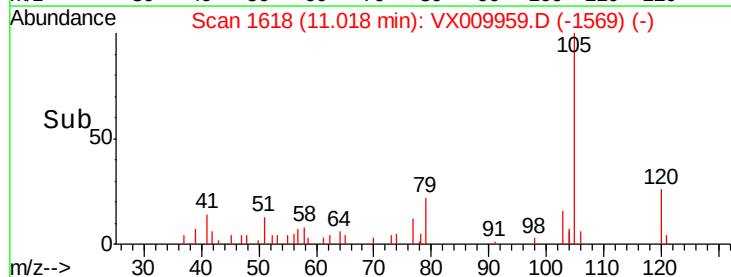
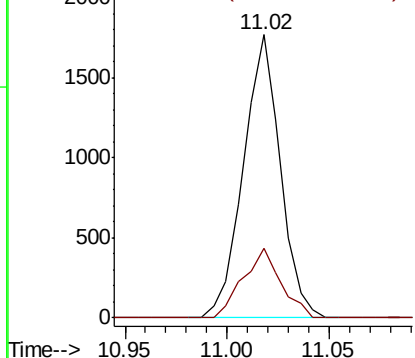
#73

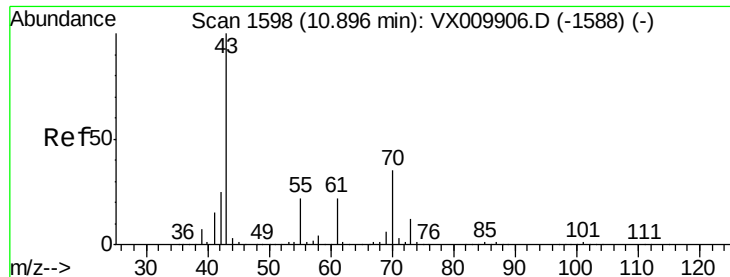
Isopropylbenzene  
Concen: 0.274 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VX009959.D  
Acq: 30 May 2019 14:41

Tgt Ion:105 Resp: 2222  
Ion Ratio Lower Upper  
105 100  
120 25.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.646 ug/l

RT: 10.93 min Scan# 1604

Delta R.T. 0.04 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

Instrument :

MSVOA\_X

ClientSampleId :

S32-0656

Tot Ion: 43 Resp: 3131

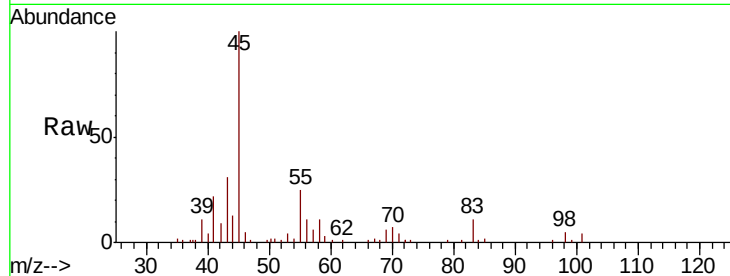
Ion Ratio Lower Upper

43 100

70 29.5 28.6 43.0

55 95.2 17.8 26.8#

61 0.0 17.7 26.5#

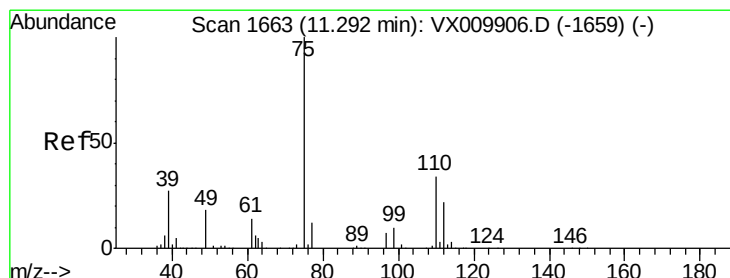
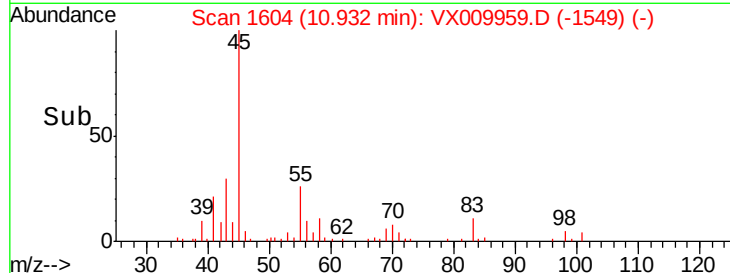
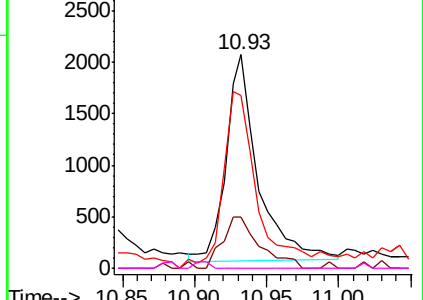


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 23.829 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009959.D

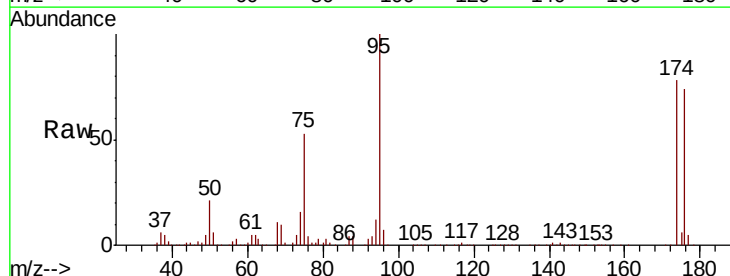
Acq: 30 May 2019 14:41

Tgt Ion: 75 Resp: 62620

Ion Ratio Lower Upper

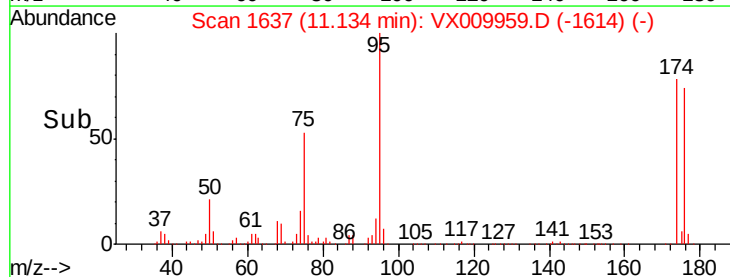
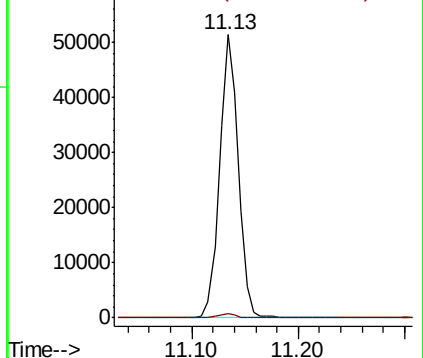
75 100

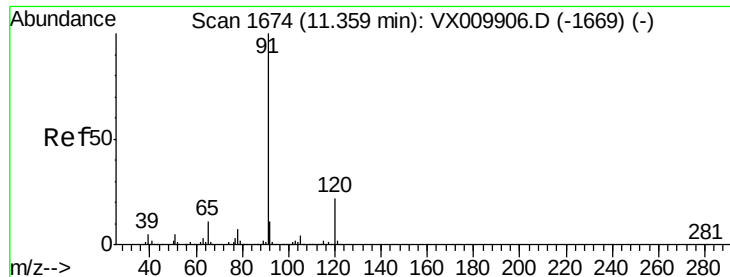
77 1.5 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.388 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

Instrument :

MSVOA\_X

ClientSampleId :

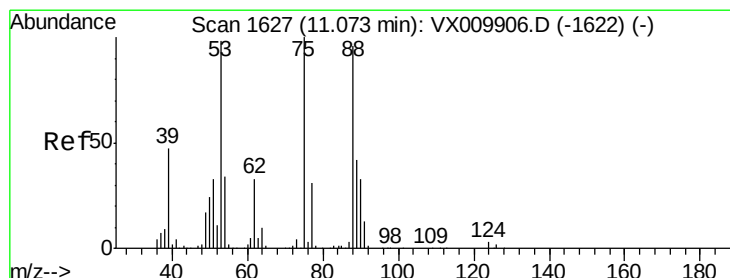
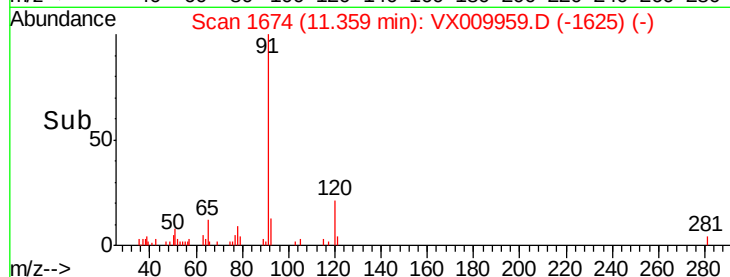
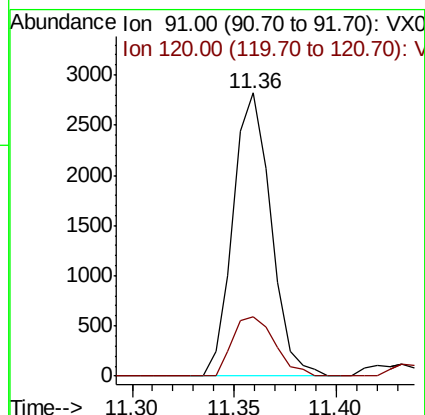
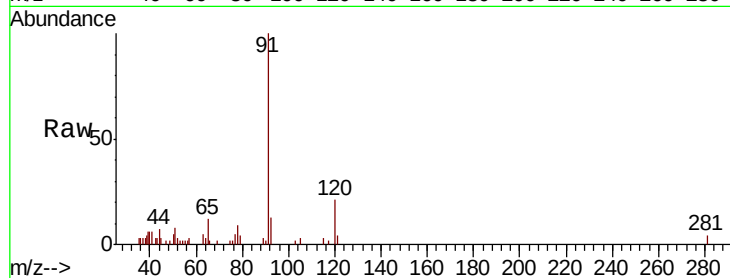
S32-0656

Tot Ion: 91 Resp: 3629

Ion Ratio Lower Upper

91 100

120 23.5 11.1 33.3



#81

trans-1,4-Dichloro-2-butene

Concen: 58.956 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009959.D

Acq: 30 May 2019 14:41

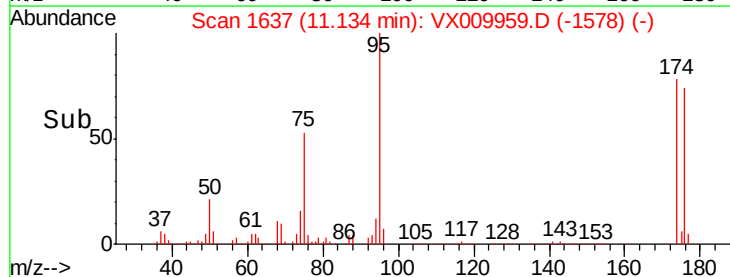
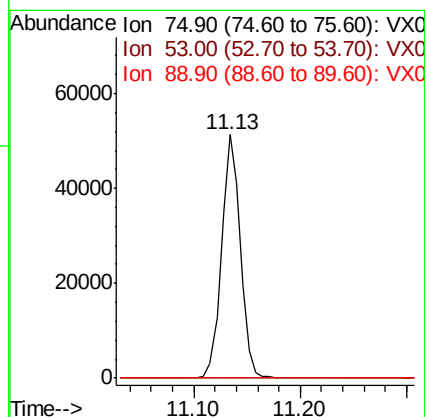
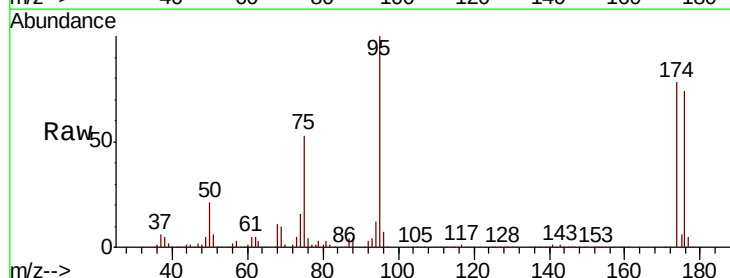
Tgt Ion: 75 Resp: 62620

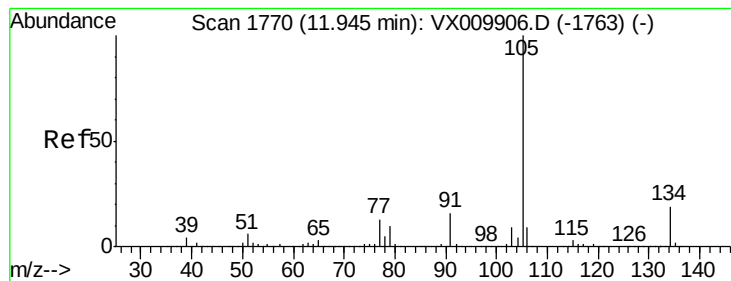
Ion Ratio Lower Upper

75 100

53 0.3 79.8 119.6#

89 0.0 34.2 51.4#





#85  
 sec-Butylbenzene  
 Concen: 0.350 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX009959.D  
 Acq: 30 May 2019 14:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S32-0656

Tot Ion:105 Resp: 2722  
 Ion Ratio Lower Upper  
 105 100  
 134 32.3 9.7 28.9#

