

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\  
 Data File : VX002935.D  
 Acq On : 27 Jun 2018 14:44  
 Operator : JC/MD  
 Sample : J3707-01  
 Misc : 5.49g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 28 03:12:56 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      | 5.66  | 168  | 248662   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 348247   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 335645   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 208063   | 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   | 169362   | 49.28 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.56% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 128898   | 46.74 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.48% |          |
| 50) Toluene-d8              | 8.72  | 98   | 498068   | 49.46 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.92% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 191450   | 49.29 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.58% |          |

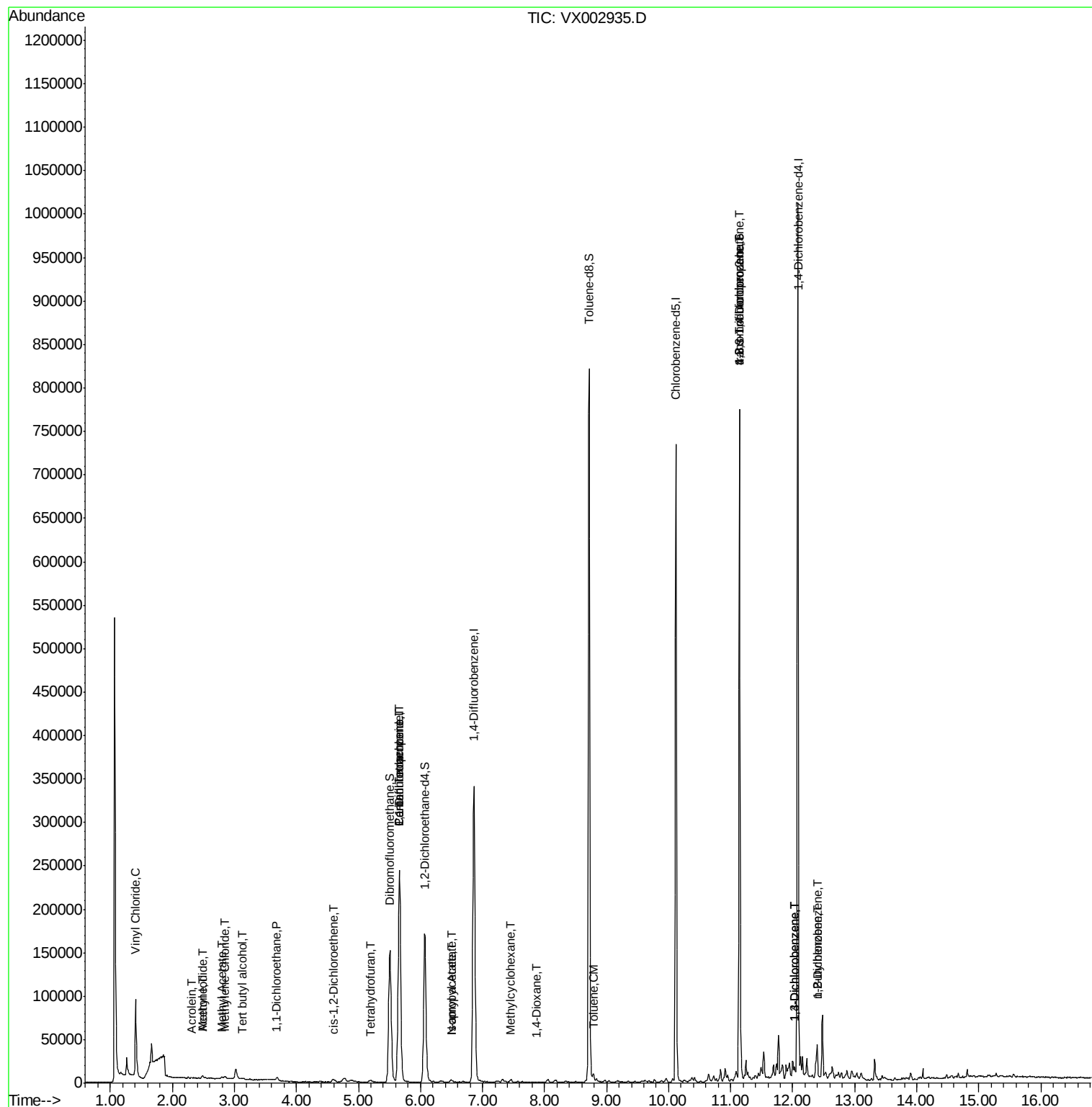
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 2) Dichlorodifluoromethane     | 1.19  | 85   | 49       | Below Cal | #     | 43     |
| 3) Chloromethane               | 1.32  | 50   | 924      | Below Cal |       | 98     |
| 4) Vinyl Chloride              | 1.41  | 62   | 75317    | 26.78     | ug/l  | 93     |
| 5) Bromomethane                | 1.64  | 94   | 2597     | Below Cal |       | 91     |
| 6) Chloroethane                | 1.53  | 64   | 252      | Below Cal | #     | 43     |
| 10) Methyl Iodide              | 2.49  | 142  | 3007     | 7.17      | ug/l  | 93     |
| 11) Tert butyl alcohol         | 3.12  | 59   | 583      | 0.85      | ug/l  | # 84   |
| 13) Acrolein                   | 2.31  | 56   | 330      | 5.08      | ug/l  | # 44   |
| 16) Acetone                    | 2.48  | 43   | 1215     | 0.85      | ug/l  | 98     |
| 18) Methyl Acetate             | 2.79  | 43   | 2086     | 0.52      | ug/l  | # 86   |
| 20) Methylene Chloride         | 2.84  | 84   | 1245     | 0.45      | ug/l  | # 81   |
| 24) 1,1-Dichloroethane         | 3.68  | 63   | 3384     | 0.67      | ug/l  | # 95   |
| 27) cis-1,2-Dichloroethene     | 4.60  | 96   | 2120     | 0.71      | ug/l  | 80     |
| 29) Tetrahydrofuran            | 5.19  | 42   | 2340     | 1.73      | ug/l  | # 74   |
| 36) 1,1-Dichloropropene        | 5.66  | 75   | 16974    | 4.44      | ug/l  | # 50   |
| 38) Carbon Tetrachloride       | 5.66  | 117  | 22651    | 5.40      | ug/l  | # 15   |
| 39) Methylcyclohexane          | 7.46  | 83   | 1375     | 0.31      | ug/l  | # 90   |
| 43) Isopropyl Acetate          | 6.49  | 43   | 1523     | 0.22      | ug/l  | # 63   |
| 49) 1,4-Dioxane                | 7.88  | 88   | 19       | 0.27      | ug/l  | # 1    |
| 52) Toluene                    | 8.79  | 92   | 2983     | 0.42      | ug/l  | 94     |
| 74) N-amyl acetate             | 6.49  | 43   | 1523     | 0.22      | ug/l  | # 59   |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 99870    | 26.50     | ug/l  | # 33   |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 99870    | 75.08     | ug/l  | # 7    |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 1611     | 0.22      | ug/l  | 88     |
| 88) 1,4-Dichlorobenzene        | 12.03 | 146  | 1611     | 0.22      | ug/l  | 88     |
| 89) n-Butylbenzene             | 12.39 | 91   | 2746     | 0.25      | ug/l  | # 72   |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 10090    | 1.37      | ug/l  | 96     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062718\  
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Acq On : 27 Jun 2018 14:44  
Operator : JC/MD  
Sample : J3707-01  
Misc : 5.49µL/5mL/100µL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Jun 28 03:12:56 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: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

Instrument :

MSVOA\_X

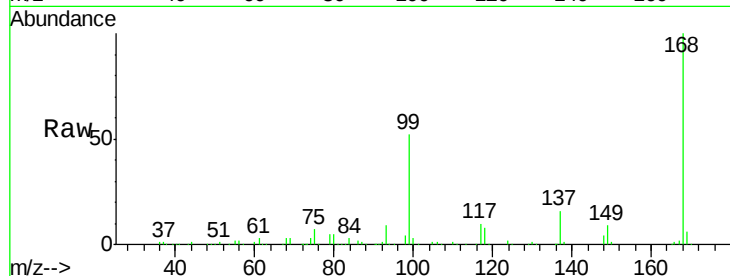
ClientSampleId :

Tot Ion:168 Resp: 248662

Ion Ratio Lower Upper

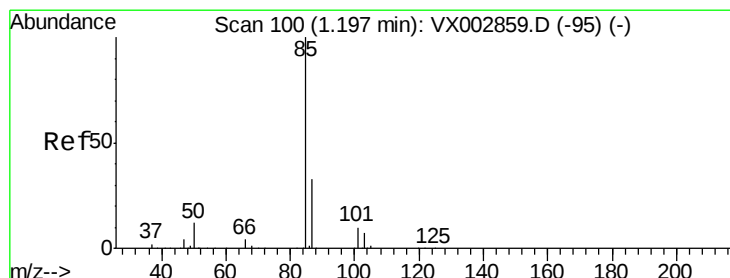
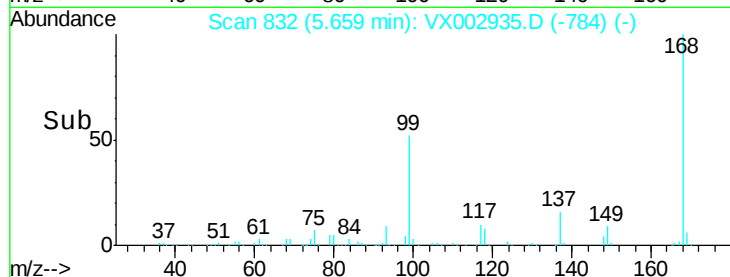
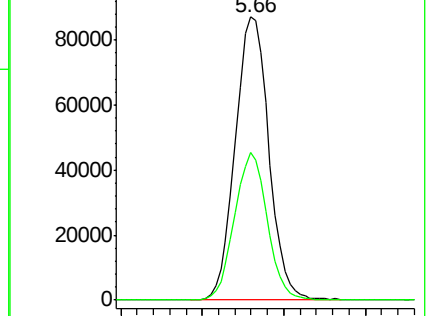
168 100

99 52.1 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: Below Cal

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX002935.D

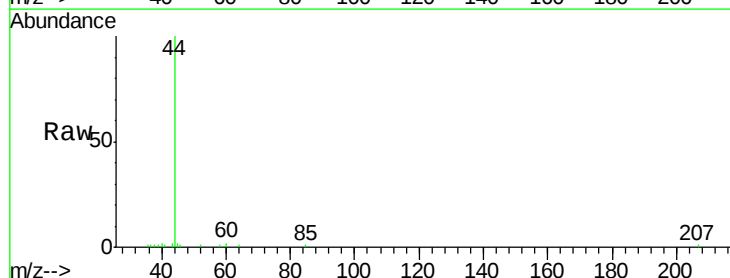
Acq: 27 Jun 2018 14:44

Tgt Ion: 85 Resp: 49

Ion Ratio Lower Upper

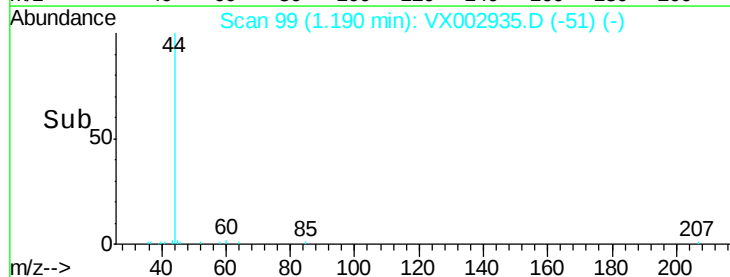
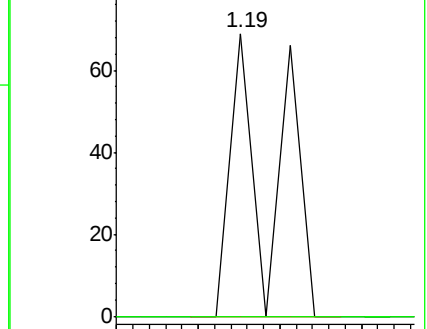
85 100

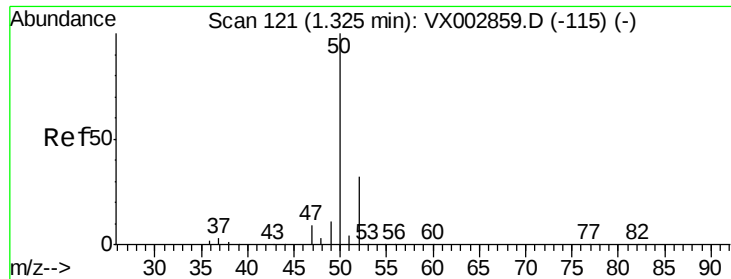
87 0.0 16.0 47.9#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

Instrument :

MSVOA\_X

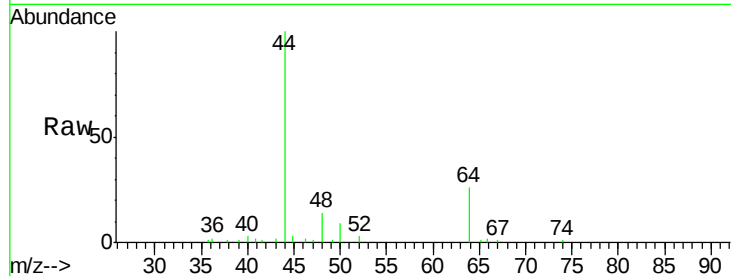
ClientSampleId :

Tot Ion: 50 Resp: 924

Ion Ratio Lower Upper

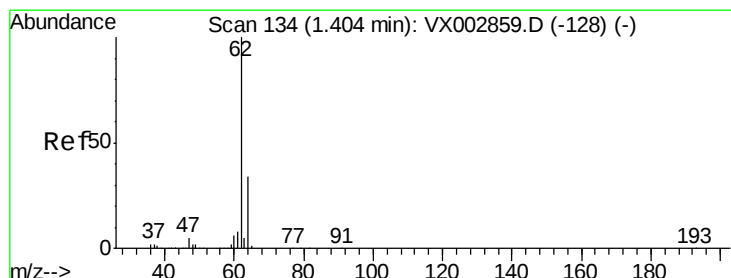
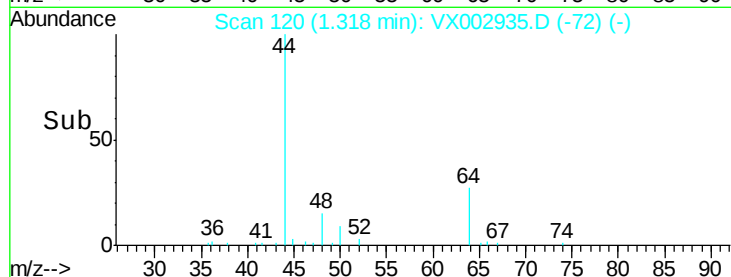
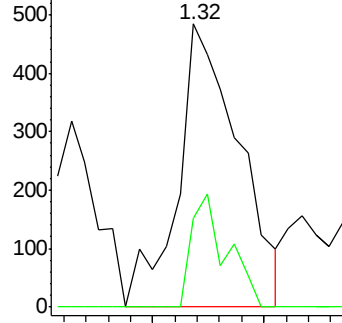
50 100

52 31.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 26.78 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002935.D

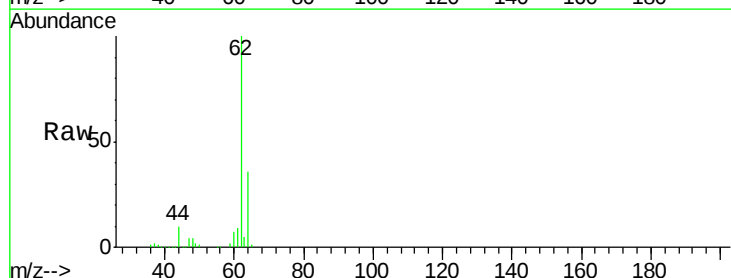
Acq: 27 Jun 2018 14:44

Tgt Ion: 62 Resp: 75317

Ion Ratio Lower Upper

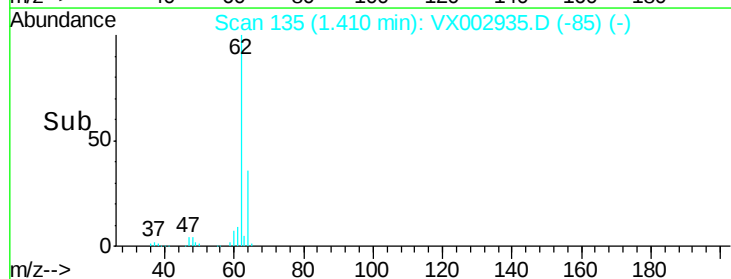
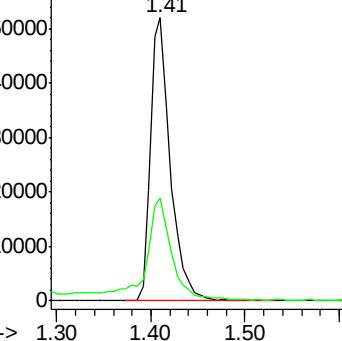
62 100

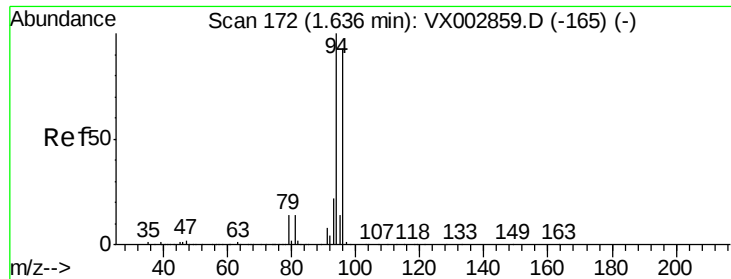
64 35.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

Instrument :

MSVOA\_X

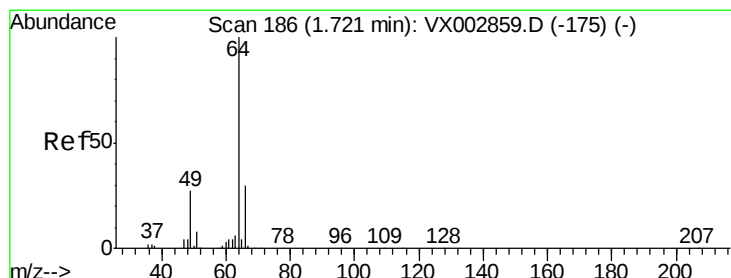
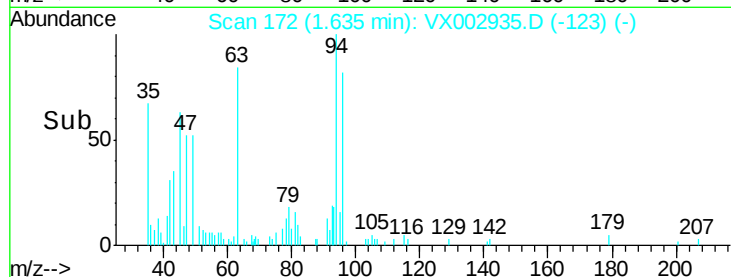
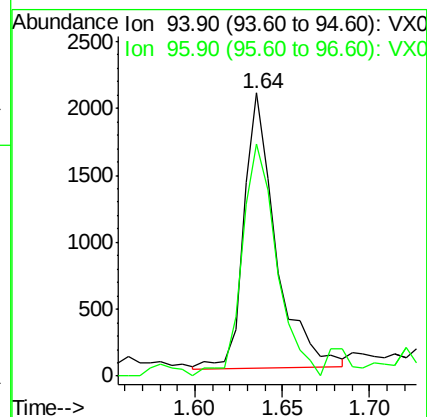
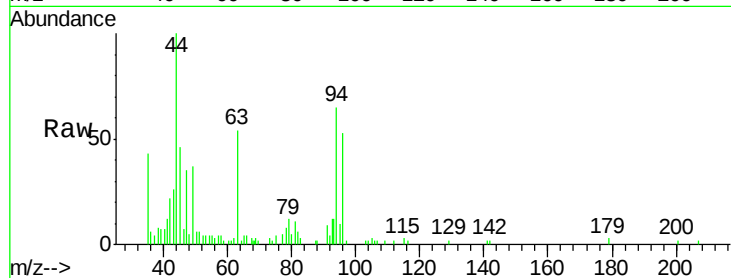
ClientSampleId :

Tot Ion: 94 Resp: 2597

Ion Ratio Lower Upper

94 100

96 85.1 74.9 112.3



#6

Chloroethane

Concen: Below Cal

RT: 1.53 min Scan# 155

Delta R.T. -0.19 min

Lab File: VX002935.D

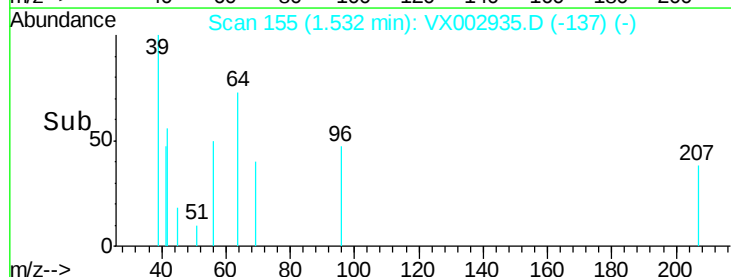
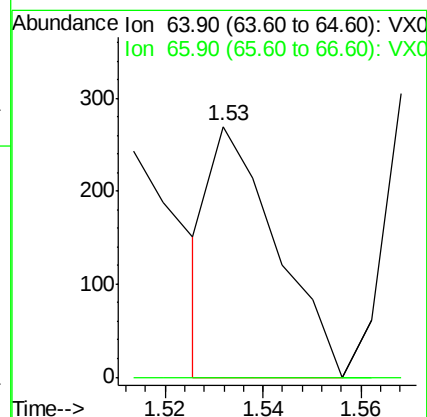
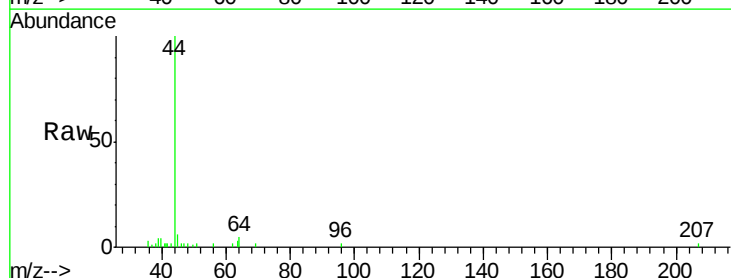
Acq: 27 Jun 2018 14:44

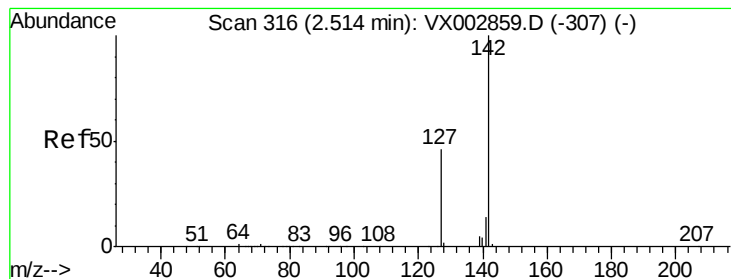
Tgt Ion: 64 Resp: 252

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#





#10

Methyl Iodide

Concen: 7.17 ug/l

RT: 2.49 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

Instrument :

MSVOA\_X

ClientSampleId :

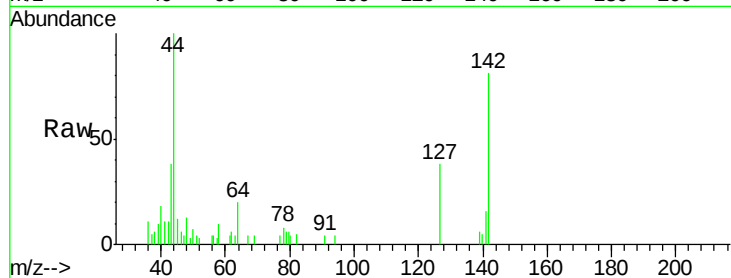
Tot Ion:142 Resp: 3007

Ion Ratio Lower Upper

142 100

127 50.4 36.6 55.0

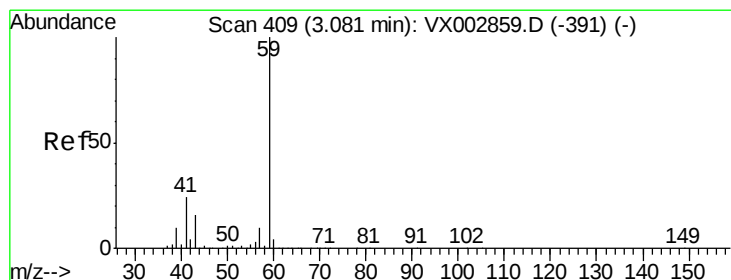
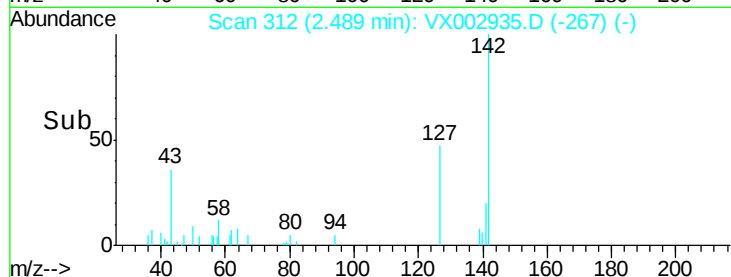
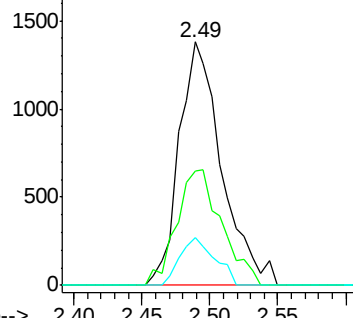
141 16.2 11.3 16.9



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: 0.85 ug/l

RT: 3.12 min Scan# 416

Delta R.T. 0.04 min

Lab File: VX002935.D

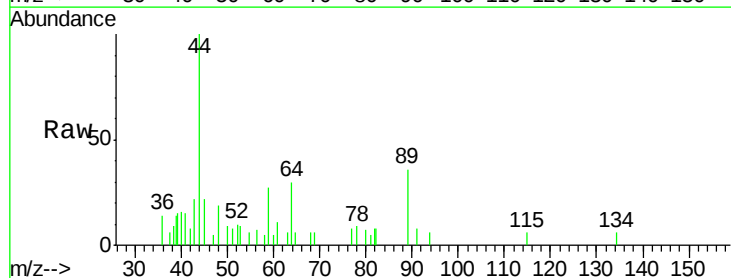
Acq: 27 Jun 2018 14:44

Tgt Ion: 59 Resp: 583

Ion Ratio Lower Upper

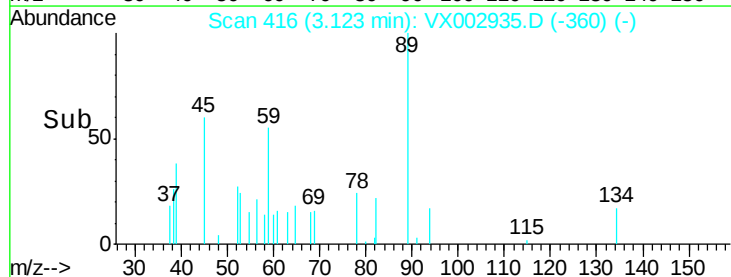
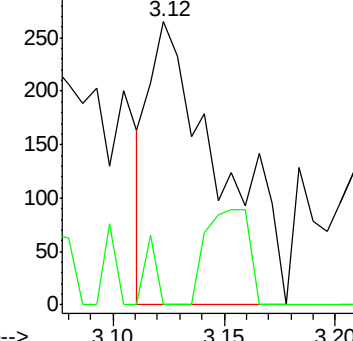
59 100

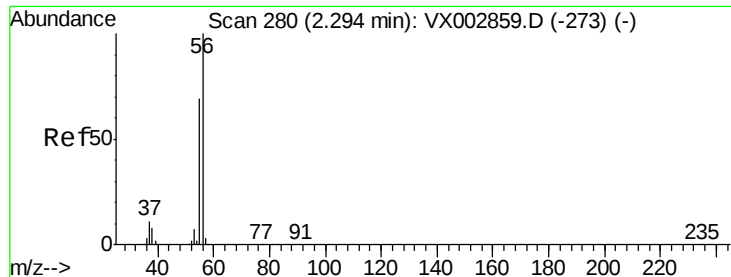
57 4.1 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 5.08 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

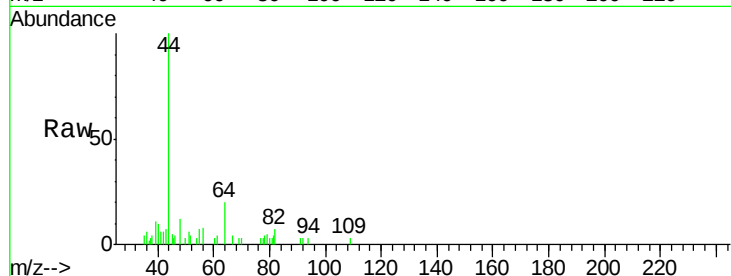
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 56 Resp: 330

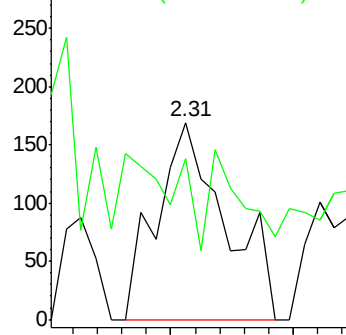
Ion Ratio Lower Upper

56 100

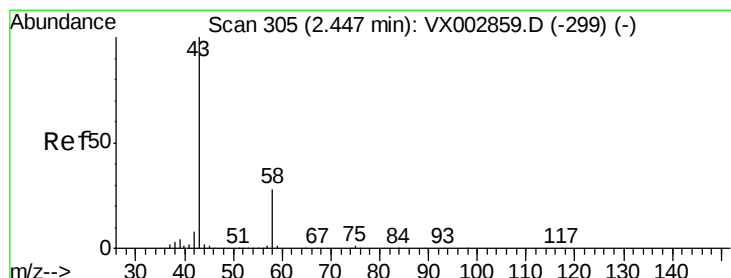
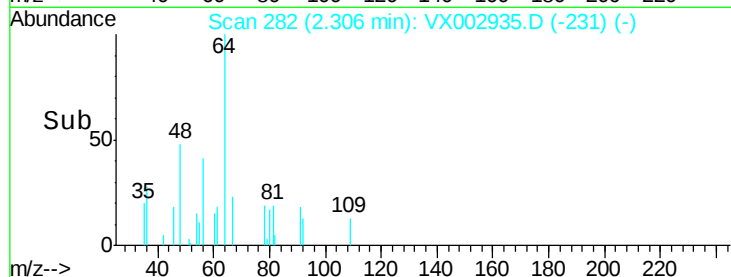
55 24.8 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0



Time-->



#16

Acetone

Concen: 0.85 ug/l

RT: 2.48 min Scan# 311

Delta R.T. 0.04 min

Lab File: VX002935.D

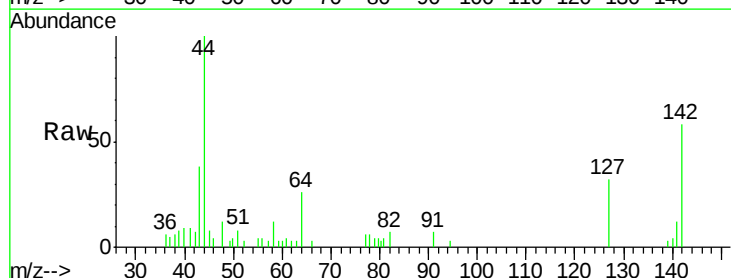
Acq: 27 Jun 2018 14:44

Tgt Ion: 43 Resp: 1215

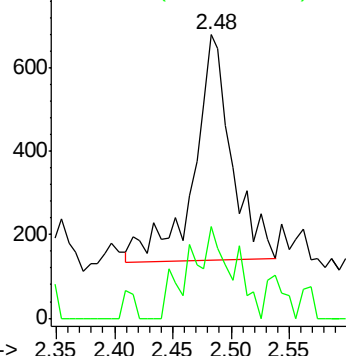
Ion Ratio Lower Upper

43 100

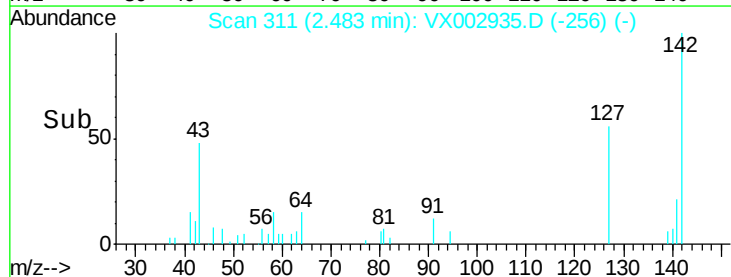
58 28.6 22.1 33.1

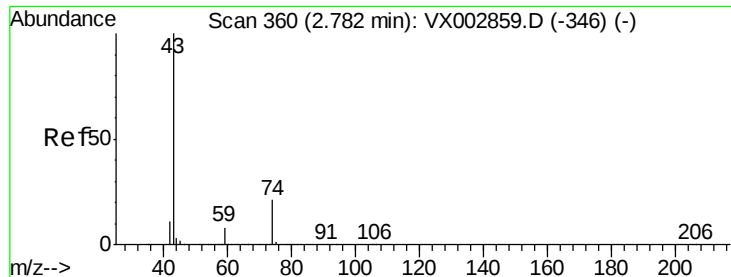


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0



Time-->

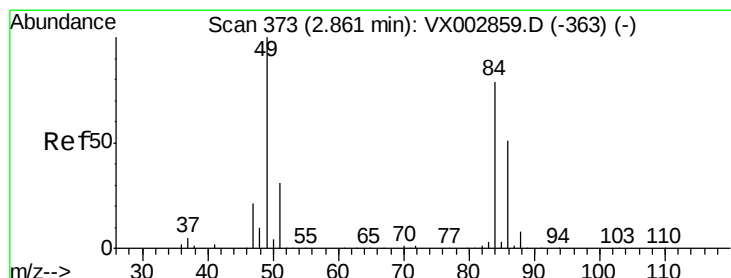
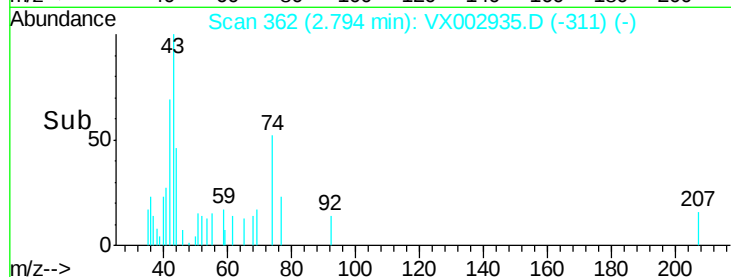
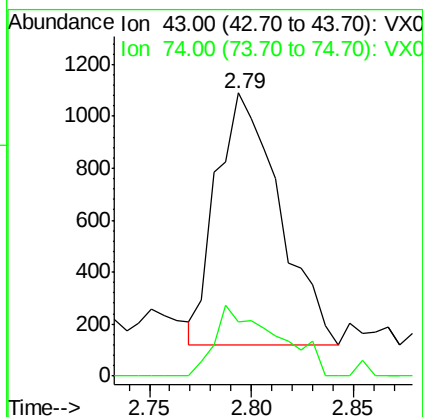
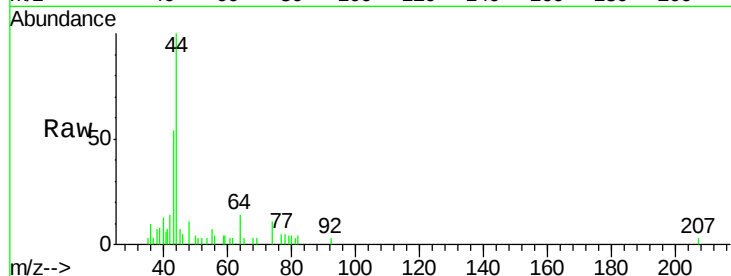




#18  
Methyl Acetate  
Concen: 0.52 ug/l  
RT: 2.79 min Scan# 362  
Delta R.T. 0.01 min  
Lab File: VX002935.D  
Acq: 27 Jun 2018 14:44

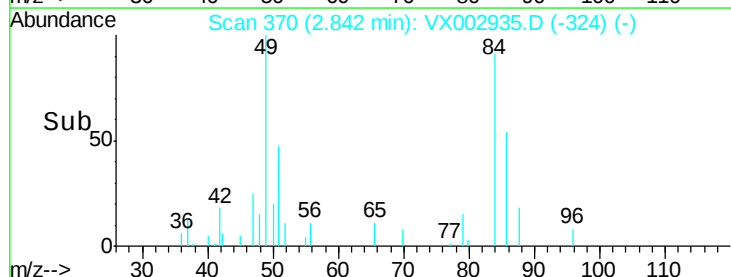
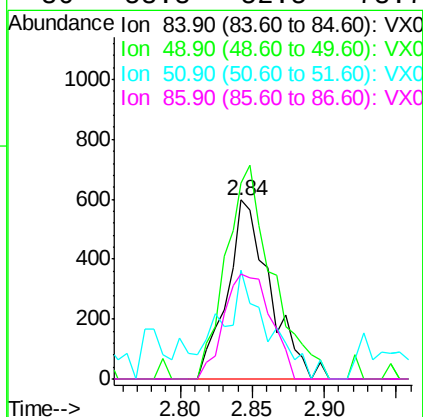
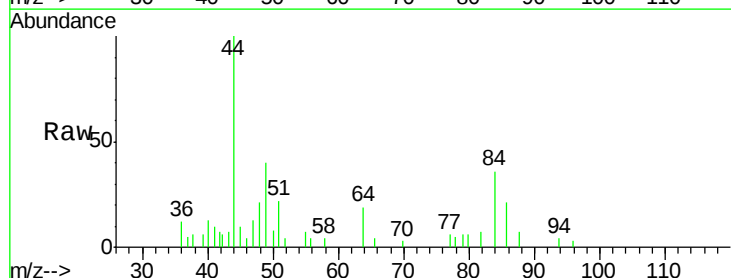
Instrument :  
MSVOA\_X  
ClientSampleId :

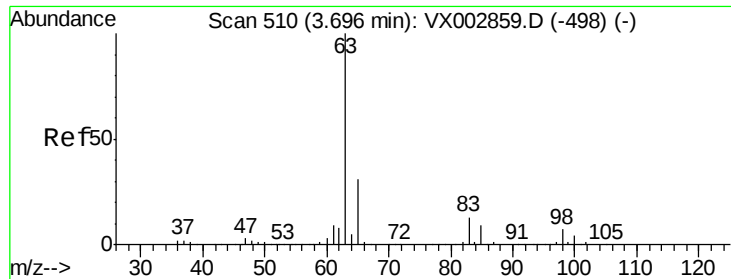
Tot Ion: 43 Resp: 2086  
Ion Ratio Lower Upper  
43 100  
74 27.7 16.7 25.1#



#20  
Methylene Chloride  
Concen: 0.45 ug/l  
RT: 2.84 min Scan# 370  
Delta R.T. -0.02 min  
Lab File: VX002935.D  
Acq: 27 Jun 2018 14:44

Tgt Ion: 84 Resp: 1245  
Ion Ratio Lower Upper  
84 100  
49 109.9 107.8 161.6  
51 61.0 32.8 49.2#  
86 58.8 52.5 78.7





#24

1,1-Dichloroethane

Concen: 0.67 ug/l

RT: 3.68 min Scan# 508

Delta R.T. -0.01 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

Instrument :

MSVOA\_X

ClientSampleId :

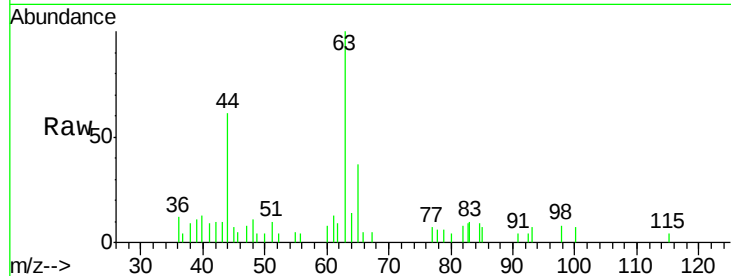
Tot Ion: 63 Resp: 3384

Ion Ratio Lower Upper

63 100

98 7.7 3.4 10.2

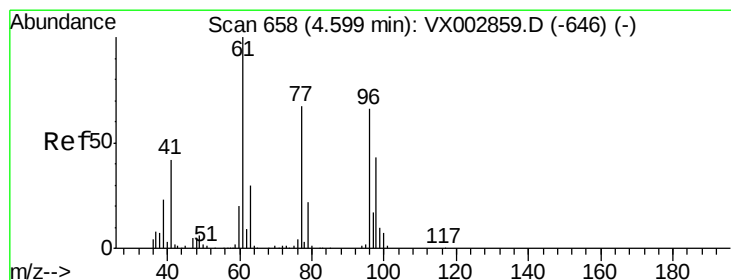
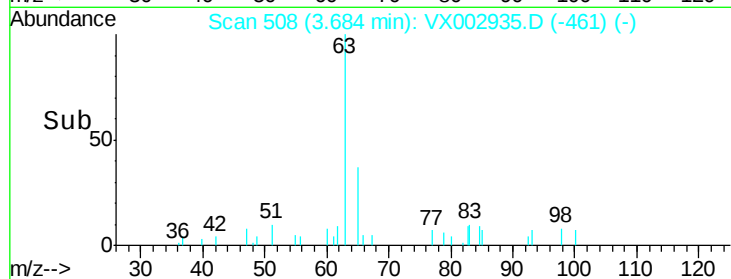
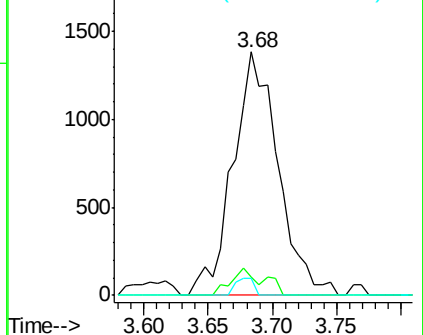
100 7.0 2.0 6.0#



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



#27

cis-1,2-Dichloroethene

Concen: 0.71 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

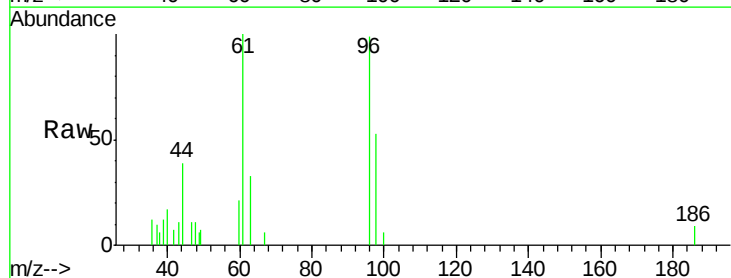
Tgt Ion: 96 Resp: 2120

Ion Ratio Lower Upper

96 100

61 127.4 0.0 330.2

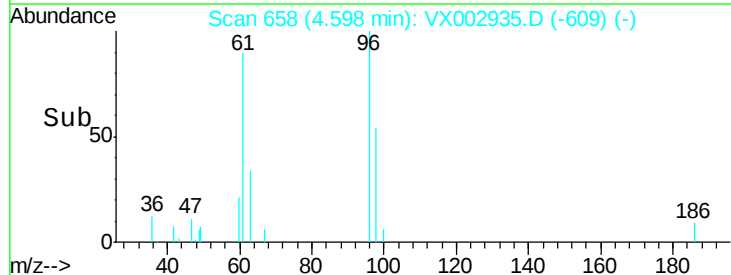
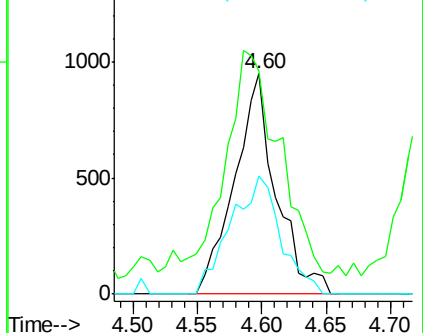
98 64.5 0.0 130.2

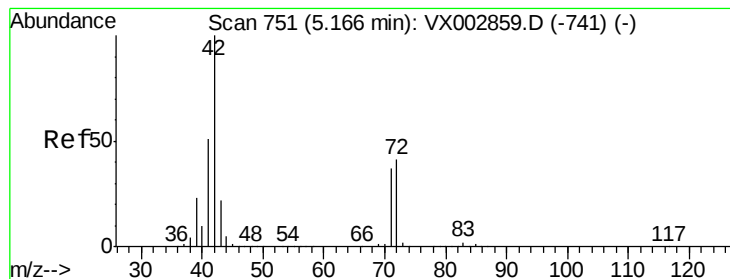


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 1.73 ug/l

RT: 5.19 min Scan# 755

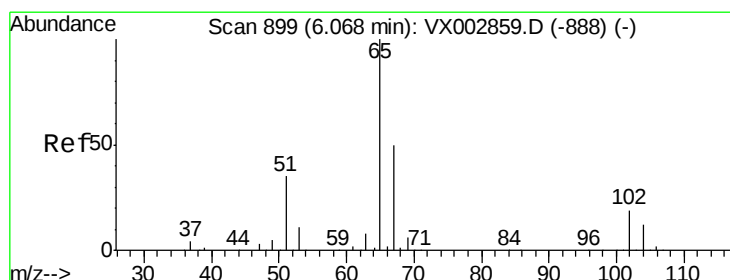
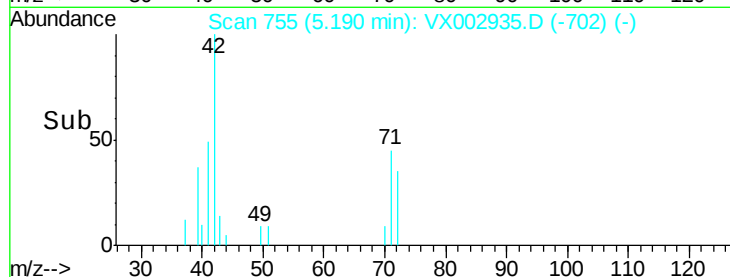
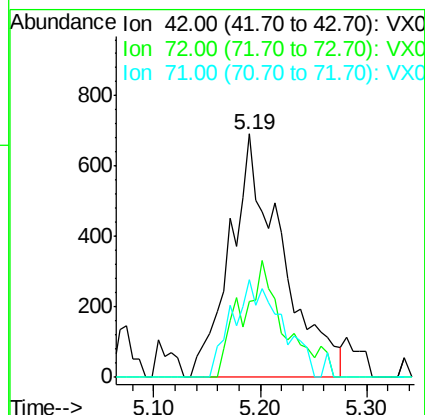
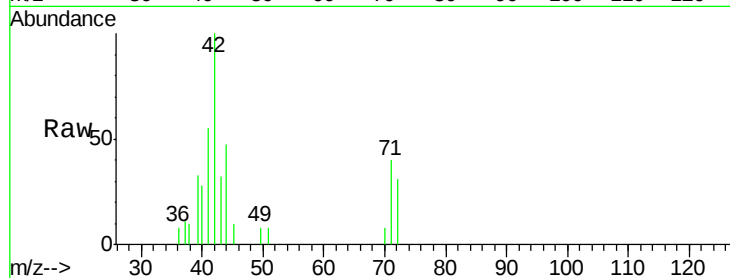
Delta R.T. 0.02 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 9.6   | 32.0  | 48.0# |
| 71      | 38.4  | 30.1  | 45.1  |



#33

1,2-Dichloroethane-d4

Concen: 49.28 ug/l

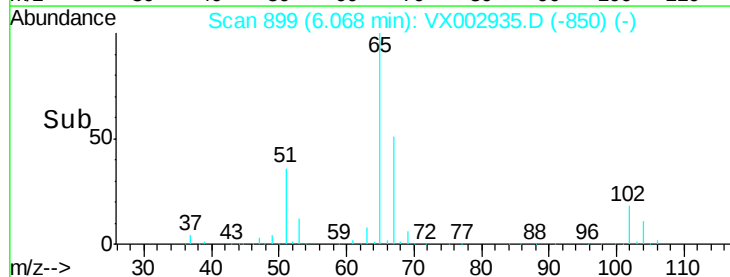
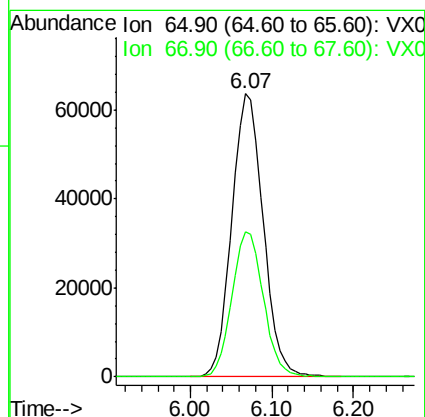
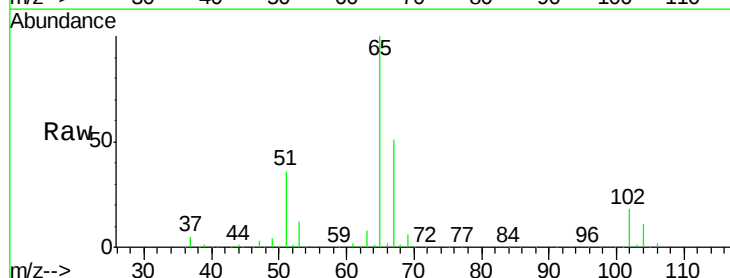
RT: 6.07 min Scan# 899

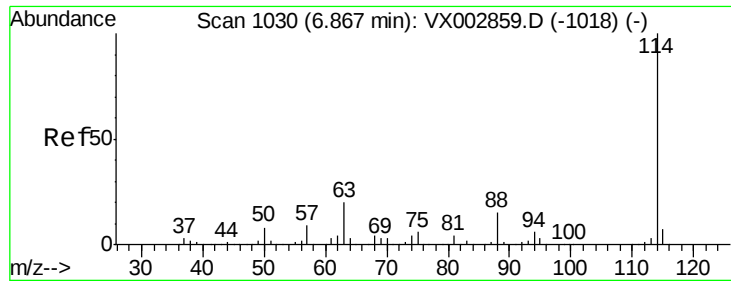
Delta R.T. 0.00 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 51.3  | 0.0   | 102.6 |

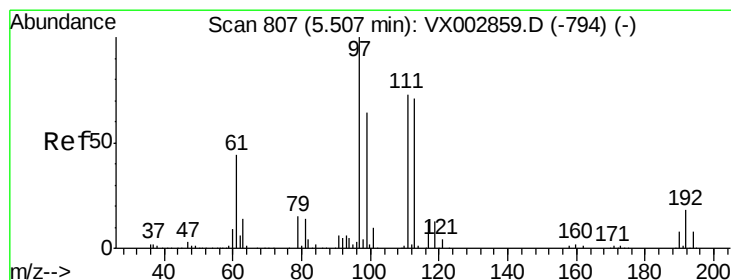
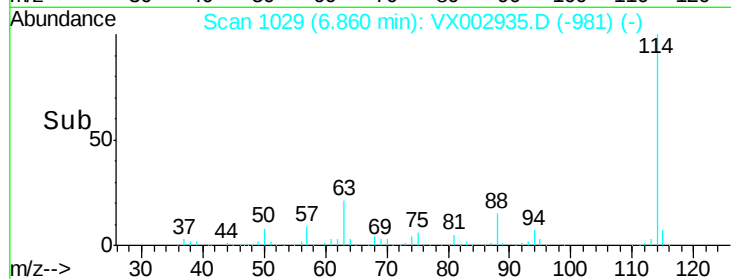
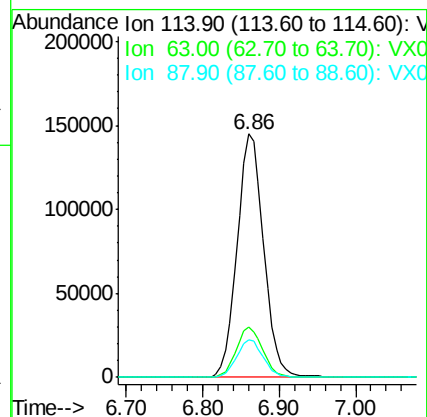
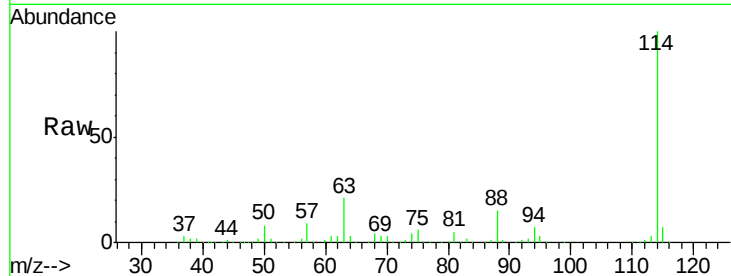




#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.86 min Scan# 1029  
 Delta R.T. -0.01 min  
 Lab File: VX002935.D  
 Acq: 27 Jun 2018 14:44

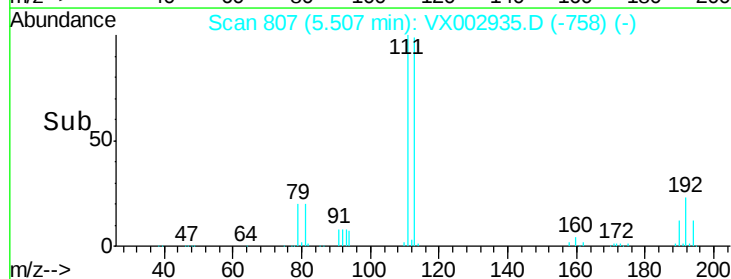
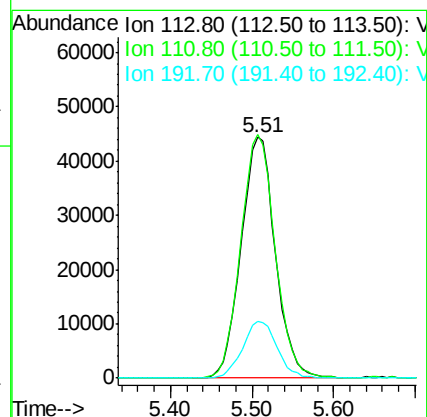
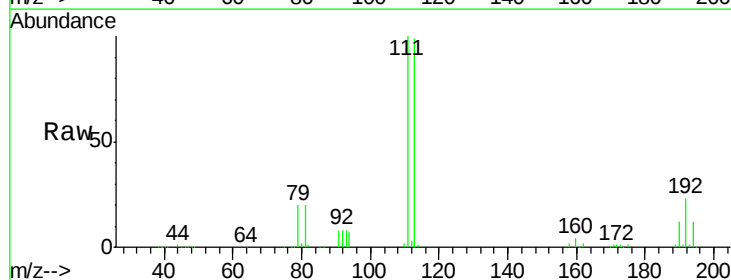
Instrument :  
 MSVOA\_X  
 ClientSampleId :

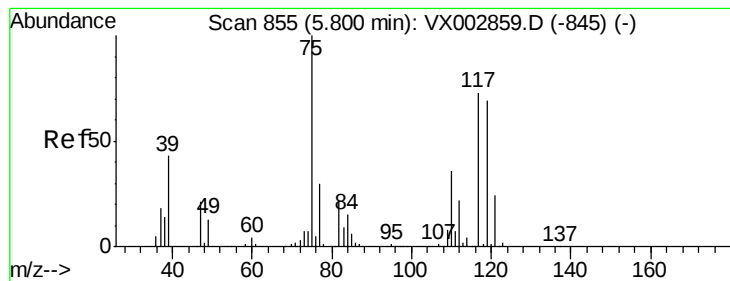
Tot Ion:114 Resp: 348247  
 Ion Ratio Lower Upper  
 114 100  
 63 20.7 0.0 41.4  
 88 15.5 0.0 30.0



#35  
 Dibromofluoromethane  
 Concen: 46.74 ug/l  
 RT: 5.51 min Scan# 807  
 Delta R.T. -0.00 min  
 Lab File: VX002935.D  
 Acq: 27 Jun 2018 14:44

Tgt Ion:113 Resp: 128898  
 Ion Ratio Lower Upper  
 113 100  
 111 102.0 81.4 122.0  
 192 23.9 19.1 28.7





#36

1,1-Dichloropropene

Concen: 4.44 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.14 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

Instrument :  
MSVOA\_X  
ClientSampleId :

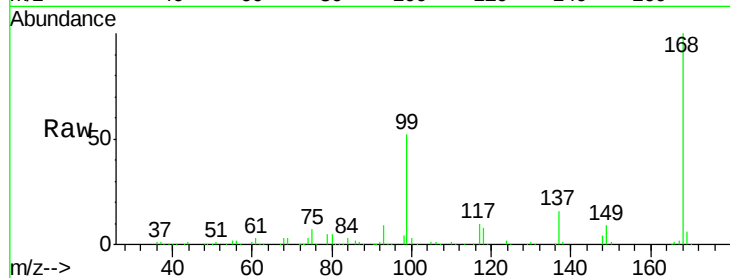
Tot Ion: 75 Resp: 16974

Ion Ratio Lower Upper

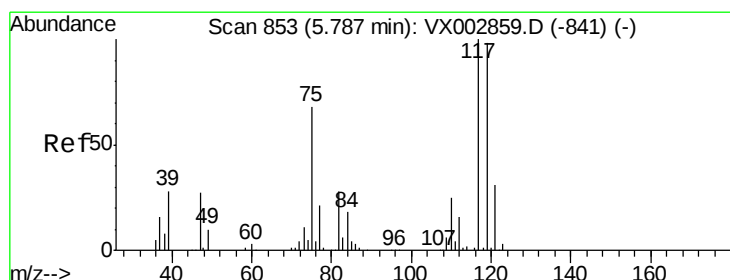
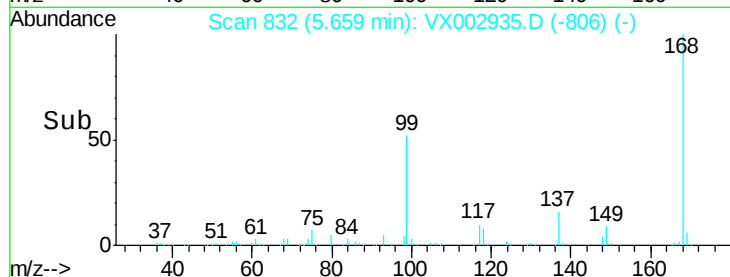
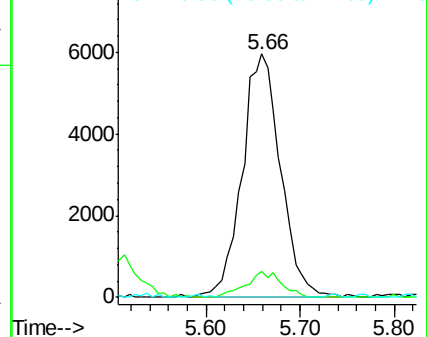
75 100

110 9.8 18.1 54.4#

77 0.0 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



#38

Carbon Tetrachloride

Concen: 5.40 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.13 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

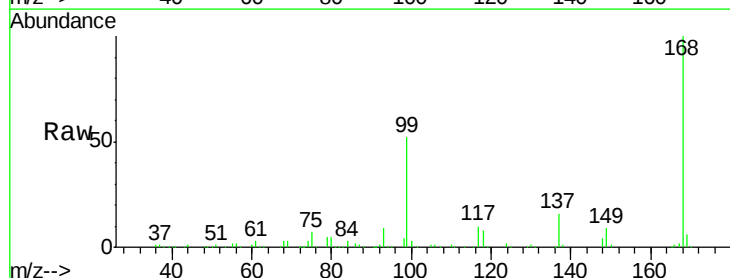
Tgt Ion: 117 Resp: 22651

Ion Ratio Lower Upper

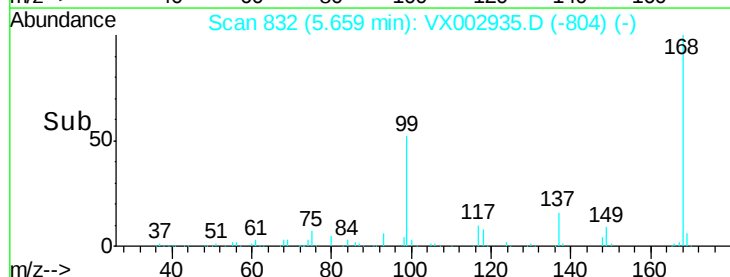
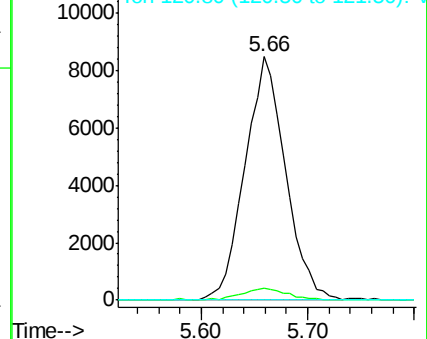
117 100

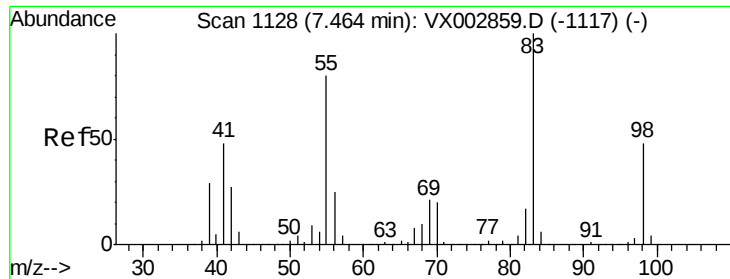
119 4.8 77.4 116.0#

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

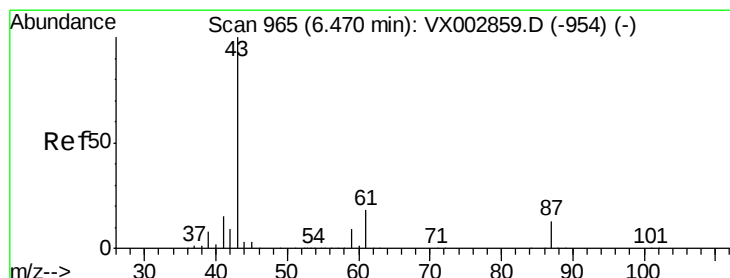
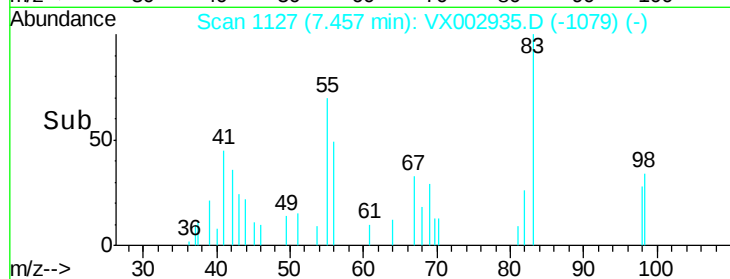
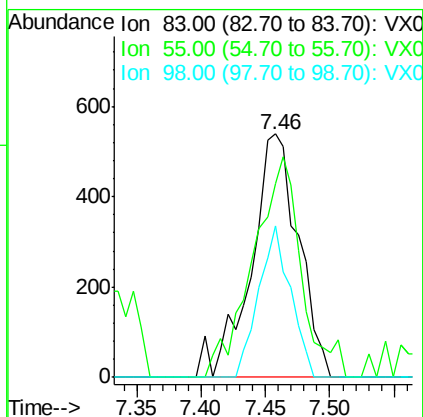
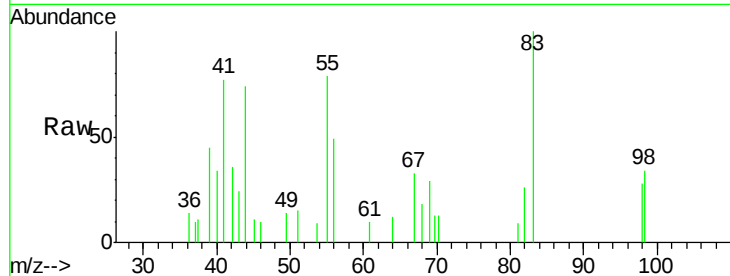




#39  
Methylcyclohexane  
Concen: 0.31 ug/l  
RT: 7.46 min Scan# 1127  
Delta R.T. -0.01 min  
Lab File: VX002935.D  
Acq: 27 Jun 2018 14:44

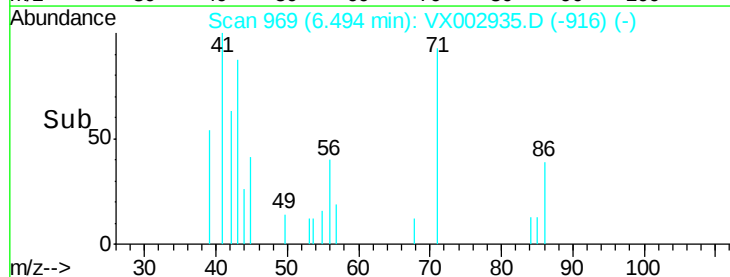
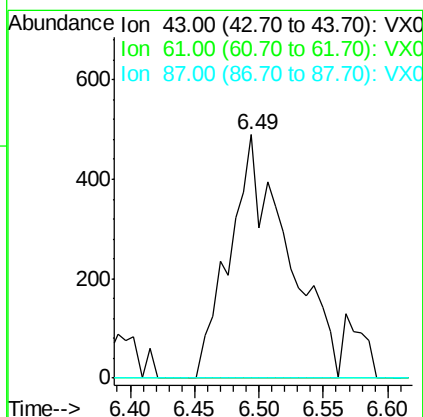
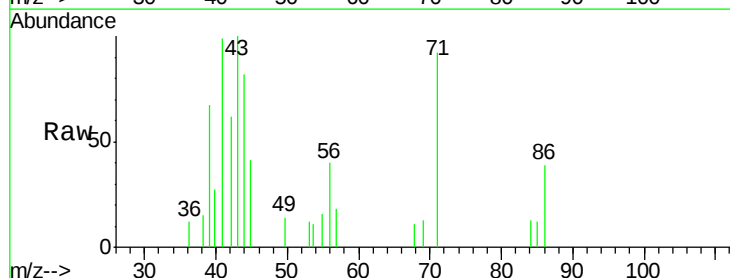
Instrument :  
MSVOA\_X  
ClientSampled :

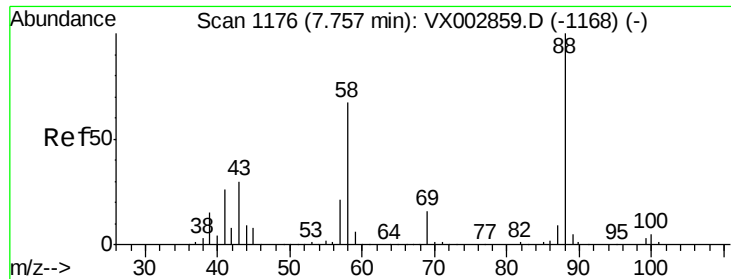
Tot Ion: 83 Resp: 1375  
Ion Ratio Lower Upper  
83 100  
55 79.4 65.4 98.0  
98 62.2 37.4 56.0#



#43  
Isopropyl Acetate  
Concen: 0.22 ug/l  
RT: 6.49 min Scan# 969  
Delta R.T. 0.02 min  
Lab File: VX002935.D  
Acq: 27 Jun 2018 14:44

Tgt Ion: 43 Resp: 1523  
Ion Ratio Lower Upper  
43 100  
61 0.0 14.4 21.6#  
87 0.0 9.5 14.3#

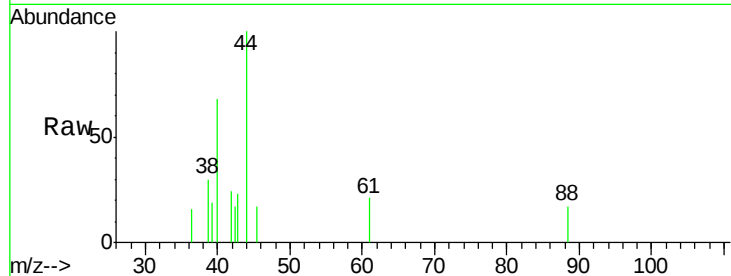




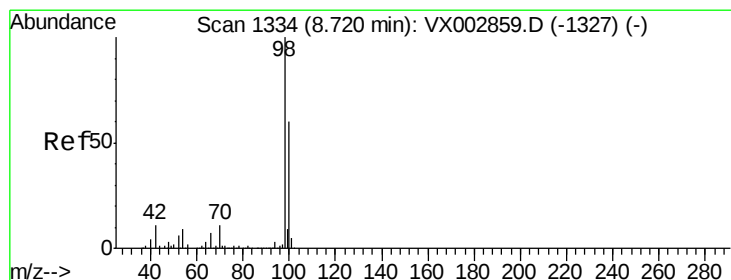
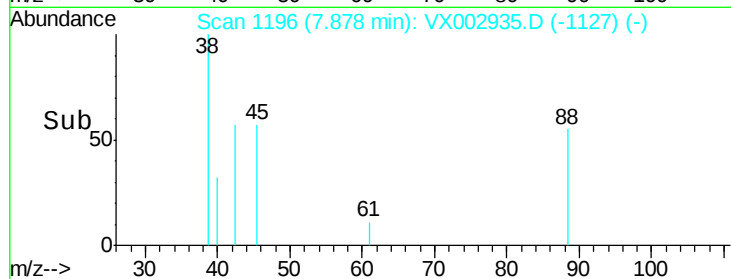
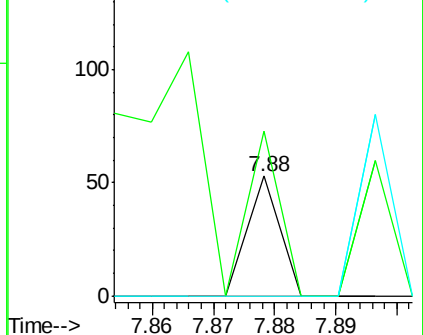
#49  
1,4-Dioxane  
Concen: 0.27 ug/l  
RT: 7.88 min Scan# 1196  
Delta R.T. 0.12 min  
Lab File: VX002935.D  
Acq: 27 Jun 2018 14:44

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 88 Resp: 19  
Ion Ratio Lower Upper  
88 100  
43 942.1 29.8 44.6#  
58 0.0 57.1 85.7#

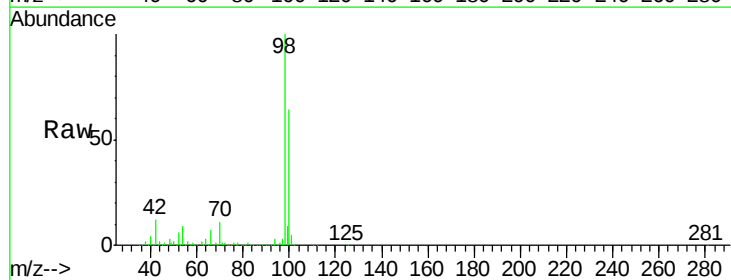


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

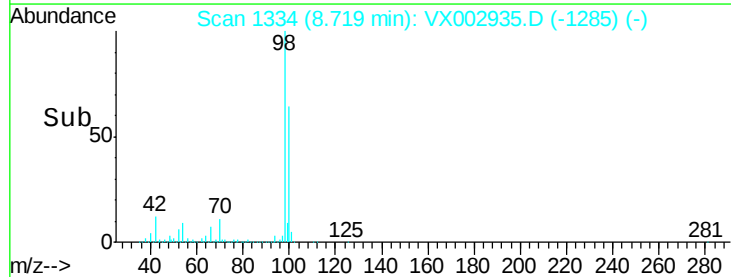
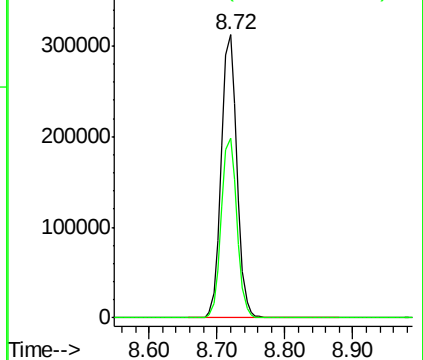


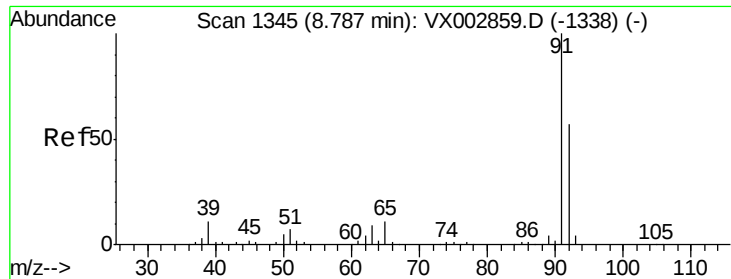
#50  
Toluene-d8  
Concen: 49.46 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. 0.00 min  
Lab File: VX002935.D  
Acq: 27 Jun 2018 14:44

Tgt Ion: 98 Resp: 498068  
Ion Ratio Lower Upper  
98 100  
100 63.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.42 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

Instrument :

MSVOA\_X

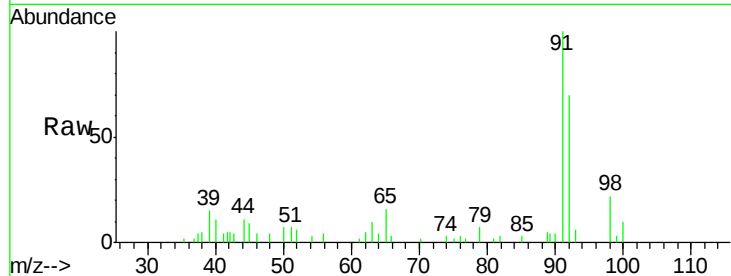
ClientSampleId :

Tot Ion: 92 Resp: 2983

Ion Ratio Lower Upper

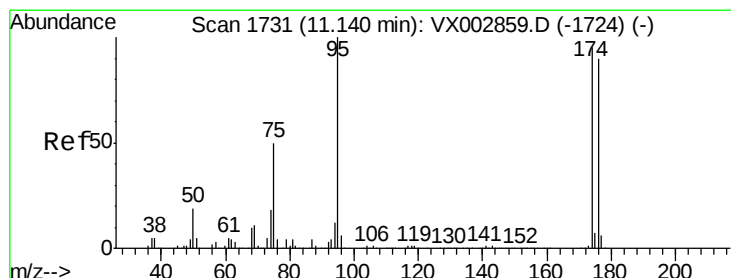
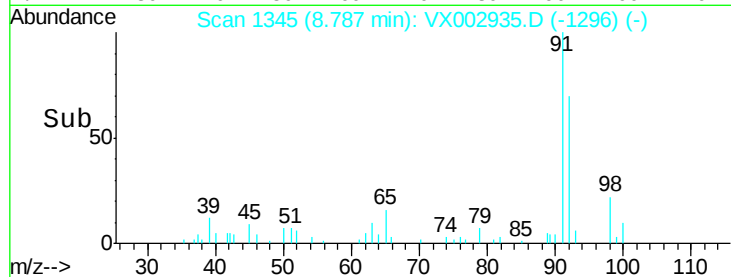
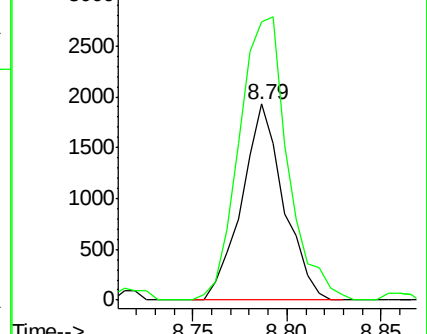
92 100

91 167.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.29 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

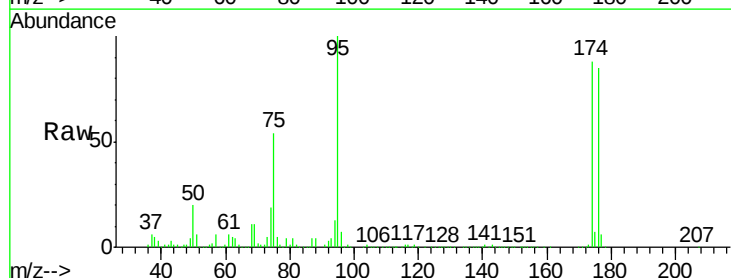
Tgt Ion: 95 Resp: 191450

Ion Ratio Lower Upper

95 100

174 95.3 0.0 187.4

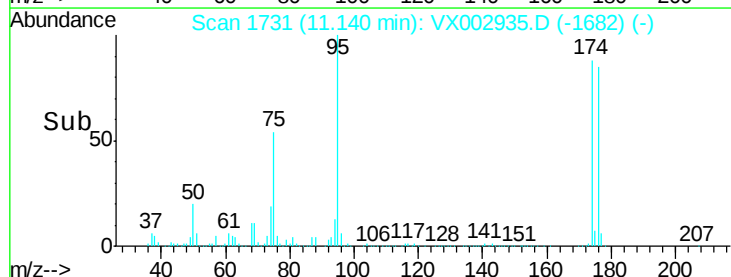
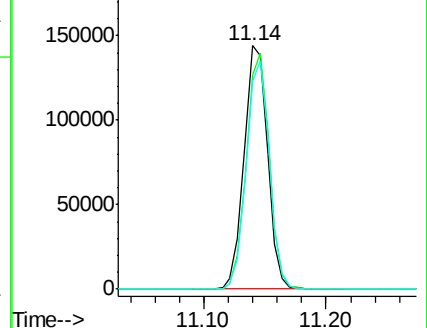
176 92.1 0.0 181.0

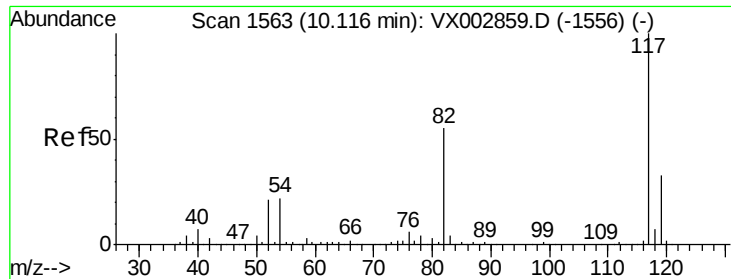


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

Instrument :

MSVOA\_X

ClientSampled :

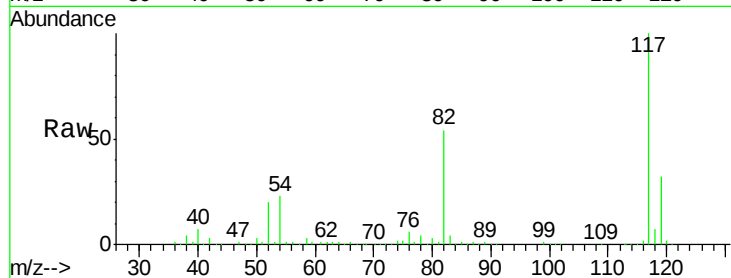
Tot Ion:117 Resp: 335645

Ion Ratio Lower Upper

117 100

82 53.7 45.0 67.4

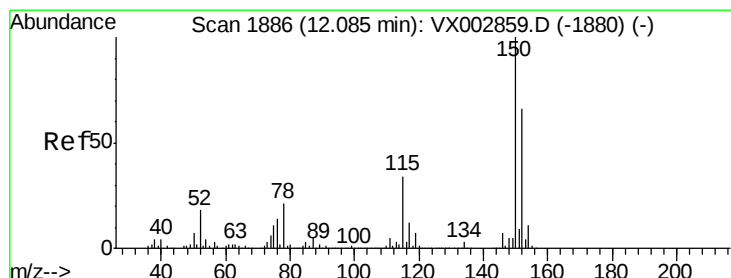
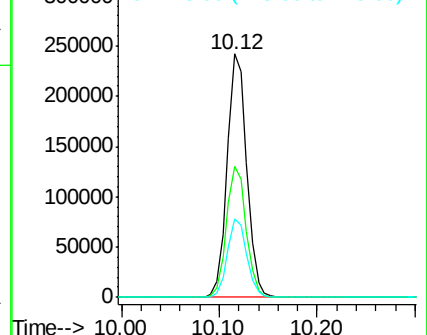
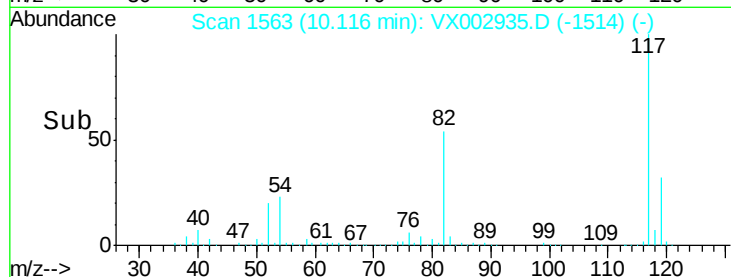
119 32.0 25.8 38.6



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

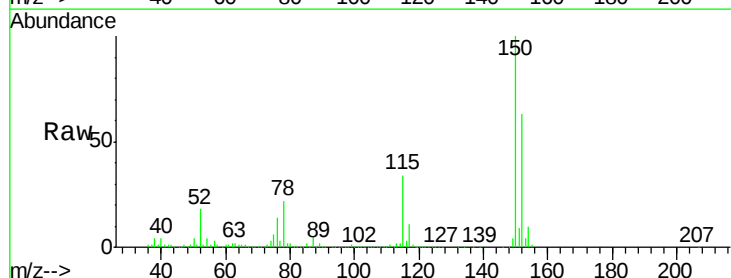
Tgt Ion:152 Resp: 208063

Ion Ratio Lower Upper

152 100

115 55.0 40.1 120.2

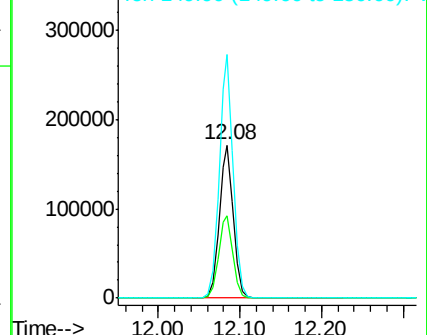
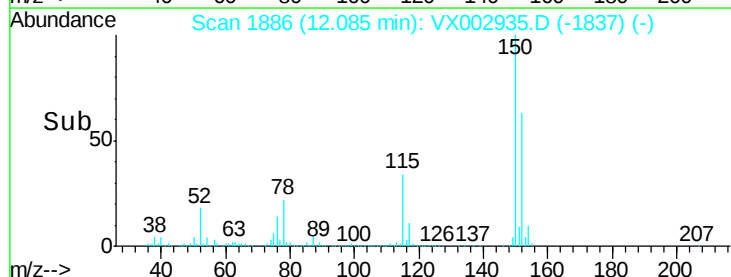
150 157.4 0.0 347.2

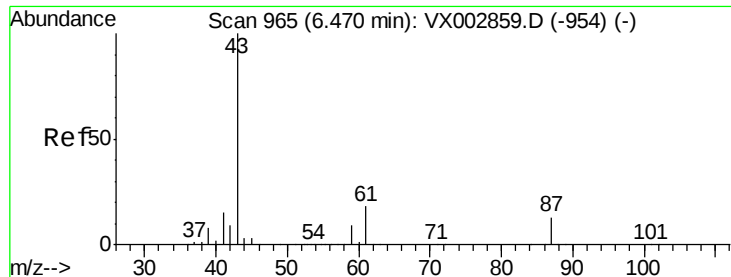


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.22 ug/l

RT: 6.49 min Scan# 969

Delta R.T. 0.02 min

Lab File: VX002935.D

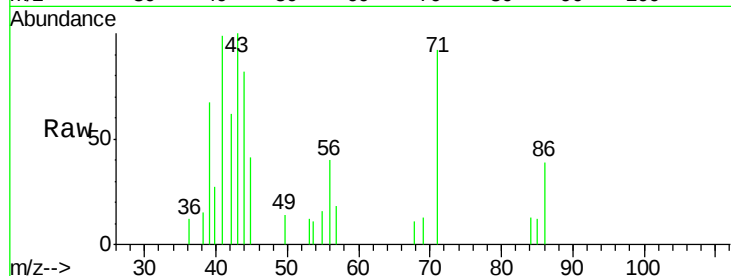
Acq: 27 Jun 2018 14:44

Instrument :

MSVOA\_X

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 1523  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 70       | 0.0   | 0.0   | 0.0   |
| 55       | 0.0   | 0.0   | 0.0   |
| 61       | 0.0   | 14.4  | 21.6# |

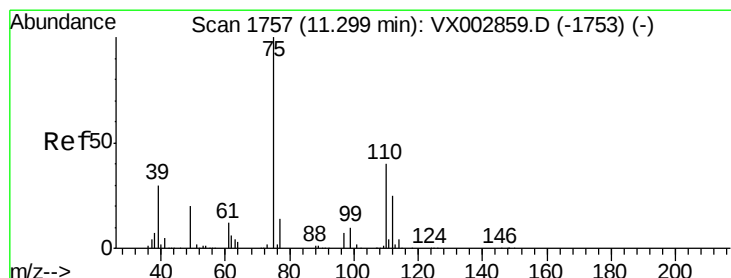
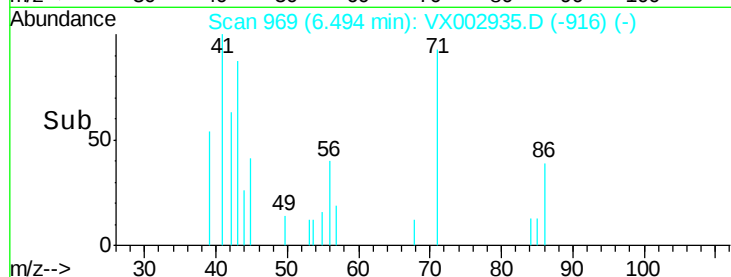
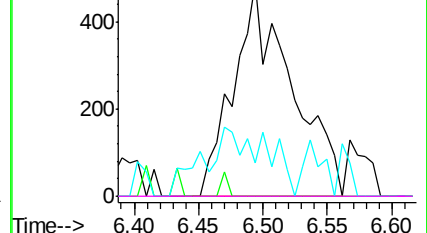


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 26.50 ug/l

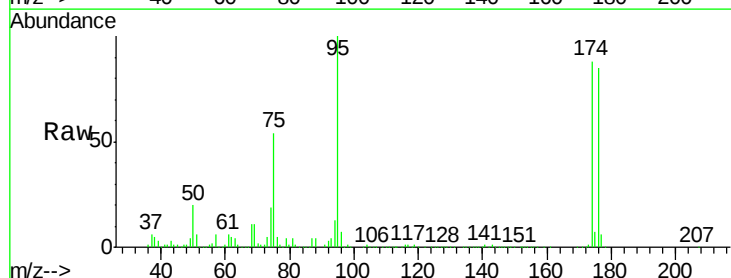
RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002935.D

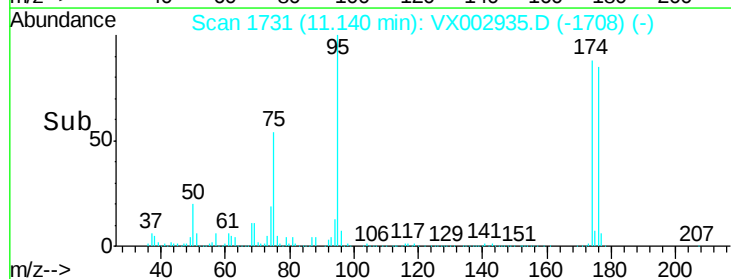
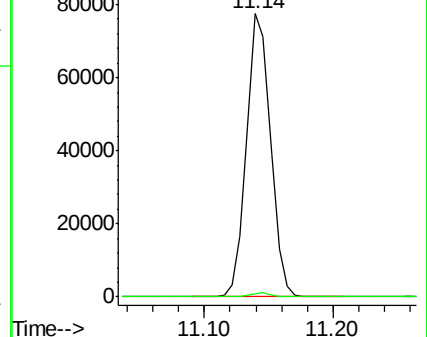
Acq: 27 Jun 2018 14:44

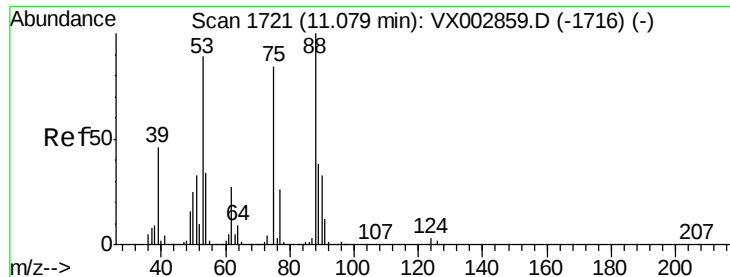
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 99870 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 1.5   | 22.8  | 68.3# |



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: 75.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

Instrument :

MSVOA\_X

ClientSampled :

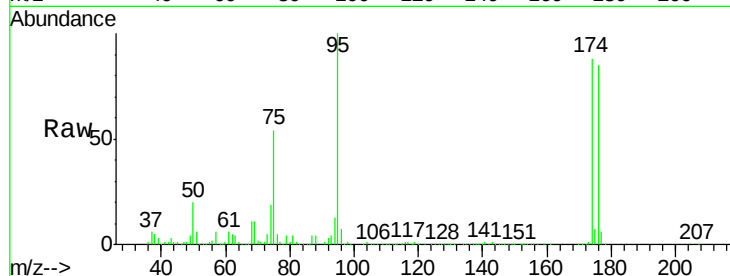
Tot Ion: 75 Resp: 99870

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

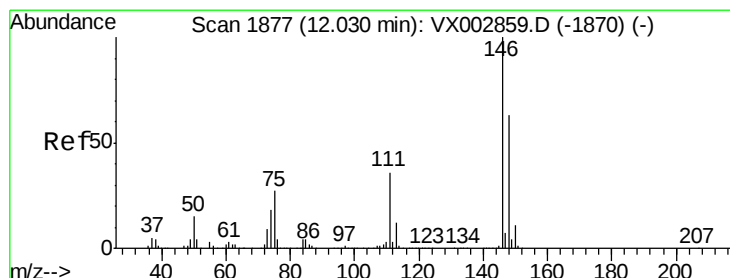
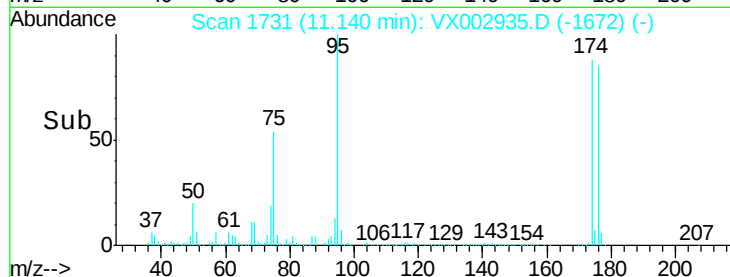
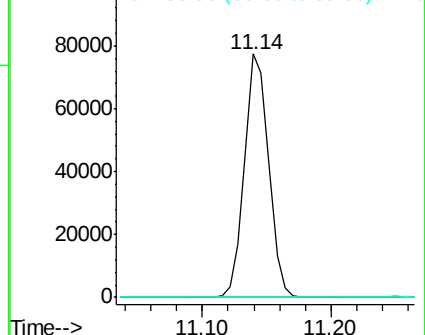
89 0.0 38.2 57.2#



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



#87

1,3-Dichlorobenzene

Concen: 0.22 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

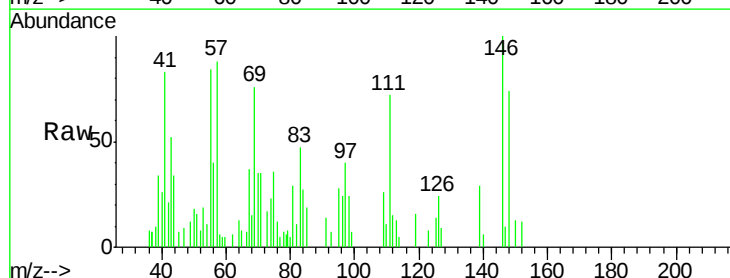
Tgt Ion: 146 Resp: 1611

Ion Ratio Lower Upper

146 100

111 53.9 18.9 56.7

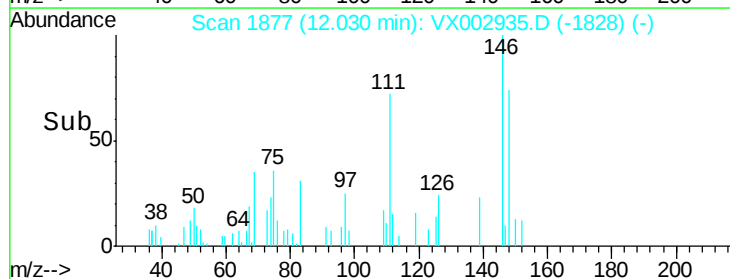
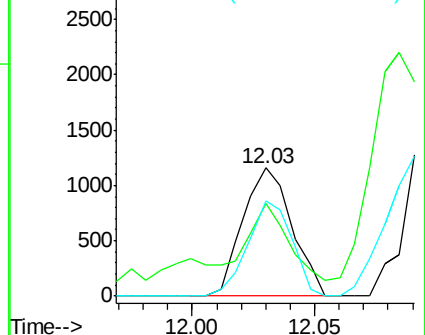
148 67.2 32.1 96.3

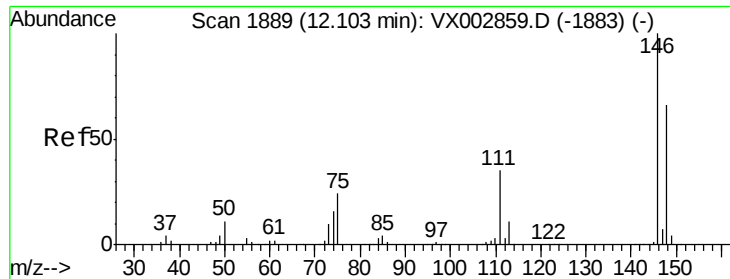


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

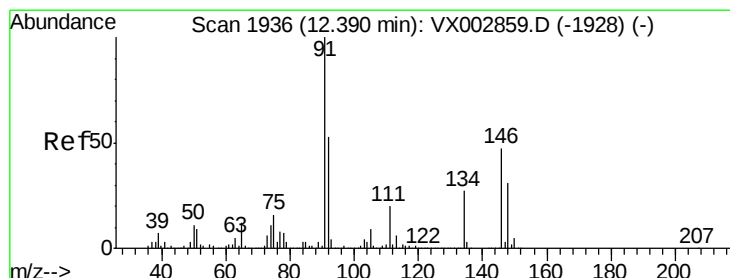
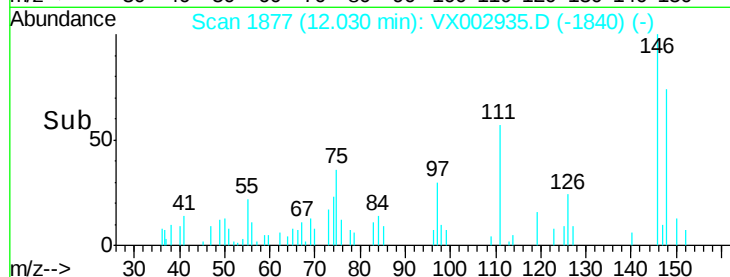
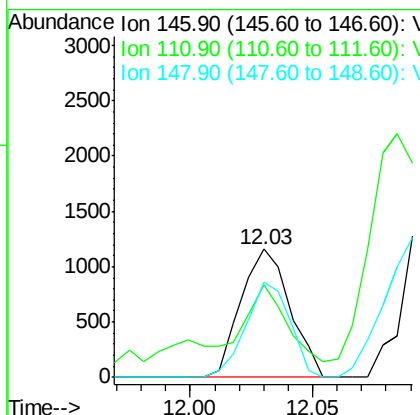
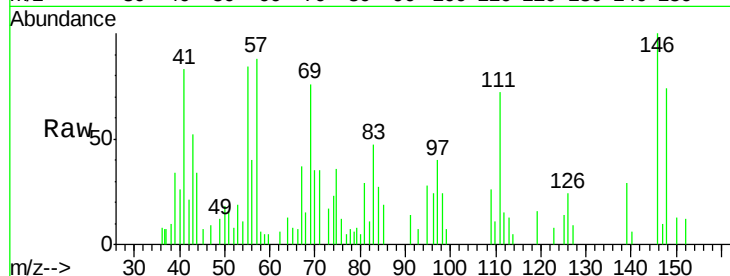




#88  
 1,4-Dichlorobenzene  
 Concen: 0.22 ug/l  
 RT: 12.03 min Scan# 1877  
 Delta R.T. -0.07 min  
 Lab File: VX002935.D  
 Acq: 27 Jun 2018 14:44

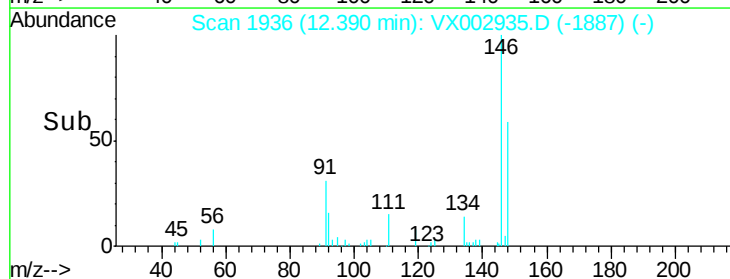
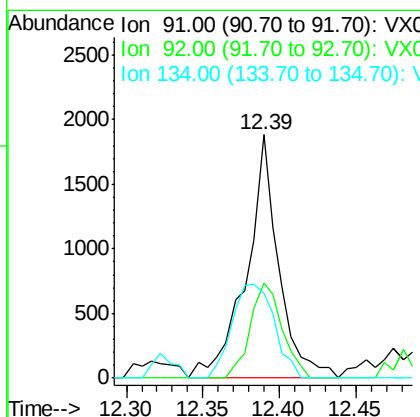
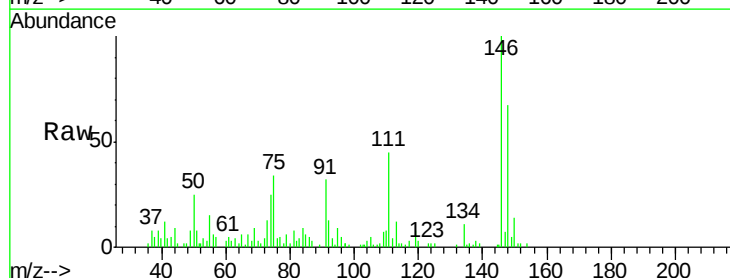
Instrument :  
 MSVOA\_X  
 ClientSampled :

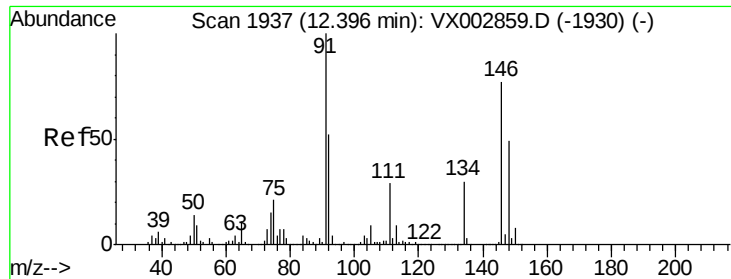
Tot Ion:146 Resp: 1611  
 Ion Ratio Lower Upper  
 146 100  
 111 53.9 18.7 56.1  
 148 67.2 32.4 97.0



#89  
 n-Butylbenzene  
 Concen: 0.25 ug/l  
 RT: 12.39 min Scan# 1936  
 Delta R.T. -0.00 min  
 Lab File: VX002935.D  
 Acq: 27 Jun 2018 14:44

Tgt Ion: 91 Resp: 2746  
 Ion Ratio Lower Upper  
 91 100  
 92 38.7 26.0 78.0  
 134 50.4 13.5 40.5#





#91

1,2-Dichlorobenzene

Concen: 1.37 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002935.D

Acq: 27 Jun 2018 14:44

Instrument :

MSVOA\_X

ClientSampleId :

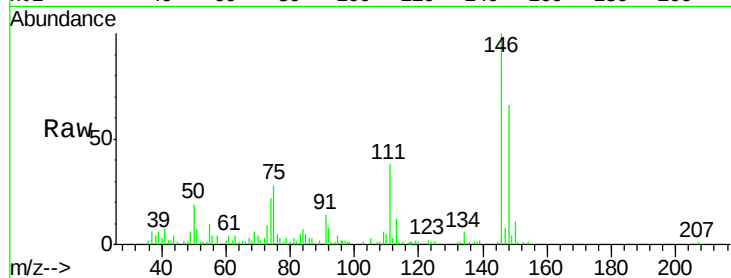
Tot Ion:146 Resp: 10090

Ion Ratio Lower Upper

146 100

111 41.1 19.4 58.1

148 66.4 31.7 95.1



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

