

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070618\  
 Data File : VX003224.D  
 Acq On : 06 Jul 2018 20:40  
 Operator : JC/MD  
 Sample : J3754-02DL 40X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S10-0139DL

Quant Time: Jul 07 00:03:08 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 25 14:38:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 285516   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 396400   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 366767   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 206892   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 179091   | 45.38 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 90.76% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 151203   | 48.17 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.34% |          |
| 50) Toluene-d8              | 8.72  | 98   | 550875   | 48.06 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.12% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 193169   | 43.69 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 87.38% |          |

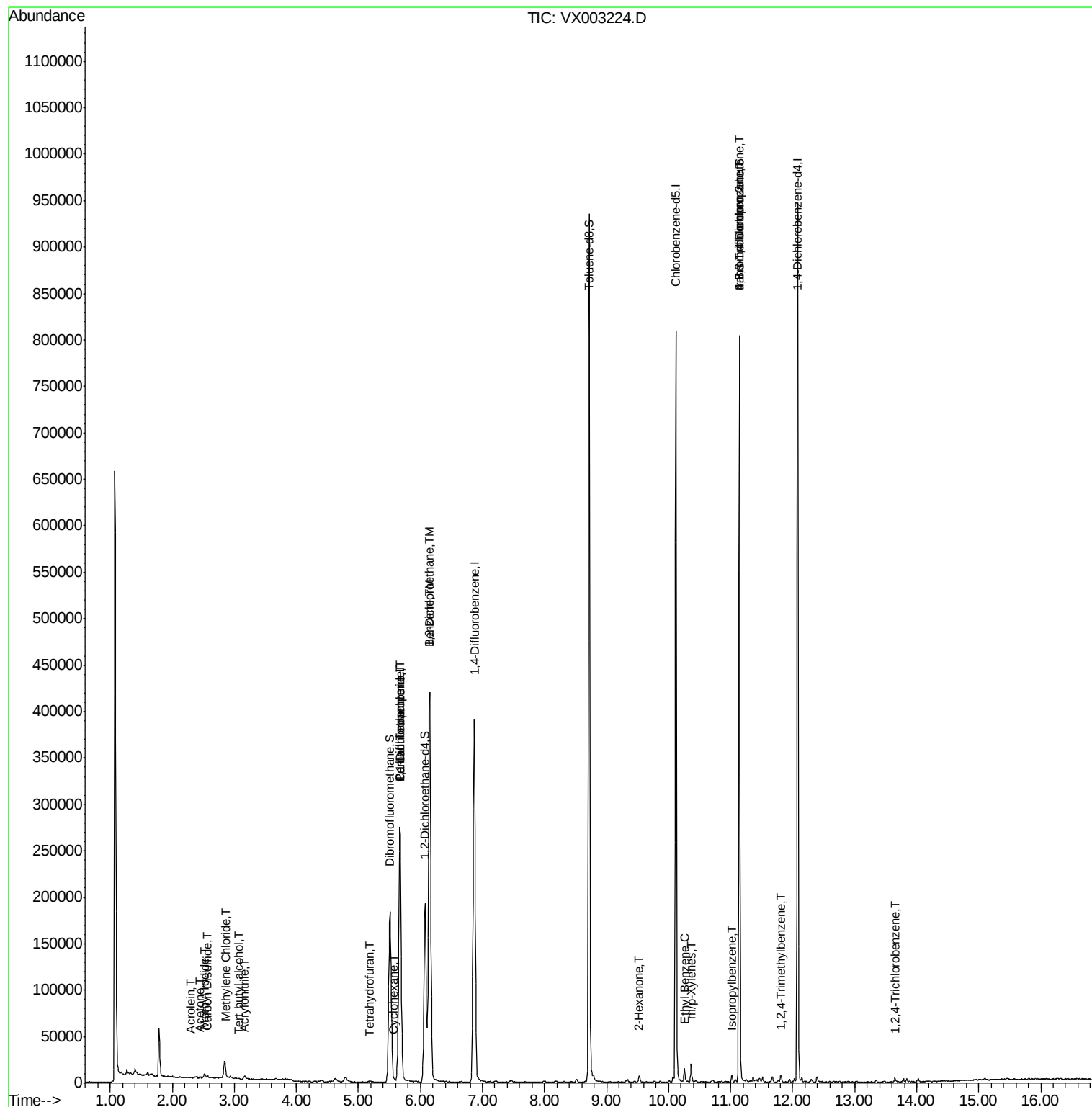
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 2) Dichlorodifluoromethane     | 1.20  | 85   | 232      | Below Cal |       | 88     |
| 3) Chloromethane               | 1.33  | 50   | 1286     | Below Cal | #     | 87     |
| 5) Bromomethane                | 1.65  | 94   | 2509     | Below Cal |       | 90     |
| 6) Chloroethane                | 1.74  | 64   | 331      | Below Cal | #     | 83     |
| 10) Methyl Iodide              | 2.51  | 142  | 5189     | 7.65      | ug/l  | 97     |
| 11) Tert butyl alcohol         | 3.08  | 59   | 670      | 0.85      | ug/l  | # 73   |
| 13) Acrolein                   | 2.29  | 56   | 473      | 5.30      | ug/l  | # 50   |
| 15) Acrylonitrile              | 3.15  | 53   | 800      | 0.48      | ug/l  | 92     |
| 16) Acetone                    | 2.45  | 43   | 941      | 0.58      | ug/l  | # 63   |
| 17) Carbon Disulfide           | 2.57  | 76   | 2391     | 0.32      | ug/l  | # 94   |
| 20) Methylene Chloride         | 2.86  | 84   | 1275     | 0.40      | ug/l  | # 92   |
| 29) Tetrahydrofuran            | 5.18  | 42   | 1294     | 0.83      | ug/l  | # 69   |
| 31) Cyclohexane                | 5.57  | 56   | 1044     | 0.21      | ug/l  | # 80   |
| 36) 1,1-Dichloropropene        | 5.66  | 75   | 18024    | 4.15      | ug/l  | # 51   |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 25429    | 5.33      | ug/l  | # 16   |
| 40) Benzene                    | 6.15  | 78   | 497801   | 39.41     | ug/l  | 99     |
| 42) 1,2-Dichloroethane         | 6.15  | 62   | 4950     | 0.97      | ug/l  | # 77   |
| 59) 2-Hexanone                 | 9.52  | 43   | 927      | 0.25      | ug/l  | 96     |
| 67) Ethyl Benzene              | 10.26 | 91   | 7766     | 0.50      | ug/l  | 97     |
| 68) m/p-Xylenes                | 10.37 | 106  | 4348     | 0.73      | ug/l  | 99     |
| 73) Isopropylbenzene           | 11.02 | 105  | 3391     | 0.24      | ug/l  | 94     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 96518    | 25.75     | ug/l  | # 33   |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 96518    | 73.06     | ug/l  | # 7    |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 3625     | 0.30      | ug/l  | 95     |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 1129     | 0.21      | ug/l  | 95     |

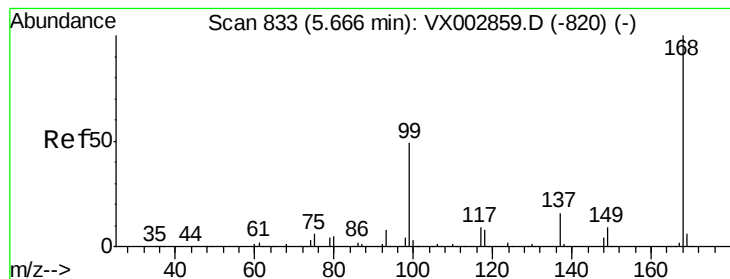
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070618\  
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Instrument :  
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Quant Time: Jul 07 00:03:08 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X062518W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 25 14:38:05 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003224.D

Acq: 06 Jul 2018 20:40

Instrument :

MSVOA\_X

ClientSampled :

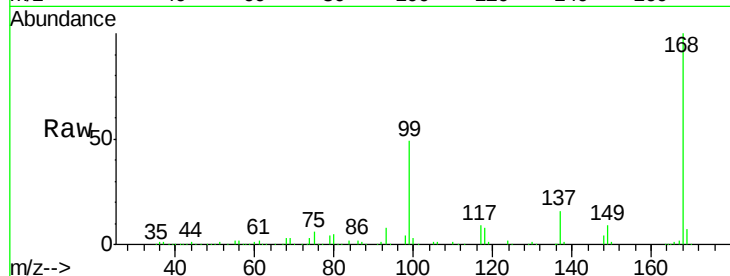
S10-0139DL

Tot Ion:168 Resp: 285516

Ion Ratio Lower Upper

168 100

99 49.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

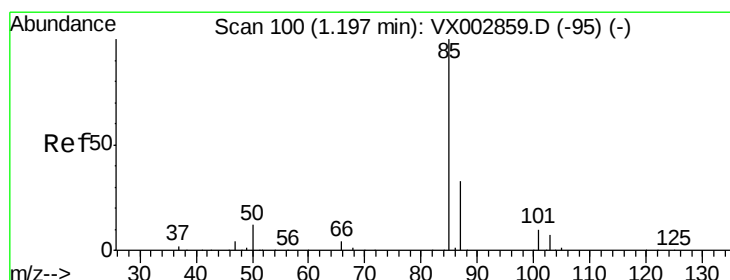
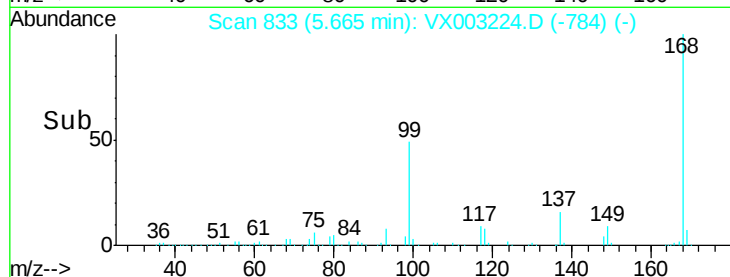
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003224.D

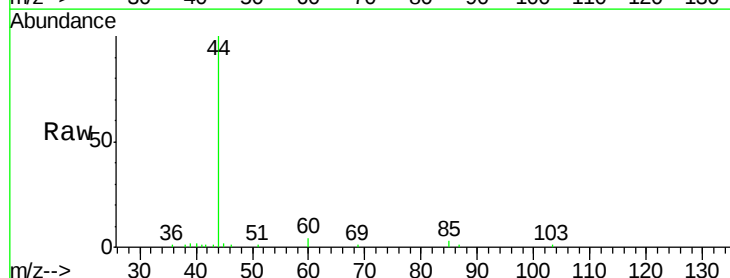
Acq: 06 Jul 2018 20:40

Tgt Ion: 85 Resp: 232

Ion Ratio Lower Upper

85 100

87 38.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250

200

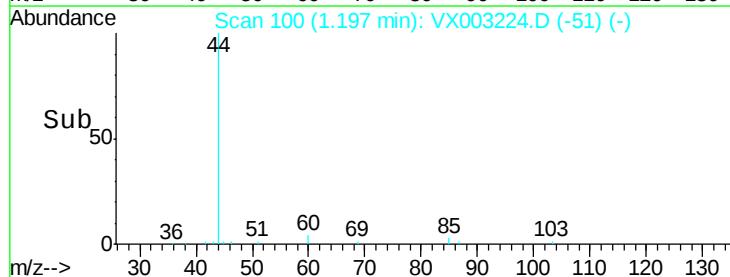
150

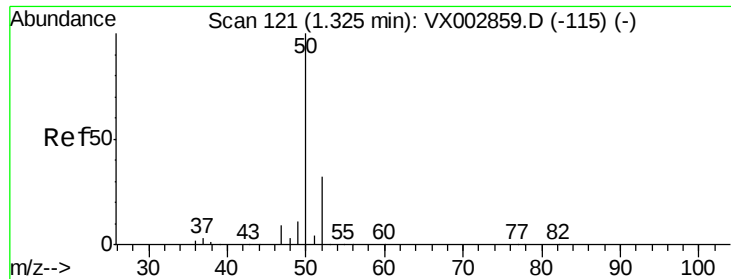
100

50

0

Time--> 1.16 1.18 1.20 1.22 1.24





#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX003224.D

Acq: 06 Jul 2018 20:40

Instrument :

MSVOA\_X

ClientSampleId :

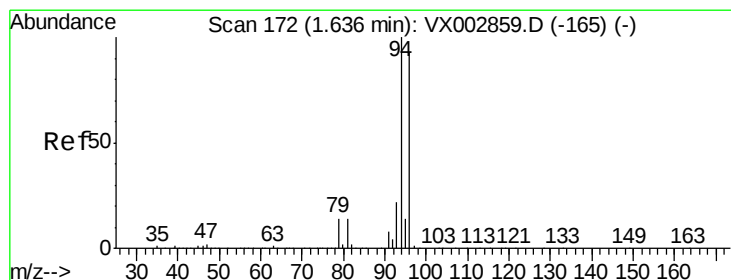
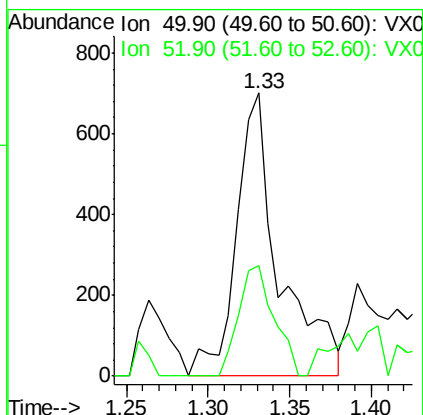
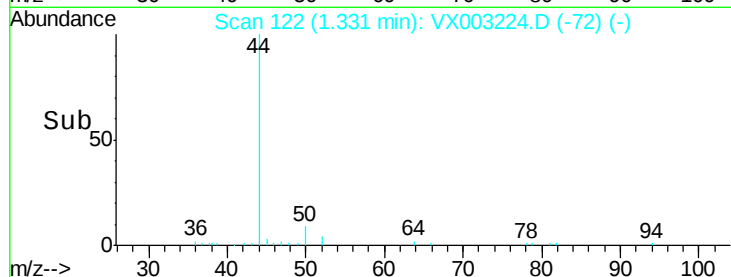
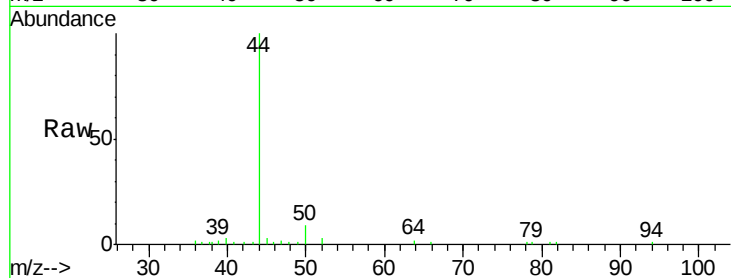
S10-0139DL

Tot Ion: 50 Resp: 1286

Ion Ratio Lower Upper

50 100

52 39.1 25.7 38.5#



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003224.D

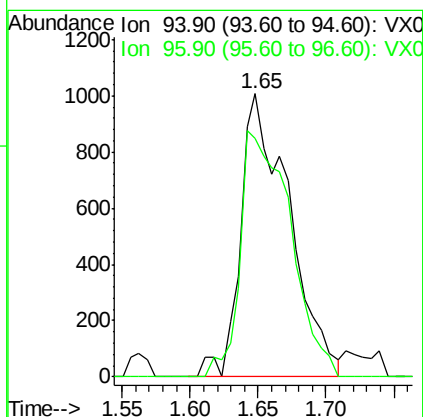
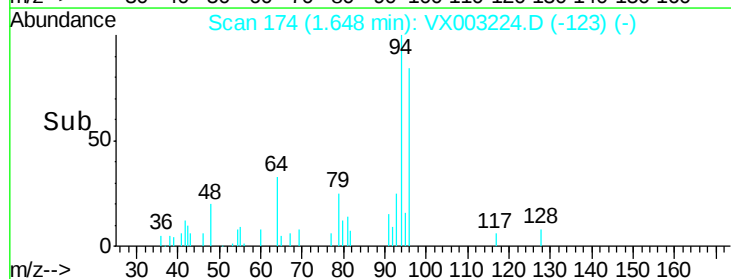
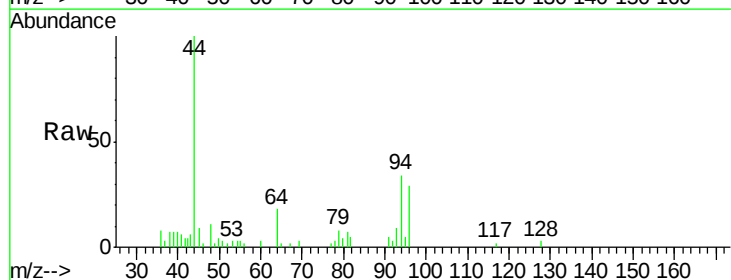
Acq: 06 Jul 2018 20:40

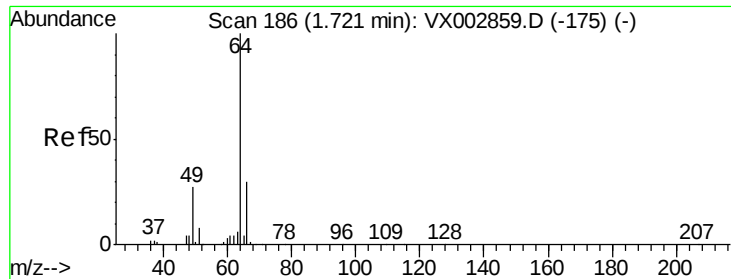
Tgt Ion: 94 Resp: 2509

Ion Ratio Lower Upper

94 100

96 84.3 74.9 112.3





#6

Chloroethane

Concen: Below Cal

RT: 1.74 min Scan# 189

Delta R.T. 0.02 min

Lab File: VX003224.D

Acq: 06 Jul 2018 20:40

Instrument :

MSVOA\_X

ClientSampled :

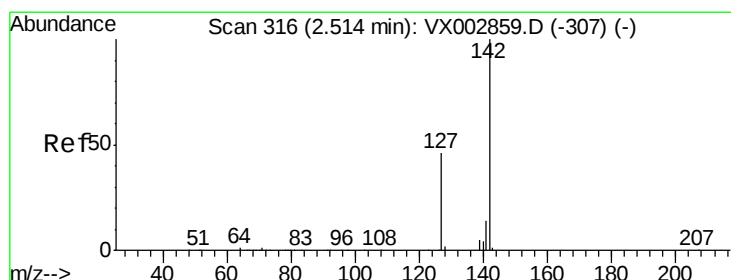
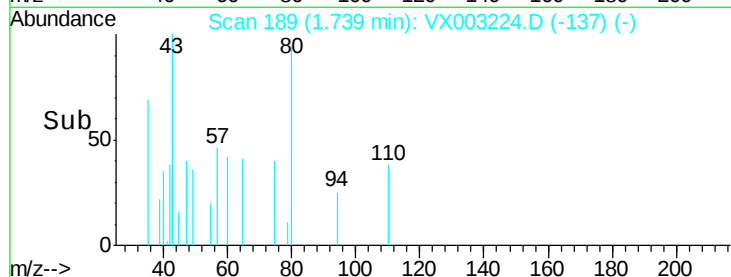
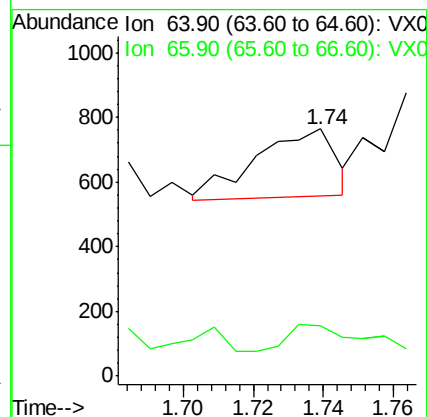
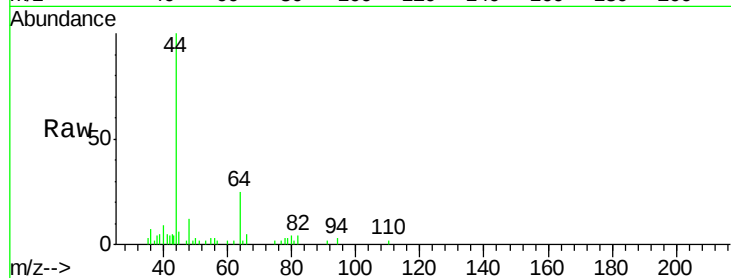
S10-0139DL

Tot Ion: 64 Resp: 331

Ion Ratio Lower Upper

64 100

66 22.7 25.5 38.3#



#10

Methyl Iodide

Concen: 7.65 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX003224.D

Acq: 06 Jul 2018 20:40

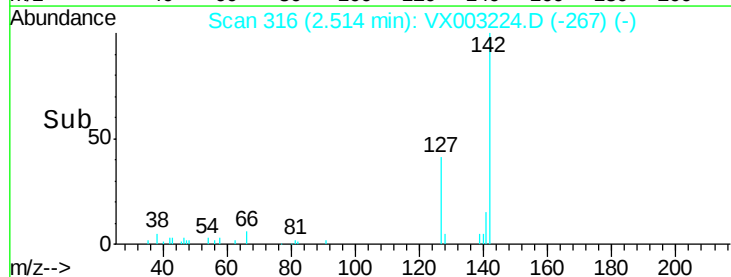
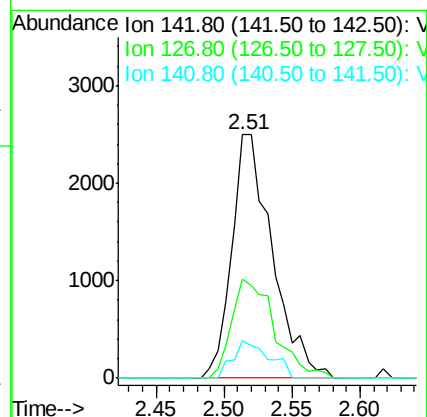
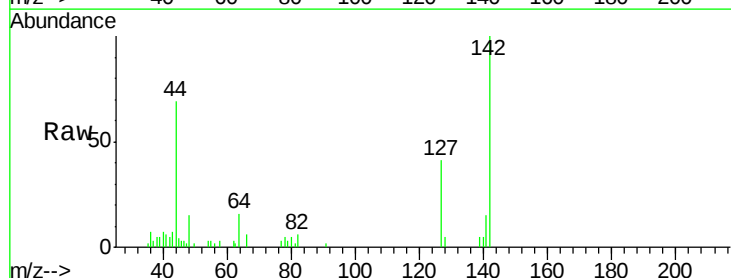
Tgt Ion: 142 Resp: 5189

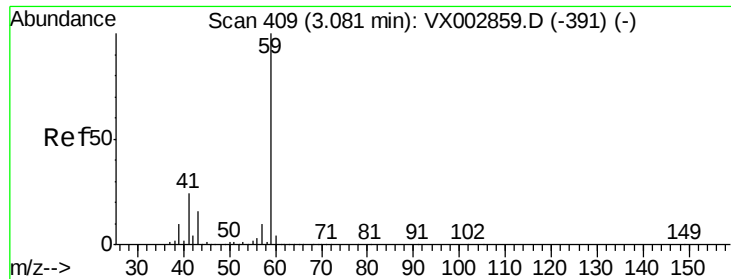
Ion Ratio Lower Upper

142 100

127 43.2 36.6 55.0

141 13.8 11.3 16.9

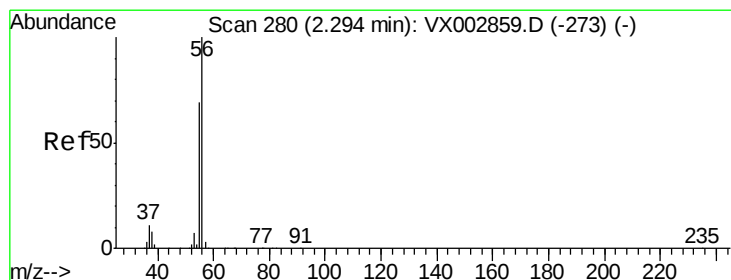
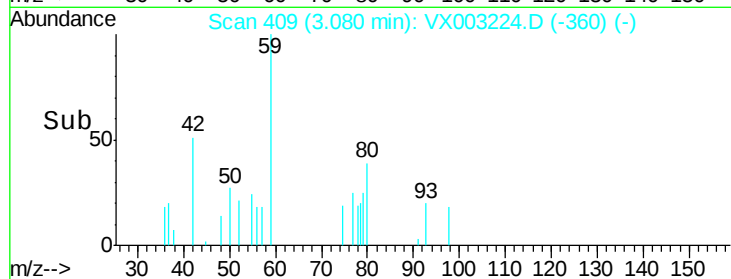
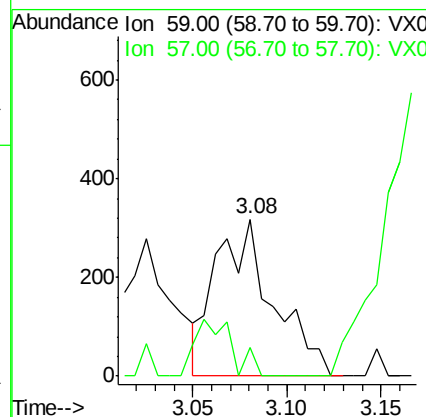
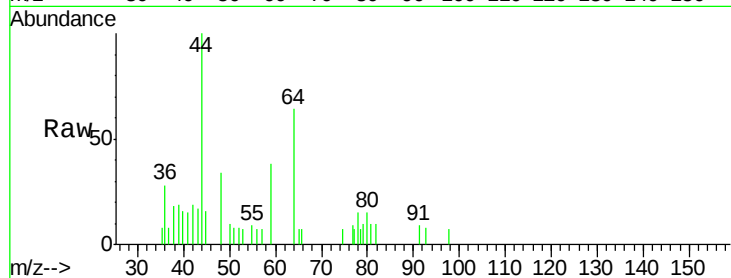




#11  
Tert butyl alcohol  
Concen: 0.85 ug/l  
RT: 3.08 min Scan# 409  
Delta R.T. -0.00 min  
Lab File: VX003224.D  
Acq: 06 Jul 2018 20:40

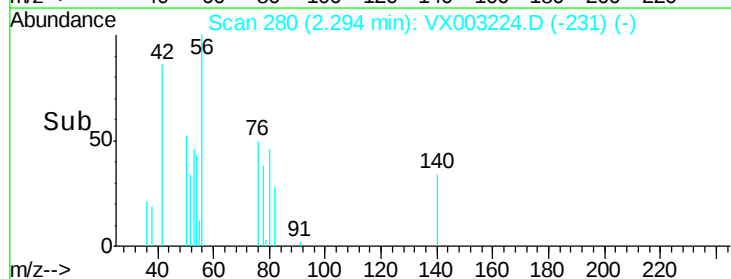
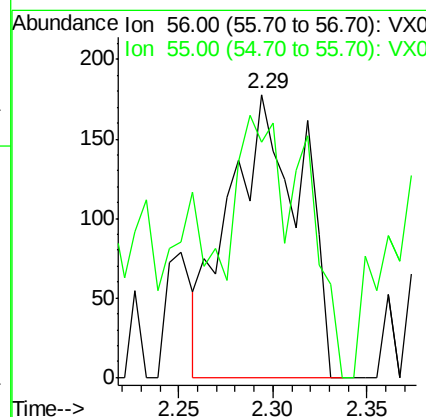
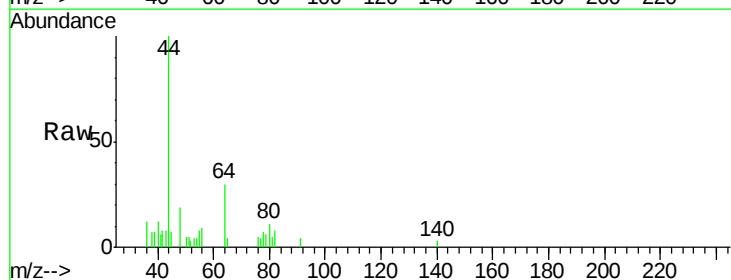
Instrument :  
MSVOA\_X  
ClientSampled :  
S10-0139DL

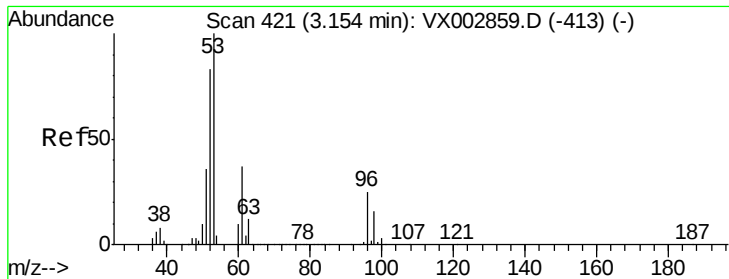
Tot Ion: 59 Resp: 670  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.2#



#13  
Acrolein  
Concen: 5.30 ug/l  
RT: 2.29 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX003224.D  
Acq: 06 Jul 2018 20:40

Tgt Ion: 56 Resp: 473  
Ion Ratio Lower Upper  
56 100  
55 30.0 57.0 85.4#





#15

Acrylonitrile

Concen: 0.48 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003224.D

Acq: 06 Jul 2018 20:40

Instrument :

MSVOA\_X

ClientSampled :

S10-0139DL

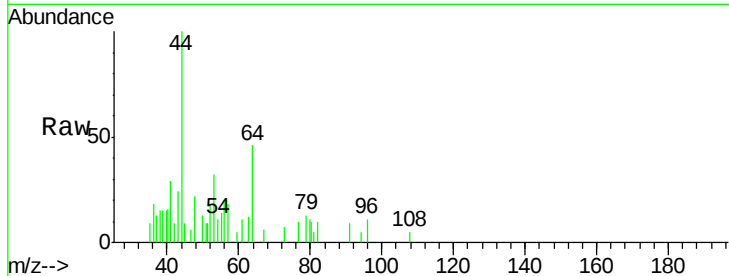
Tot Ion: 53 Resp: 800

Ion Ratio Lower Upper

53 100

52 88.9 66.7 100.1

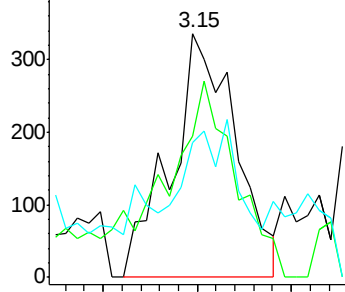
51 30.1 29.9 44.9



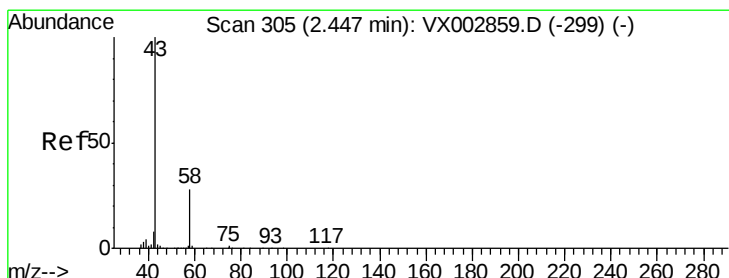
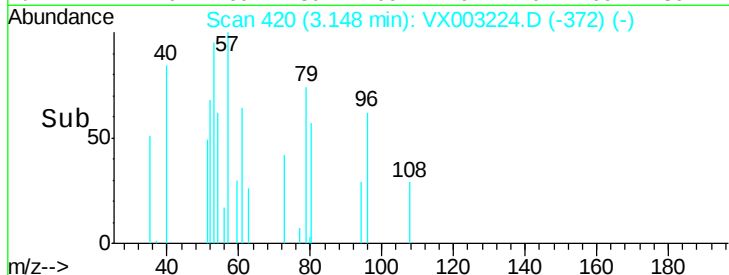
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 0.58 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003224.D

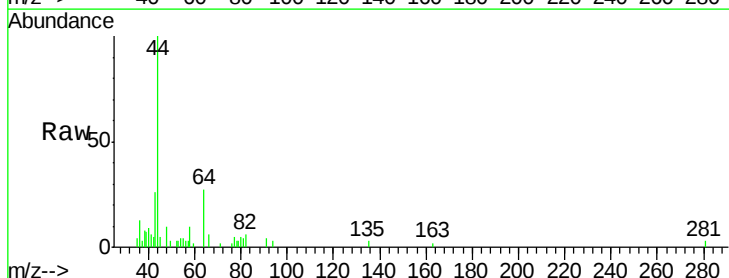
Acq: 06 Jul 2018 20:40

Tgt Ion: 43 Resp: 941

Ion Ratio Lower Upper

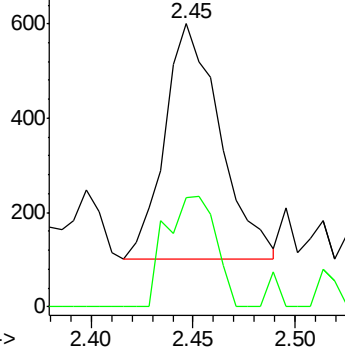
43 100

58 46.7 22.1 33.1#

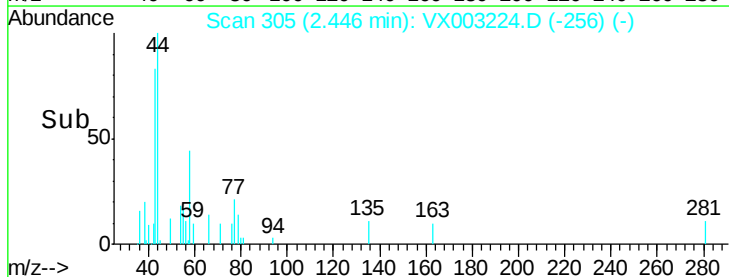


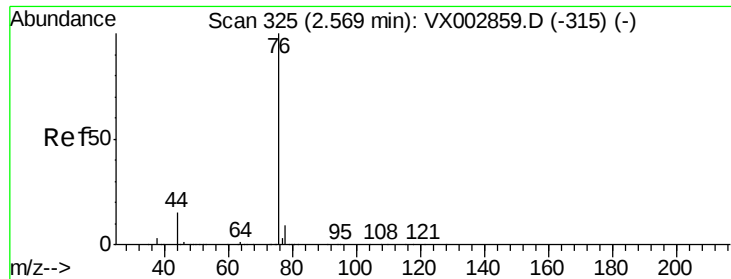
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->

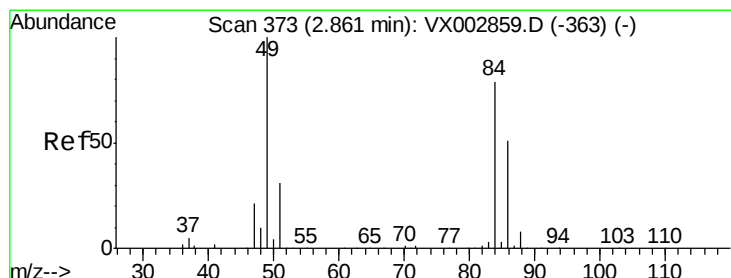
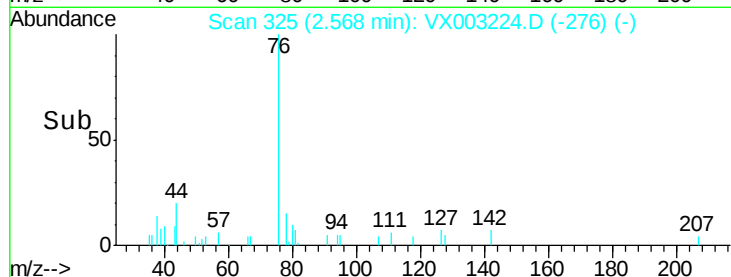
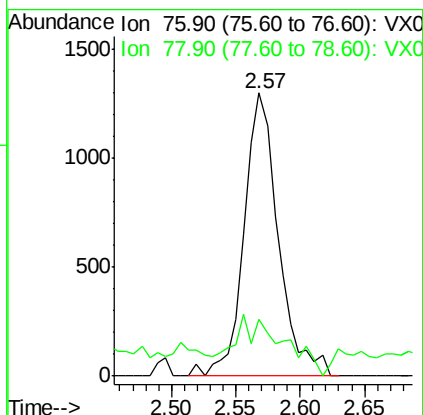
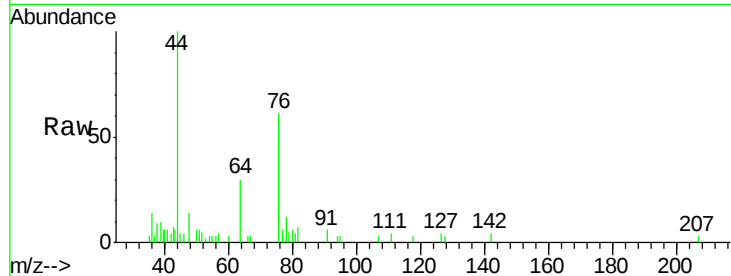




#17  
Carbon Disulfide  
Concen: 0.32 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. -0.00 min  
Lab File: VX003224.D  
Acq: 06 Jul 2018 20:40

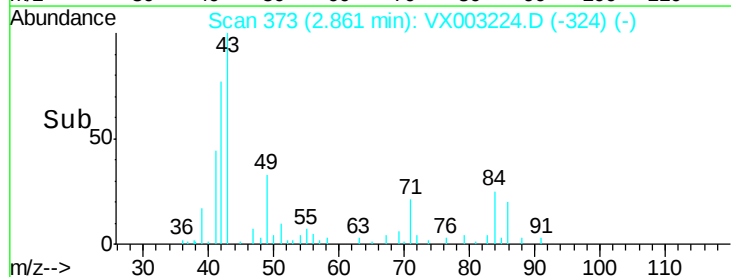
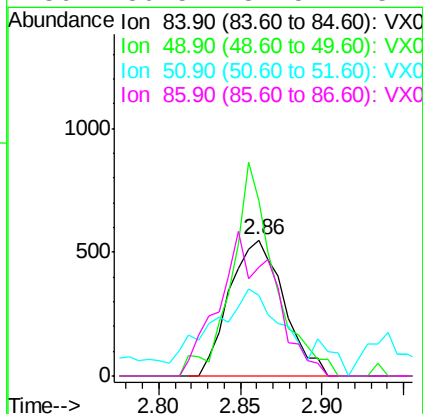
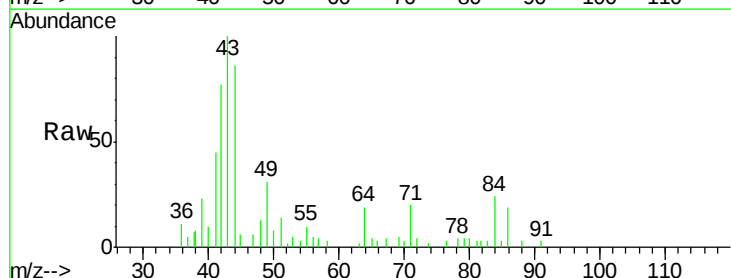
Instrument :  
MSVOA\_X  
ClientSampled :  
S10-0139DL

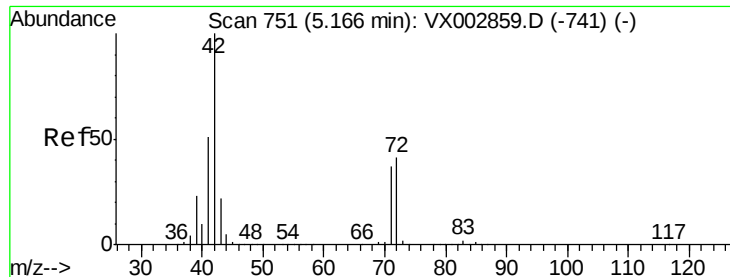
Tot Ion: 76 Resp: 2391  
Ion Ratio Lower Upper  
76 100  
78 10.9 6.9 10.3#



#20  
Methylene Chloride  
Concen: 0.40 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. -0.00 min  
Lab File: VX003224.D  
Acq: 06 Jul 2018 20:40

Tgt Ion: 84 Resp: 1275  
Ion Ratio Lower Upper  
84 100  
49 129.3 107.8 161.6  
51 41.9 32.8 49.2  
86 80.5 52.5 78.7#





#29

Tetrahydrofuran

Concen: 0.83 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.02 min

Lab File: VX003224.D

Acq: 06 Jul 2018 20:40

Instrument :

MSVOA\_X

ClientSampled :

S10-0139DL

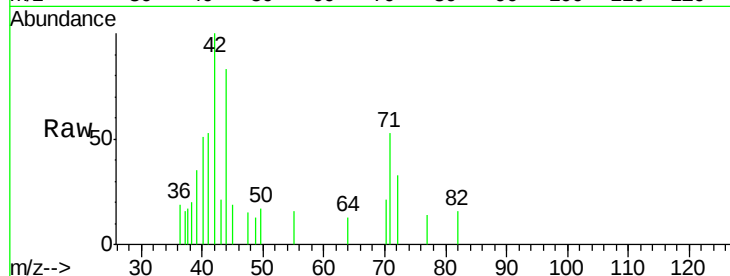
Tot Ion: 42 Resp: 1294

Ion Ratio Lower Upper

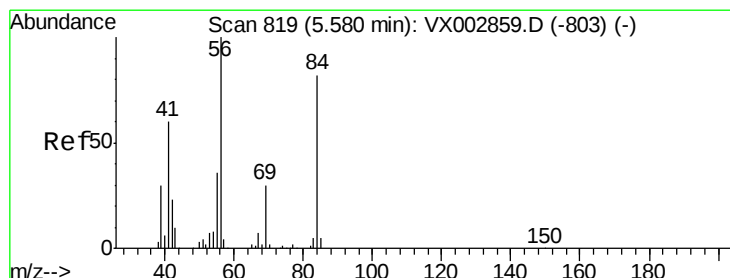
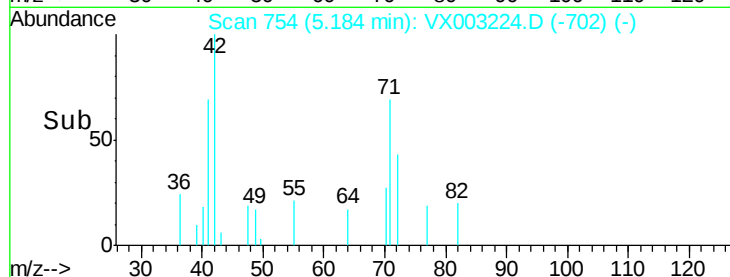
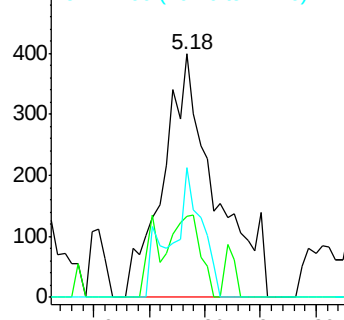
42 100

72 17.2 32.0 48.0#

71 23.3 30.1 45.1#



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: 0.21 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003224.D

Acq: 06 Jul 2018 20:40

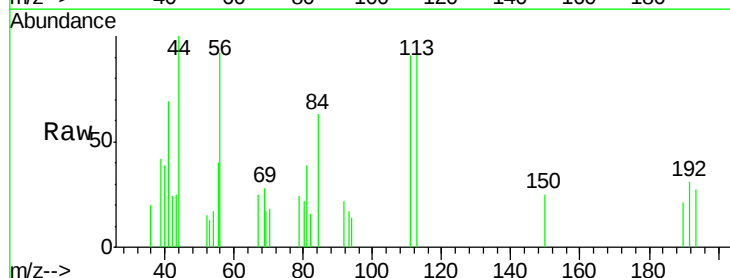
Tgt Ion: 56 Resp: 1044

Ion Ratio Lower Upper

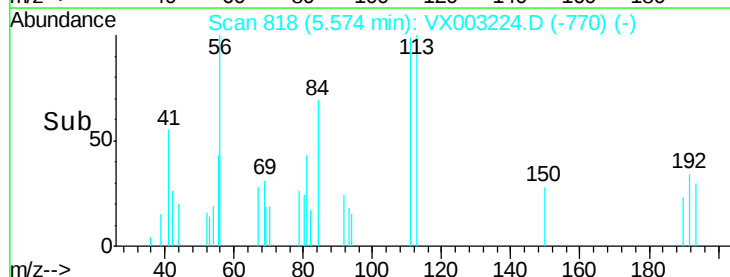
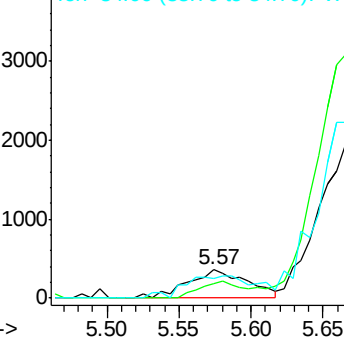
56 100

69 49.9 23.7 35.5#

84 68.7 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

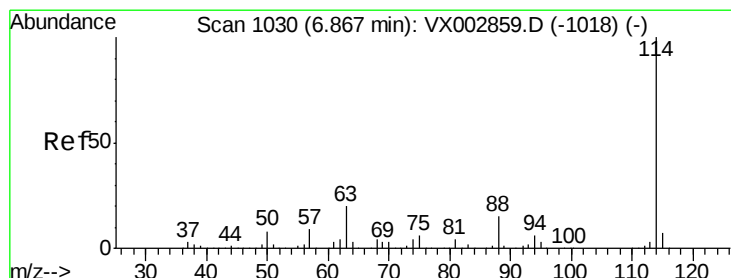
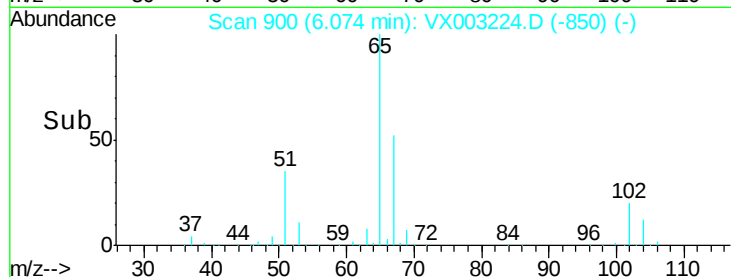
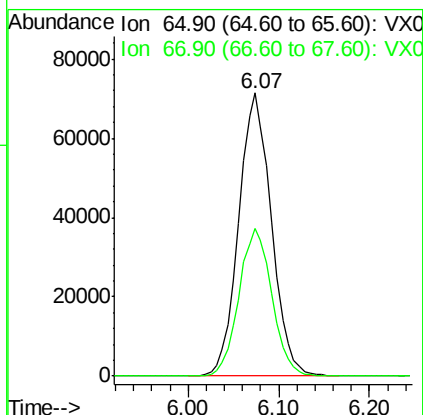
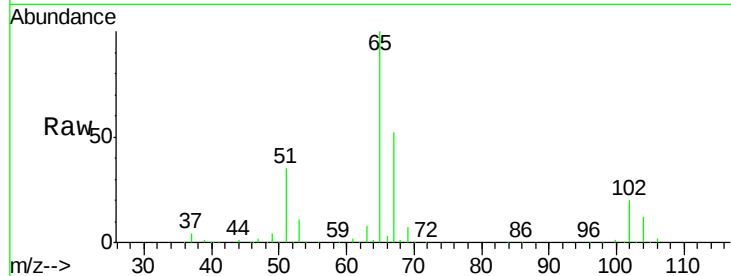




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.38 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. 0.01 min  
 Lab File: VX003224.D  
 Acq: 06 Jul 2018 20:40

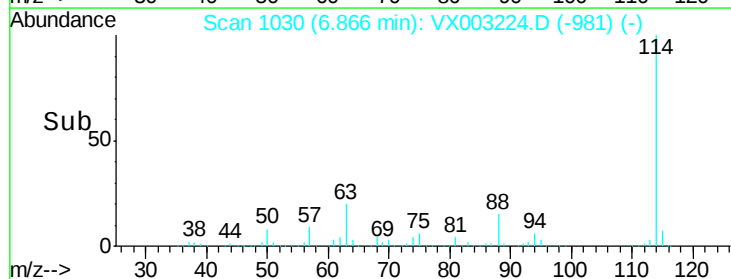
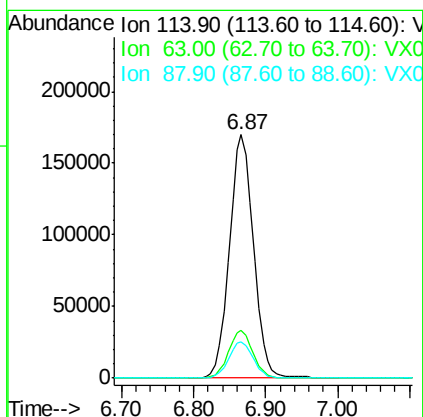
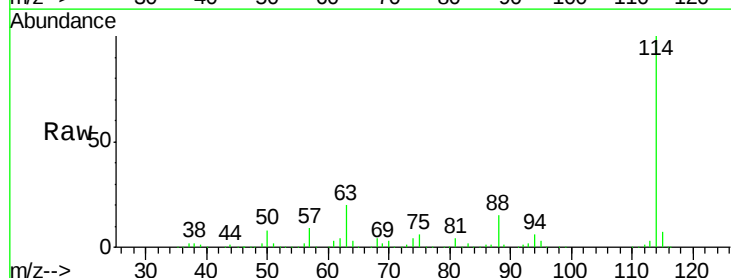
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 S10-0139DL

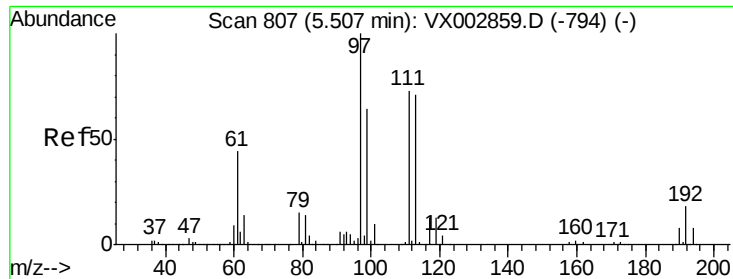
Tot Ion: 65 Resp: 179091  
 Ion Ratio Lower Upper  
 65 100  
 67 52.7 0.0 102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VX003224.D  
 Acq: 06 Jul 2018 20:40

Tgt Ion: 114 Resp: 396400  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 41.4  
 88 15.1 0.0 30.0

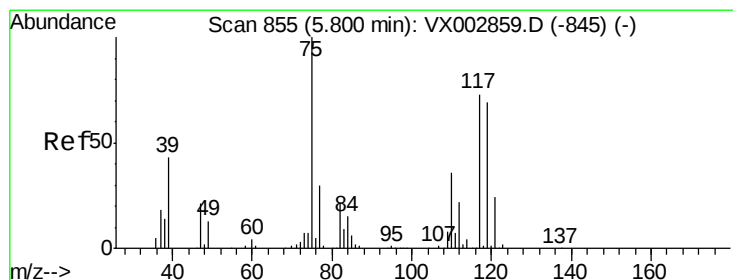
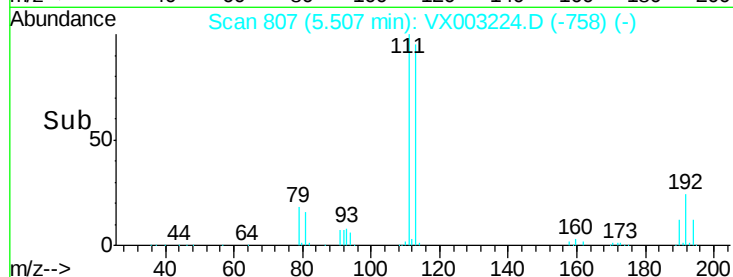
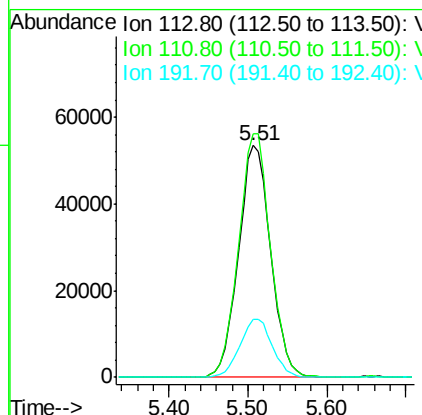
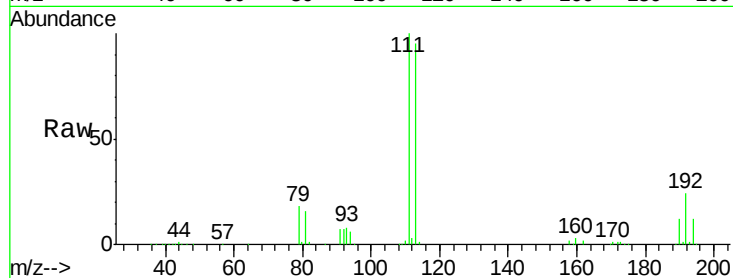




#35  
Dibromofluoromethane  
Concen: 48.17 ug/l  
RT: 5.51 min Scan# 807  
Delta R.T. -0.00 min  
Lab File: VX003224.D  
Acq: 06 Jul 2018 20:40

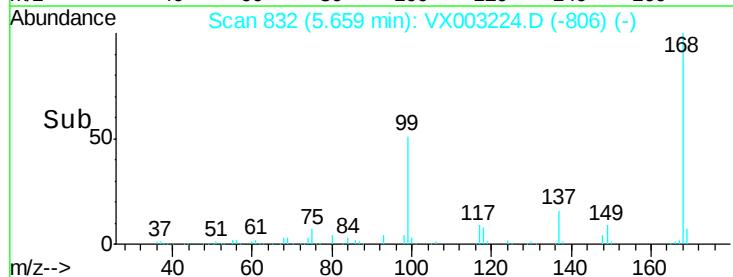
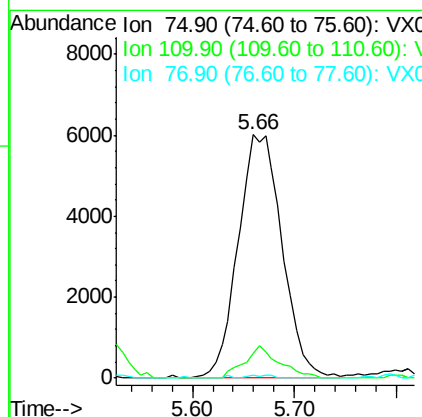
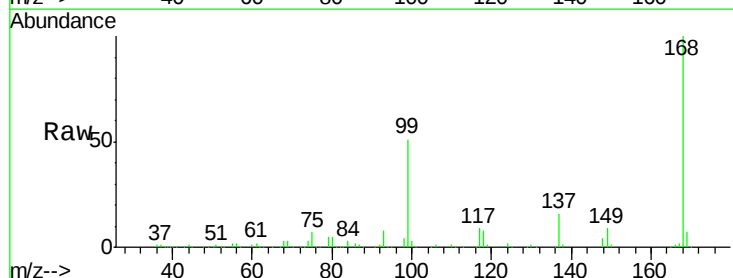
Instrument :  
MSVOA\_X  
ClientSampleId :  
S10-0139DL

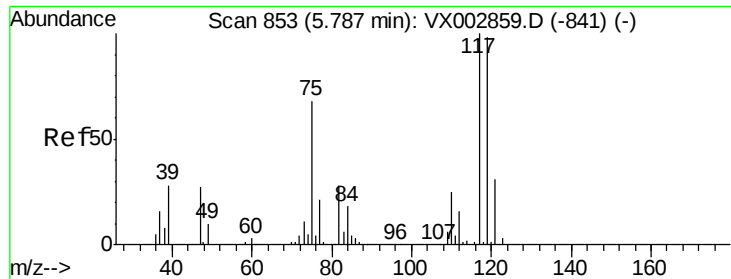
Tot Ion:113 Resp: 151203  
Ion Ratio Lower Upper  
113 100  
111 104.4 81.4 122.0  
192 25.4 19.1 28.7



#36  
1,1-Dichloropropene  
Concen: 4.15 ug/l  
RT: 5.66 min Scan# 832  
Delta R.T. -0.14 min  
Lab File: VX003224.D  
Acq: 06 Jul 2018 20:40

Tgt Ion: 75 Resp: 18024  
Ion Ratio Lower Upper  
75 100  
110 10.2 18.1 54.4#  
77 0.6 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.33 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX003224.D

Acq: 06 Jul 2018 20:40

Instrument :

MSVOA\_X

ClientSampleId :

S10-0139DL

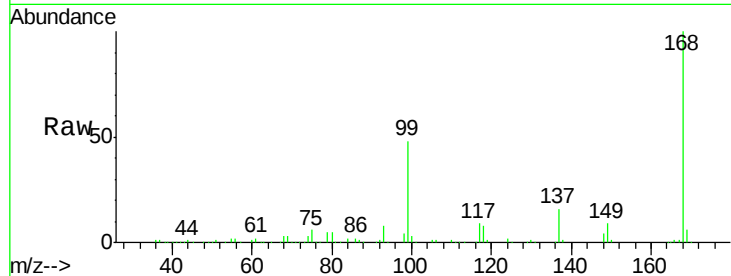
Tot Ion:117 Resp: 25429

Ion Ratio Lower Upper

117 100

119 6.0 77.4 116.0#

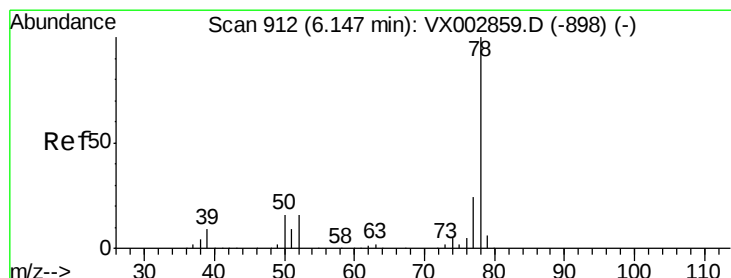
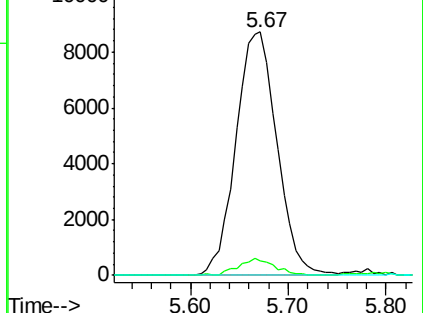
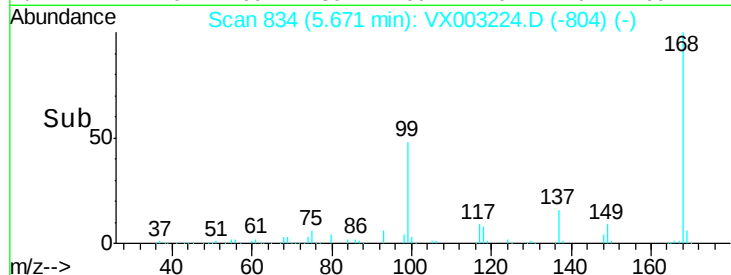
121 0.0 24.4 36.6#



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



#40

Benzene

Concen: 39.41 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX003224.D

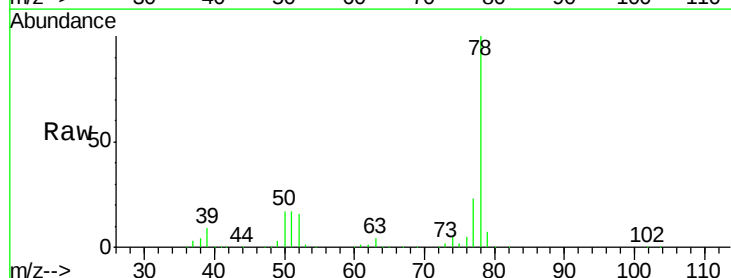
Acq: 06 Jul 2018 20:40

Tgt Ion: 78 Resp: 497801

Ion Ratio Lower Upper

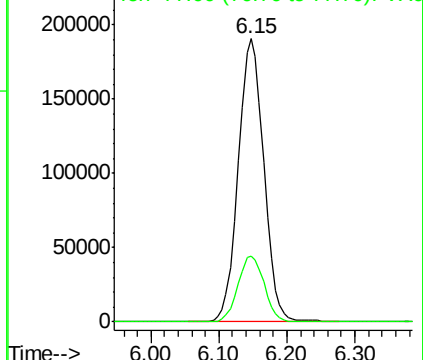
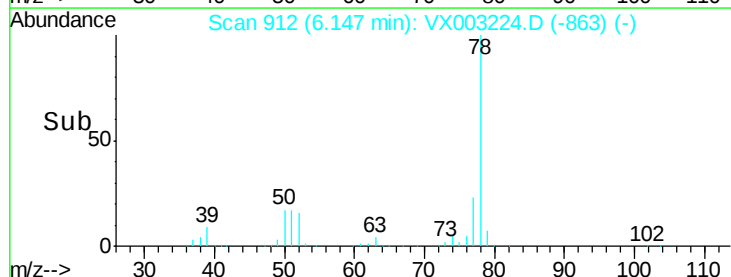
78 100

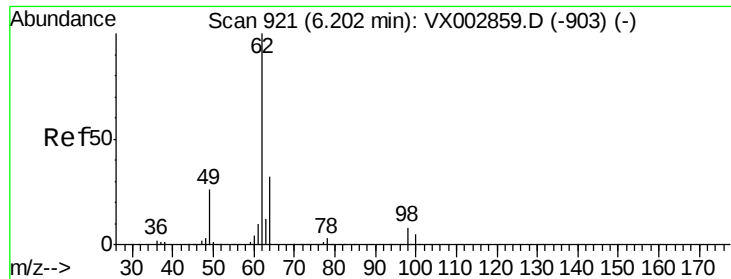
77 23.4 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 0.97 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.05 min

Lab File: VX003224.D

Acq: 06 Jul 2018 20:40

Instrument :

MSVOA\_X

ClientSampled :

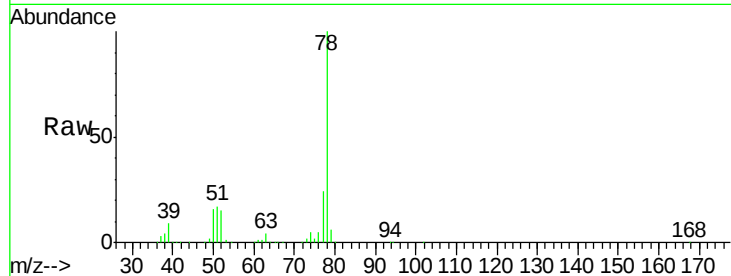
S10-0139DL

Tot Ion: 62 Resp: 4950

Ion Ratio Lower Upper

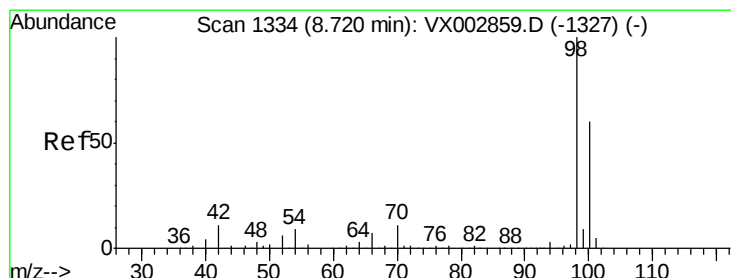
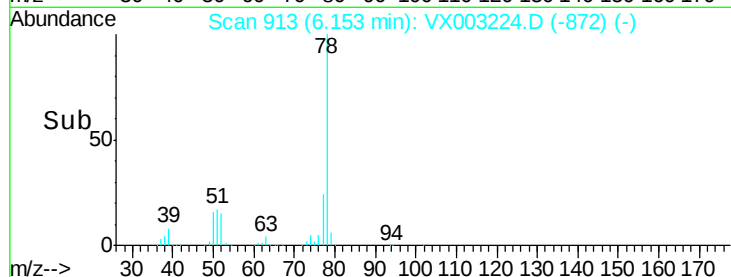
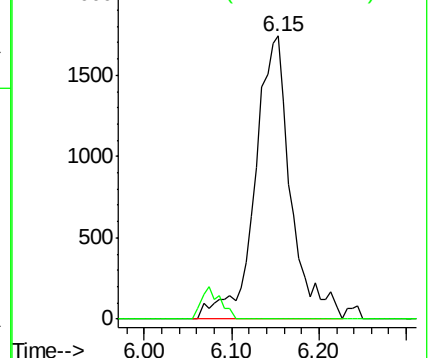
62 100

98 0.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#50

Toluene-d8

Concen: 48.06 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003224.D

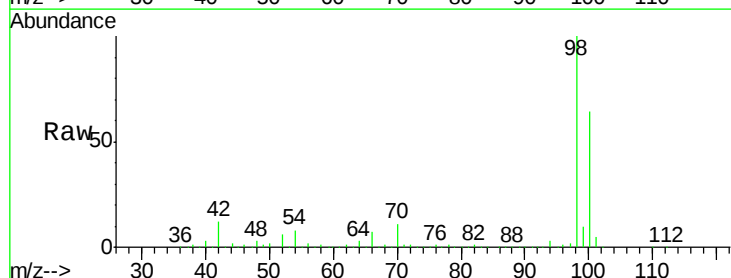
Acq: 06 Jul 2018 20:40

Tgt Ion: 98 Resp: 550875

Ion Ratio Lower Upper

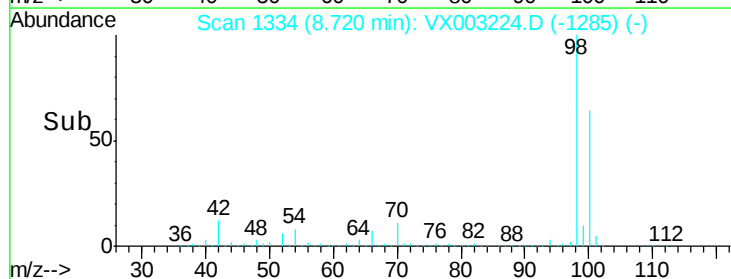
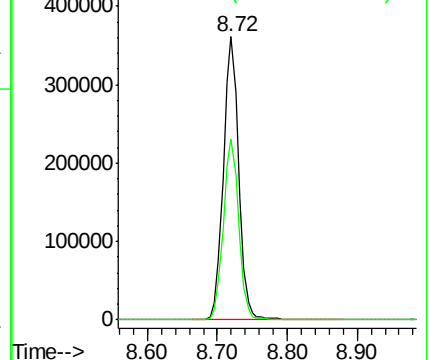
98 100

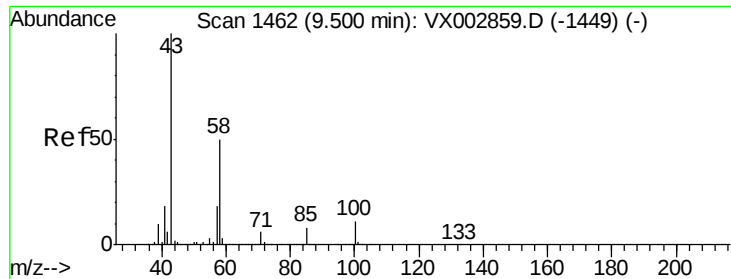
100 64.2 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

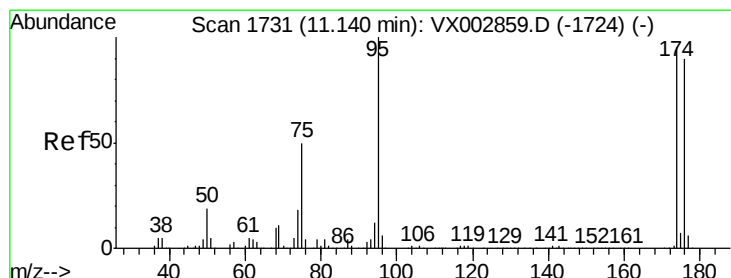
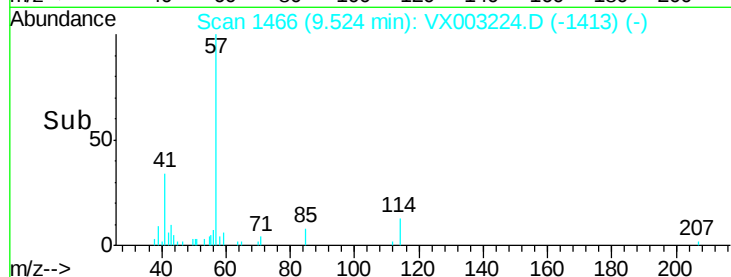
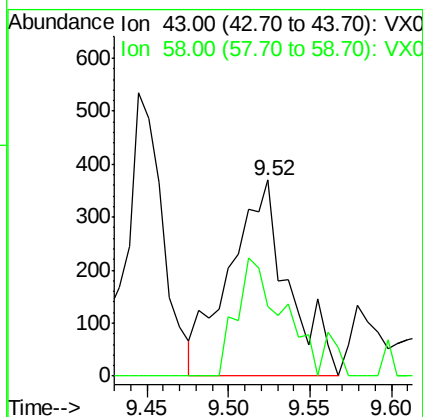
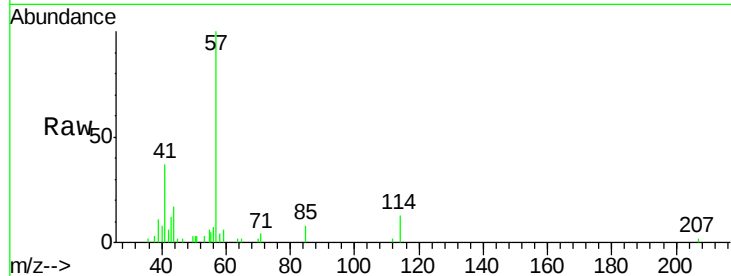




#59  
2-Hexanone  
Concen: 0.25 ug/l  
RT: 9.52 min Scan# 1466  
Delta R.T. 0.02 min  
Lab File: VX003224.D  
Acq: 06 Jul 2018 20:40

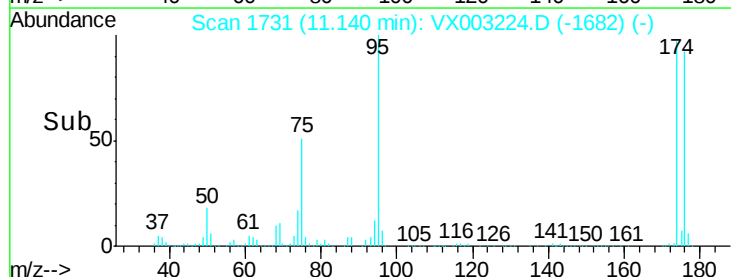
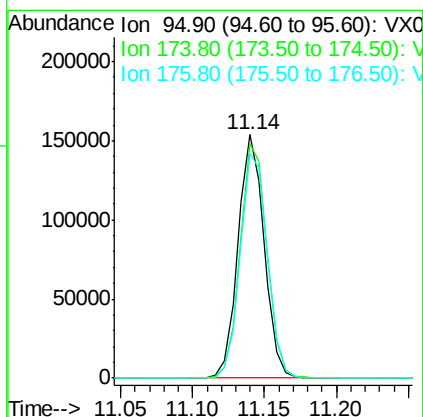
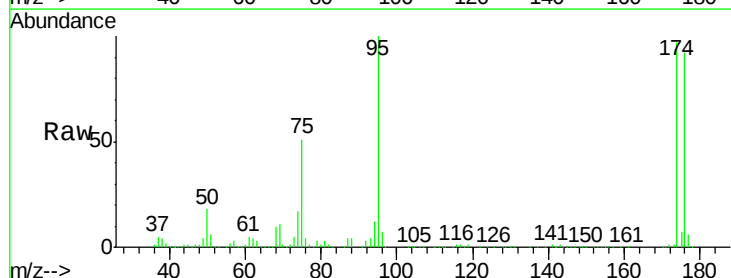
Instrument :  
MSVOA\_X  
ClientSampled :  
S10-0139DL

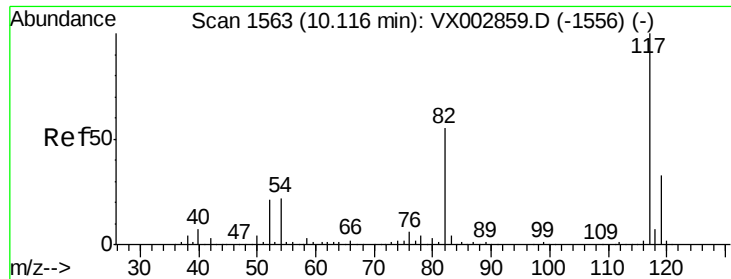
Tot Ion: 43 Resp: 927  
Ion Ratio Lower Upper  
43 100  
58 46.3 24.6 73.6



#62  
4-Bromofluorobenzene  
Concen: 43.69 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. 0.00 min  
Lab File: VX003224.D  
Acq: 06 Jul 2018 20:40

Tgt Ion: 95 Resp: 193169  
Ion Ratio Lower Upper  
95 100  
174 99.0 0.0 187.4  
176 95.8 0.0 181.0

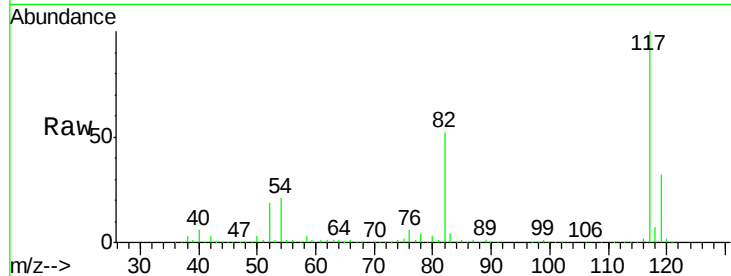




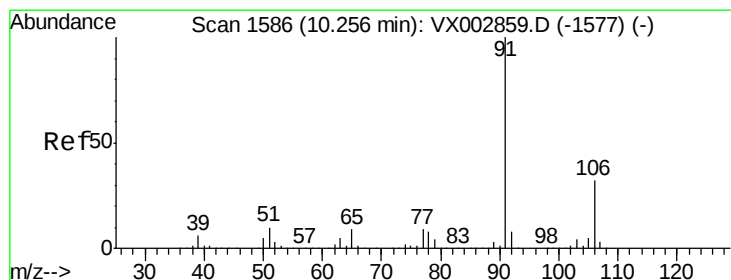
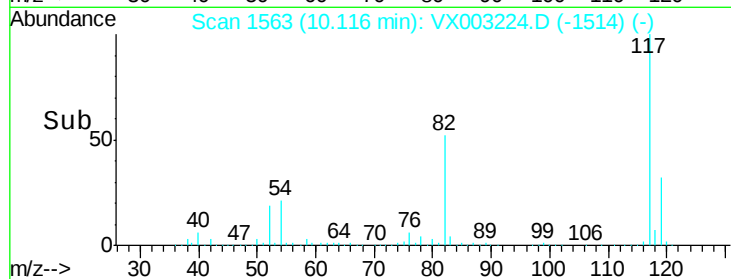
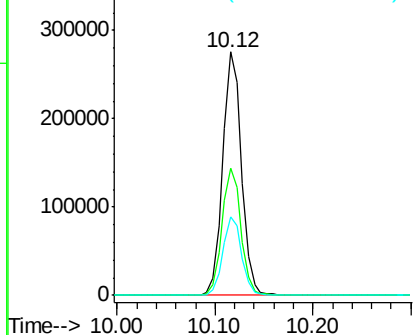
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX003224.D  
Acq: 06 Jul 2018 20:40

Instrument :  
MSVOA\_X  
ClientSampled :  
S10-0139DL

Tot Ion:117 Resp: 366767  
Ion Ratio Lower Upper  
117 100  
82 52.2 45.0 67.4  
119 32.2 25.8 38.6

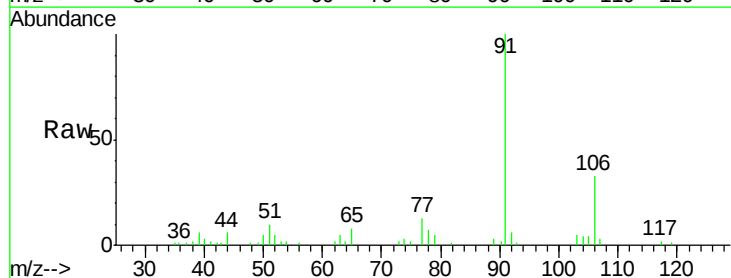


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

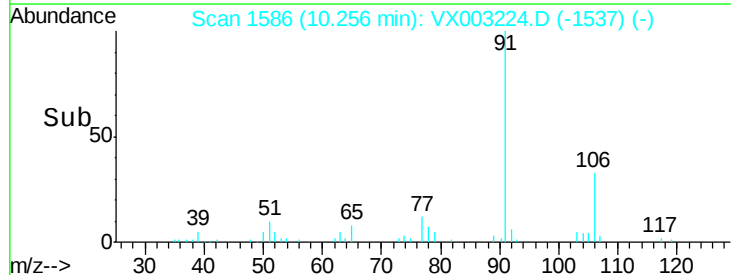
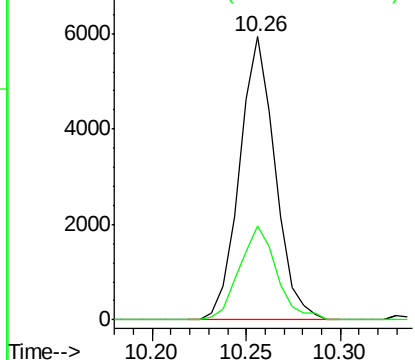


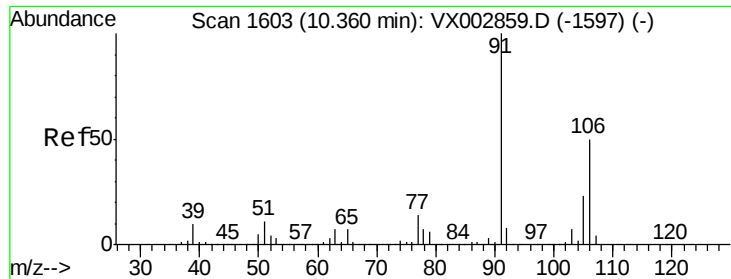
#67  
Ethyl Benzene  
Concen: 0.50 ug/l  
RT: 10.26 min Scan# 1586  
Delta R.T. -0.00 min  
Lab File: VX003224.D  
Acq: 06 Jul 2018 20:40

Tgt Ion: 91 Resp: 7766  
Ion Ratio Lower Upper  
91 100  
106 33.4 25.5 38.3



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

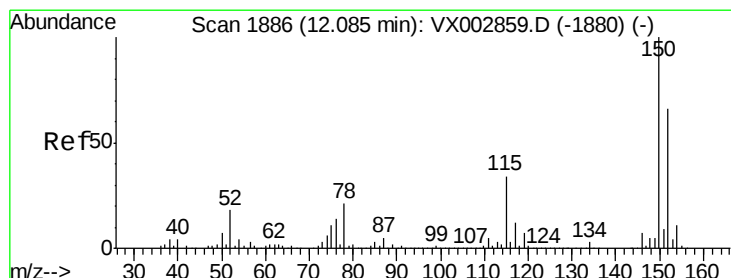
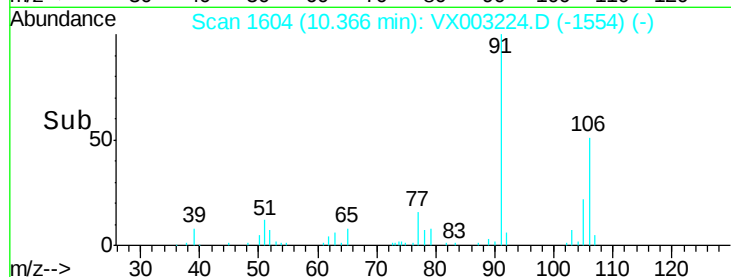
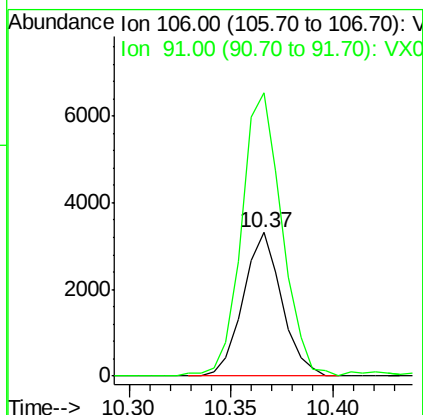
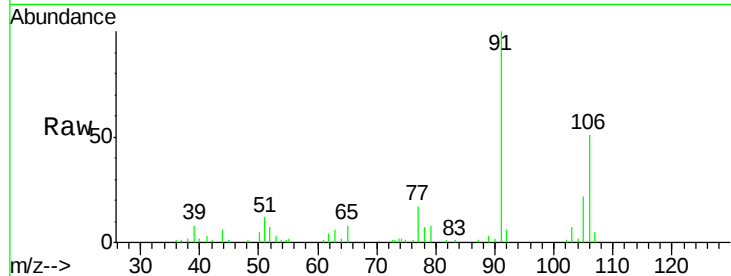




#68  
m/p-Xvlenes  
Concen: 0.73 ug/l  
RT: 10.37 min Scan# 1604  
Delta R.T. 0.01 min  
Lab File: VX003224.D  
Acq: 06 Jul 2018 20:40

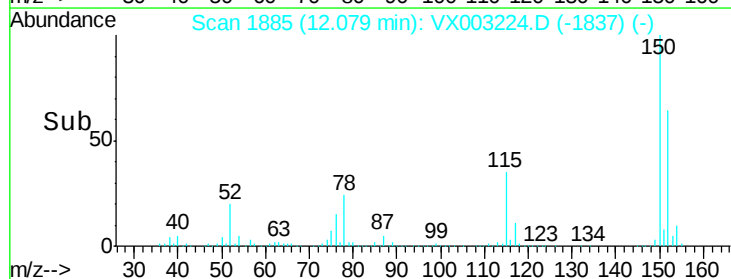
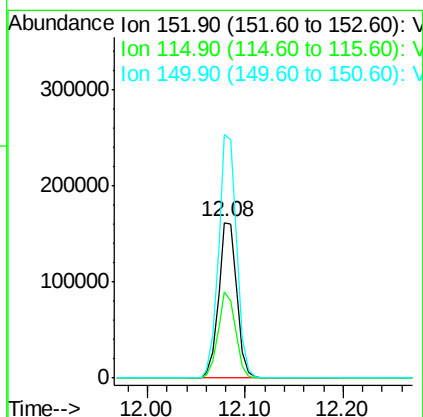
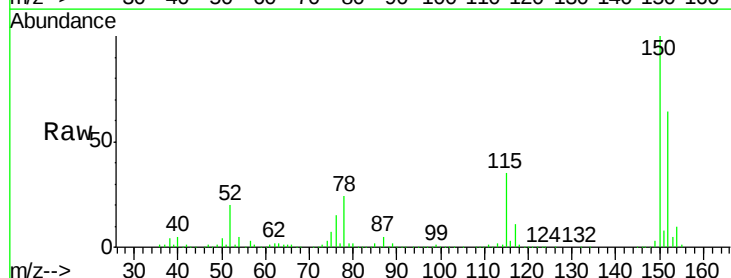
Instrument :  
MSVOA\_X  
ClientSampled :  
S10-0139DL

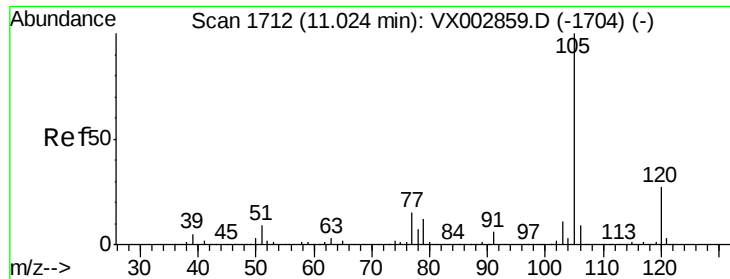
Tot Ion:106 Resp: 4348  
Ion Ratio Lower Upper  
106 100  
91 206.0 163.4 245.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.08 min Scan# 1885  
Delta R.T. -0.01 min  
Lab File: VX003224.D  
Acq: 06 Jul 2018 20:40

Tgt Ion:152 Resp: 206892  
Ion Ratio Lower Upper  
152 100  
115 53.2 40.1 120.2  
150 155.7 0.0 347.2





#73

Isopropylbenzene

Concen: 0.24 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003224.D

Acq: 06 Jul 2018 20:40

Instrument :

MSVOA\_X

ClientSampled :

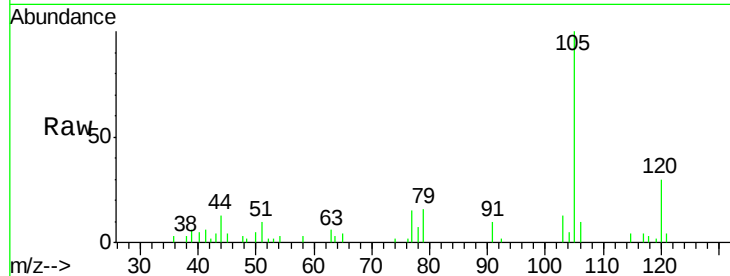
S10-0139DL

Tot Ion: 105 Resp: 3391

Ion Ratio Lower Upper

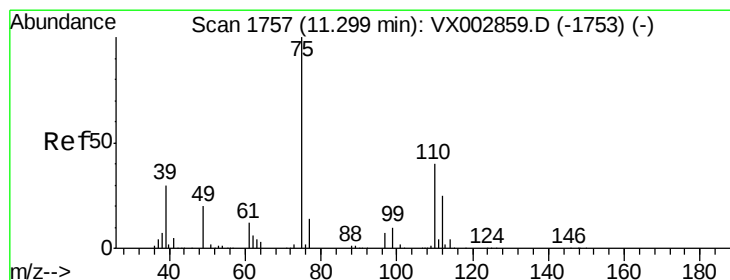
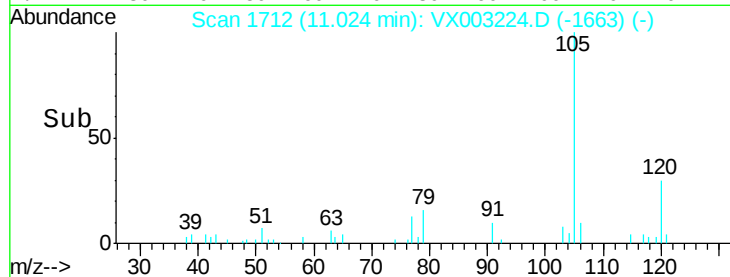
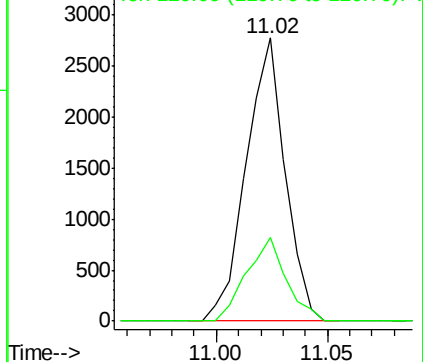
105 100

120 30.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 25.75 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003224.D

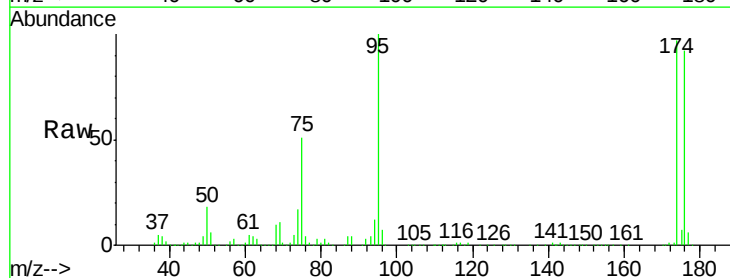
Acq: 06 Jul 2018 20:40

Tgt Ion: 75 Resp: 96518

Ion Ratio Lower Upper

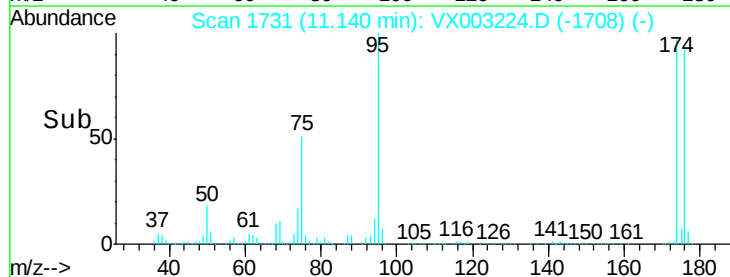
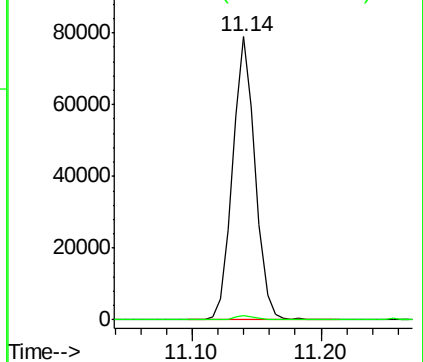
75 100

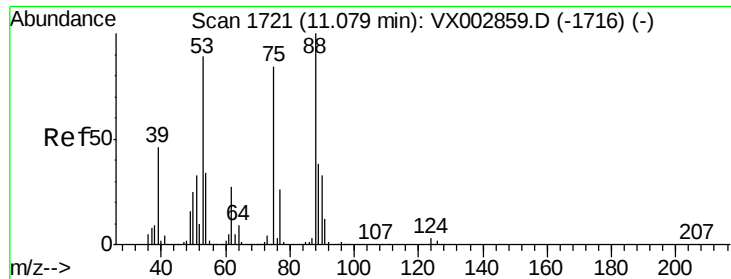
77 1.4 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 73.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003224.D

Acq: 06 Jul 2018 20:40

Instrument :

MSVOA\_X

ClientSampled :

S10-0139DL

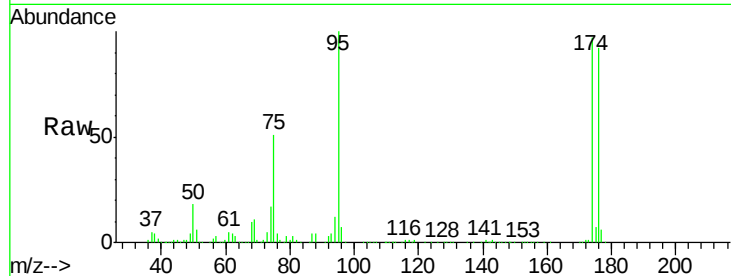
Tot Ion: 75 Resp: 96518

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

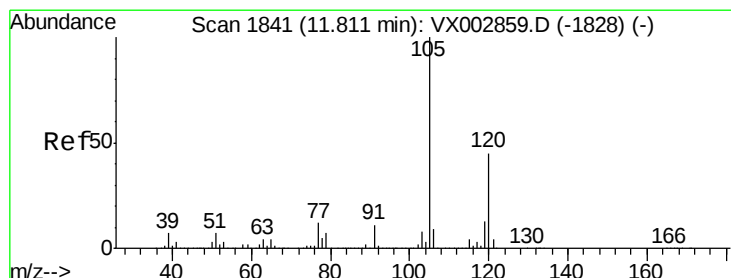
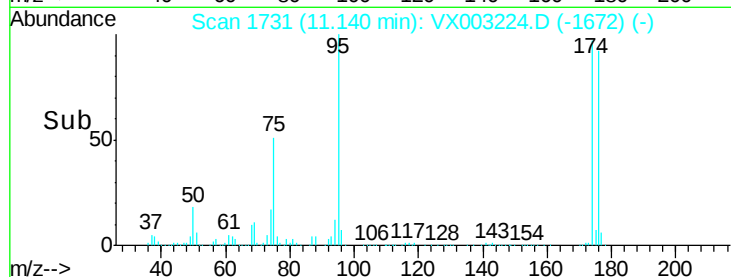
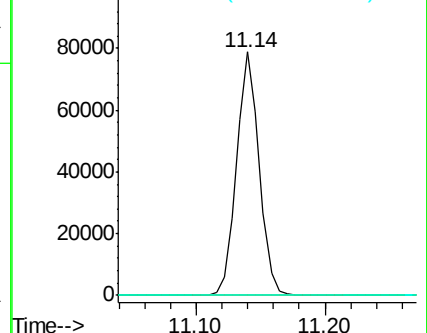
89 0.1 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.30 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX003224.D

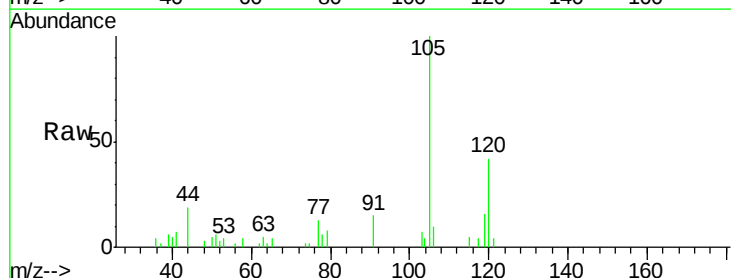
Acq: 06 Jul 2018 20:40

Tgt Ion:105 Resp: 3625

Ion Ratio Lower Upper

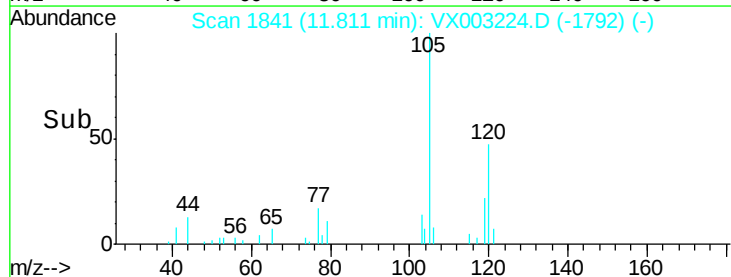
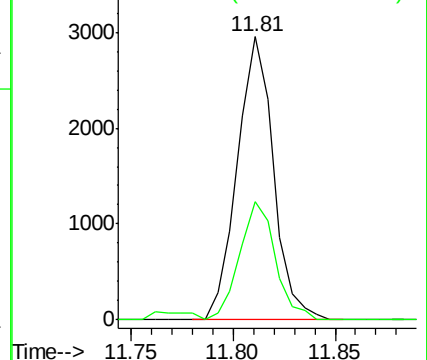
105 100

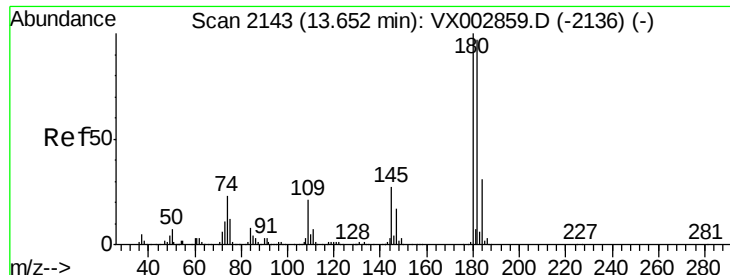
120 41.4 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#93

1,2,4-Trichlorobenzene

Concen: 0.21 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX003224.D

Acq: 06 Jul 2018 20:40

Instrument :

MSVOA\_X

ClientSampleId :

S10-0139DL

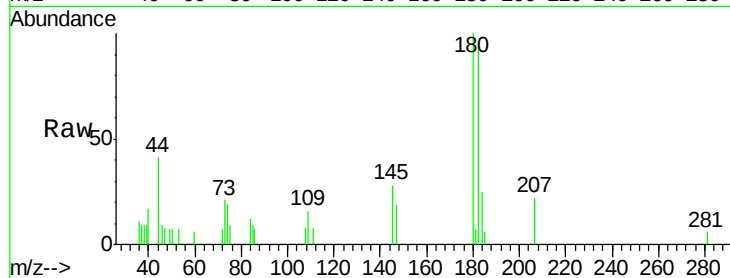
Tot Ion:180 Resp: 1129

Ion Ratio Lower Upper

180 100

182 99.6 47.7 143.1

145 32.2 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

