

Data Path : Y:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\  
 Data File : VX002282.D  
 Acq On : 05 Jun 2018 01:52  
 Operator : JC/MD  
 Sample : J3269-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 05 07:22:19 2018  
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 05 03:22:35 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 263498   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 382031   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 353363   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 204268   | 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   | 180918   | 47.87 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.74% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 133266   | 44.36 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 88.72% |          |
| 50) Toluene-d8              | 8.72  | 98   | 551186   | 47.87 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.74% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 196015   | 44.14 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 88.28% |          |

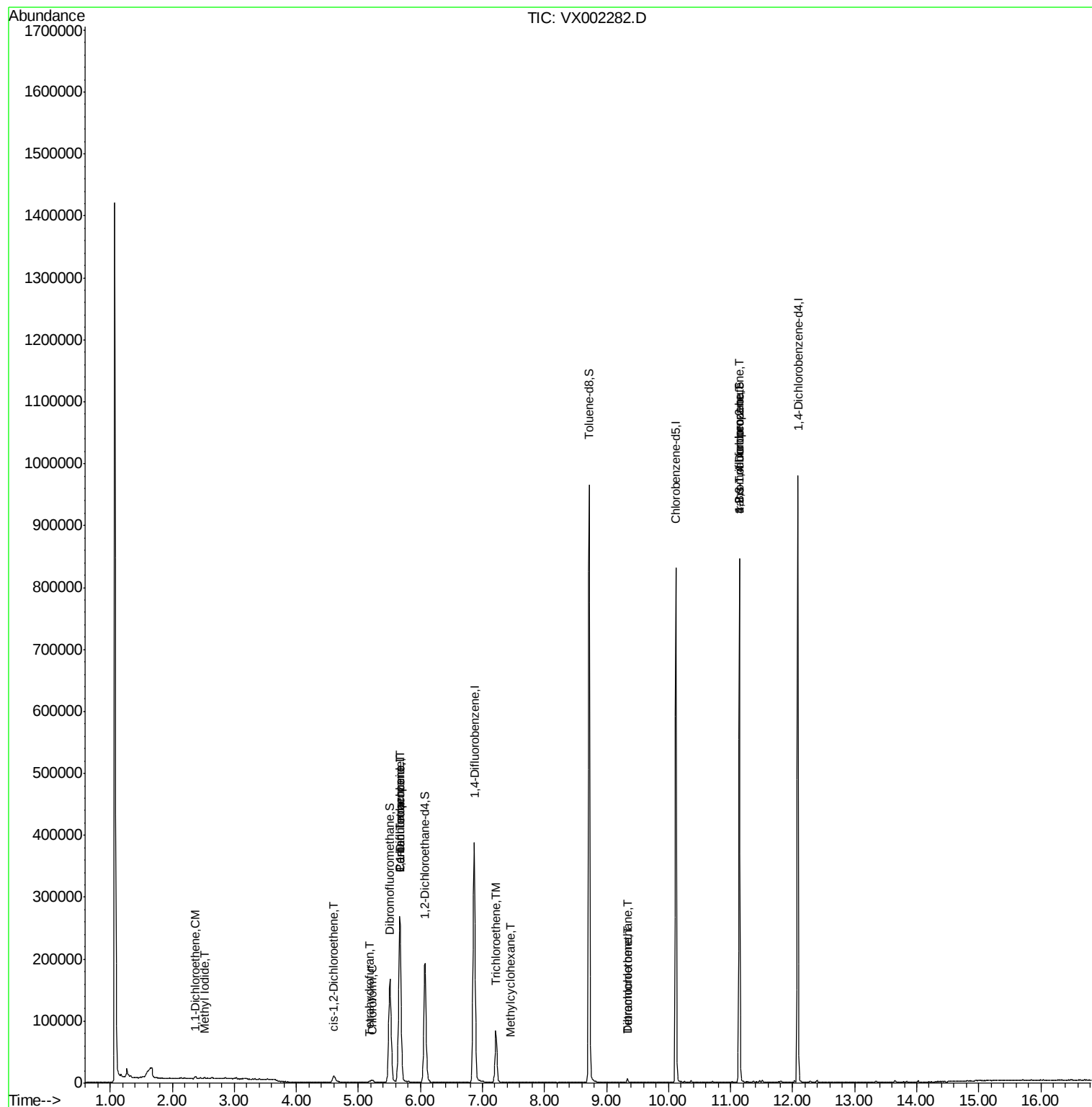
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 3) Chloromethane               | 1.32  | 50   | 1322     | Below Cal |       | 90     |
| 5) Bromomethane                | 1.64  | 94   | 1579     | Below Cal |       | 99     |
| 8) Diethyl Ether               | 2.18  | 74   | 44       | Below Cal | #     | 1      |
| 10) Methyl Iodide              | 2.52  | 142  | 1630     | 0.41      | ug/l  | # 94   |
| 11) Tert butyl alcohol         | 3.02  | 59   | 1154     | Below Cal | #     | 73     |
| 12) 1,1-Dichloroethene         | 2.37  | 96   | 989      | 0.35      | ug/l  | 87     |
| 13) Acrolein                   | 2.29  | 56   | 135      | Below Cal | #     | 40     |
| 15) Acrylonitrile              | 3.16  | 53   | 302      | Below Cal | #     | 88     |
| 16) Acetone                    | 2.45  | 43   | 1938     | Below Cal |       | 93     |
| 18) Methyl Acetate             | 2.78  | 43   | 164      | Below Cal | #     | 31     |
| 19) Methyl tert-butyl Ether    | 3.20  | 73   | 157      | Below Cal | #     | 66     |
| 20) Methylene Chloride         | 2.86  | 84   | 1036     | Below Cal | #     | 96     |
| 22) Diisopropyl ether          | 3.88  | 45   | 99       | Below Cal | #     | 67     |
| 27) cis-1,2-Dichloroethene     | 4.60  | 96   | 4868     | 1.45      | ug/l  | 13     |
| 28) Bromochloromethane         | 5.03  | 49   | 29       | Below Cal | #     | 13     |
| 29) Tetrahydrofuran            | 5.18  | 42   | 1532     | 0.92      | ug/l  | 93     |
| 30) Chloroform                 | 5.23  | 83   | 3407     | 0.59      | ug/l  | 98     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 18845    | 4.69      | ug/l  | # 50   |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 25013    | 5.95      | ug/l  | # 16   |
| 39) Methylcyclohexane          | 7.46  | 83   | 288      | 0.32      | ug/l  | # 83   |
| 44) Trichloroethene            | 7.21  | 130  | 32181    | 9.42      | ug/l  | 96     |
| 60) Dibromochloromethane       | 9.34  | 129  | 1058     | 0.33      | ug/l  | # 11   |
| 64) Tetrachloroethene          | 9.34  | 164  | 1120     | 0.31      | ug/l  | 91     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 106195   | 23.69     | ug/l  | # 33   |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 106195   | 83.05     | ug/l  | # 6    |

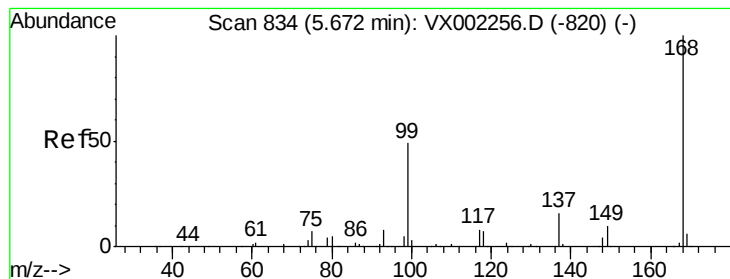
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Jun 05 07:22:19 2018  
Quant Method : Y:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X060418W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 05 03:22:35 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

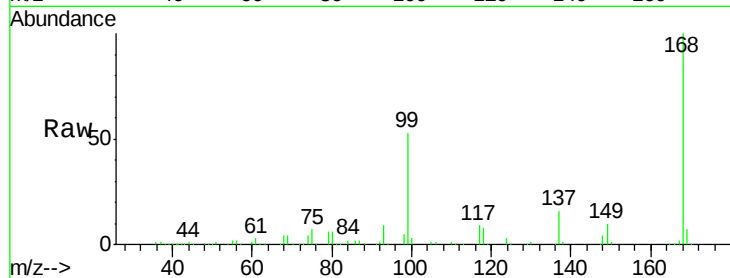
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion:168 Resp: 263498

Ion Ratio Lower Upper

168 100

99 52.9 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

100000

80000

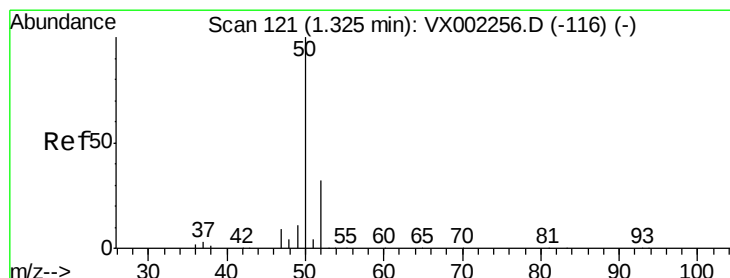
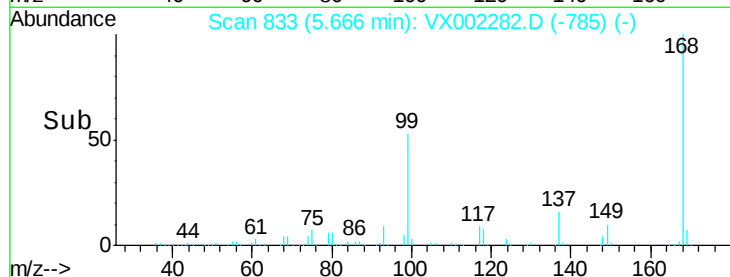
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002282.D

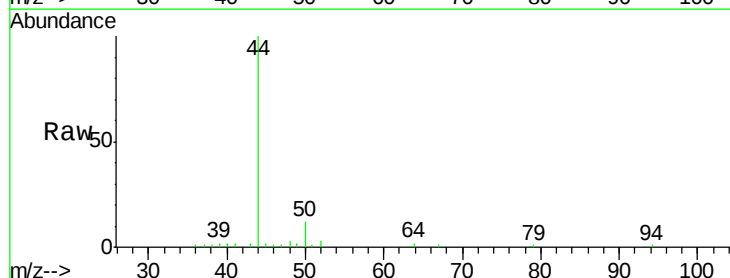
Acq: 05 Jun 2018 01:52

Tgt Ion: 50 Resp: 1322

Ion Ratio Lower Upper

50 100

52 26.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1200

1000

800

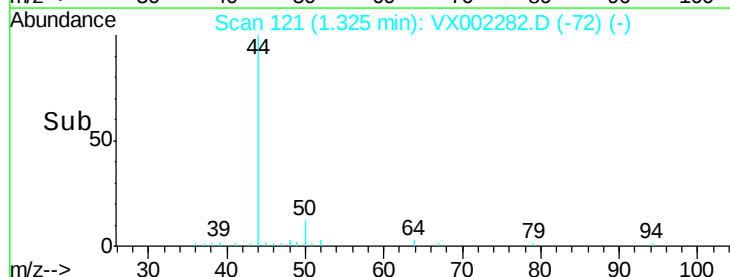
600

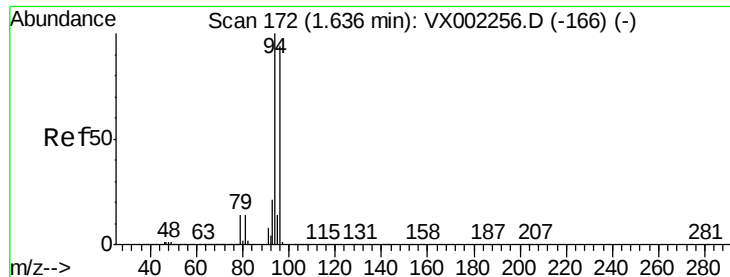
400

200

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

Instrument :

MSVOA\_X

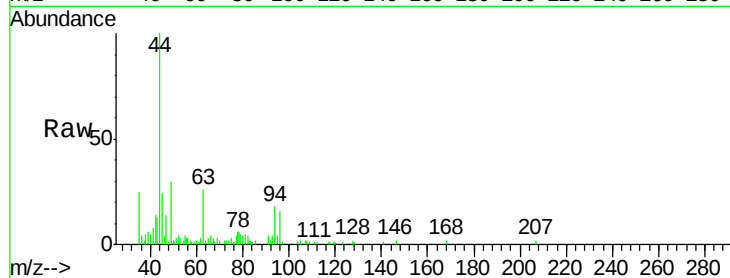
ClientSampled :

Tot Ion: 94 Resp: 1579

Ion Ratio Lower Upper

94 100

96 94.8 74.9 112.3

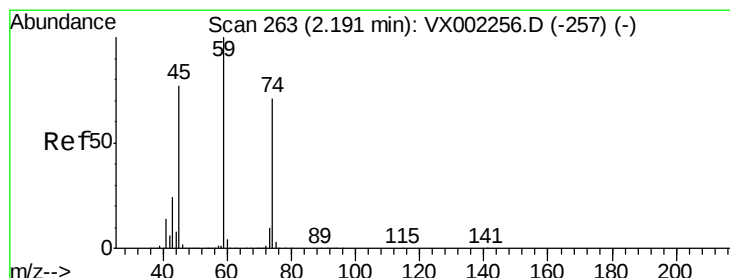
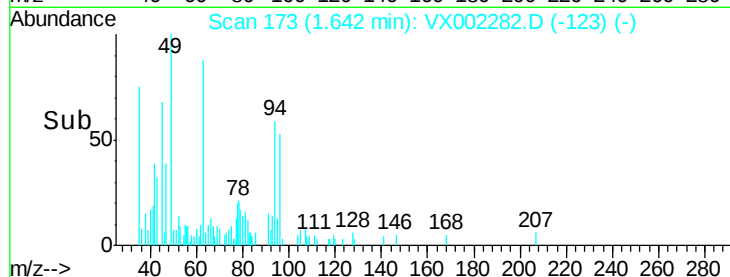


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

Time-->



#8

Diethyl Ether

Concen: Below Cal

RT: 2.18 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX002282.D

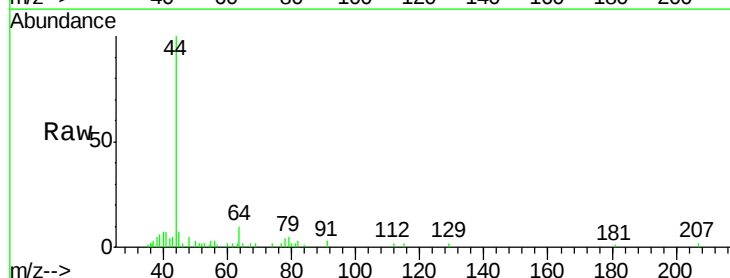
Acq: 05 Jun 2018 01:52

Tgt Ion: 74 Resp: 44

Ion Ratio Lower Upper

74 100

45 215.9 53.1 159.4#

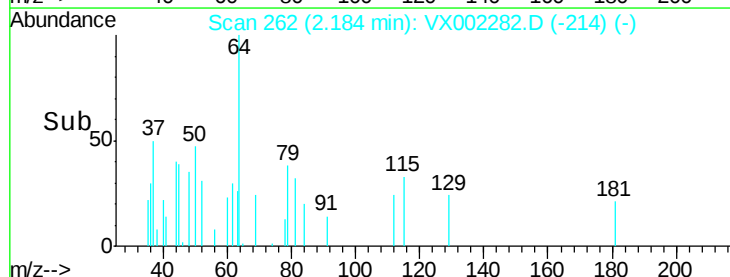


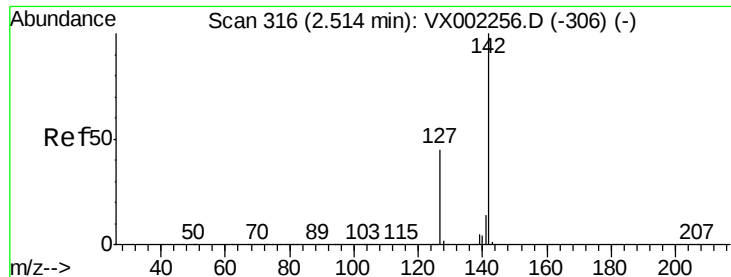
Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.18

Time-->

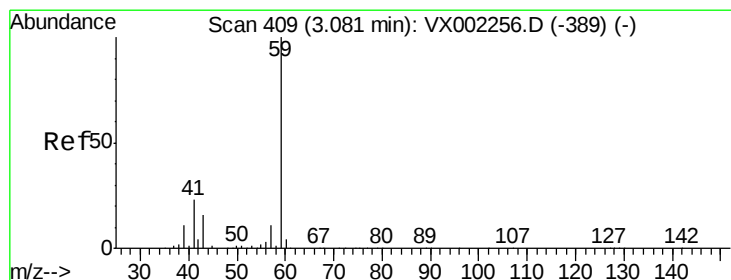
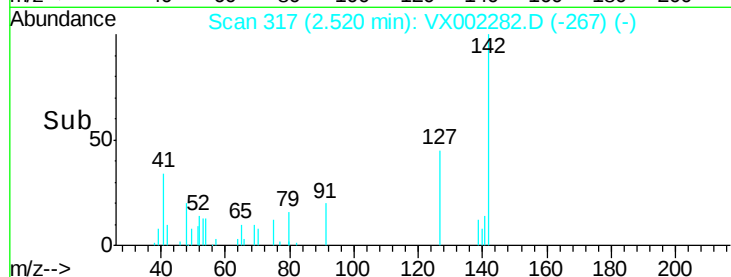
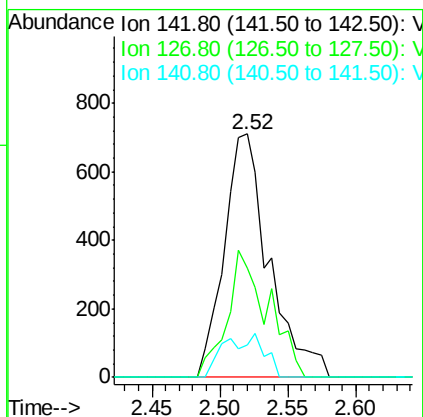
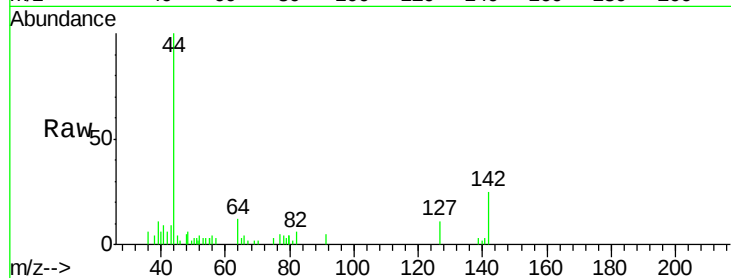




#10  
Methvl Iodide  
Concen: 0.41 ua/l  
RT: 2.52 min Scan# 317  
Delta R.T. 0.01 min  
Lab File: VX002282.D  
Acq: 05 Jun 2018 01:52

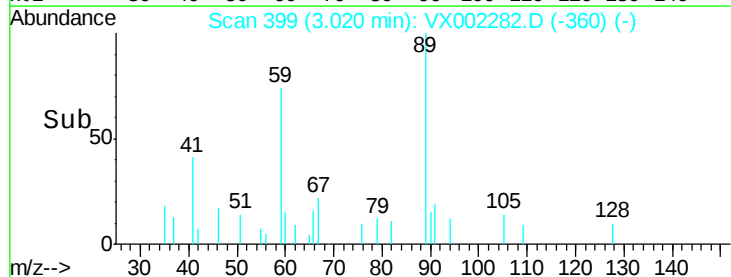
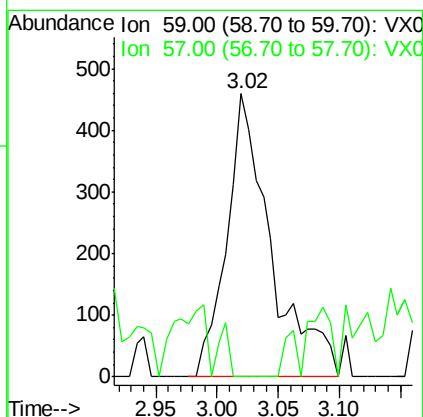
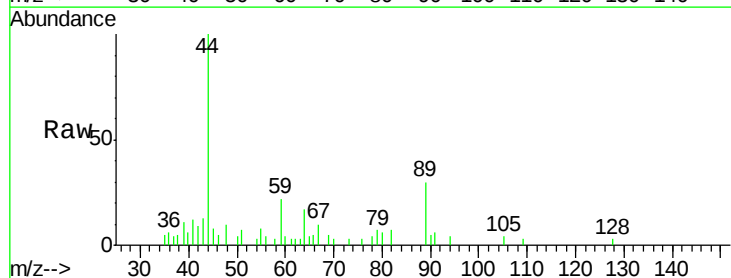
Instrument :  
MSVOA\_X  
ClientSampleId :

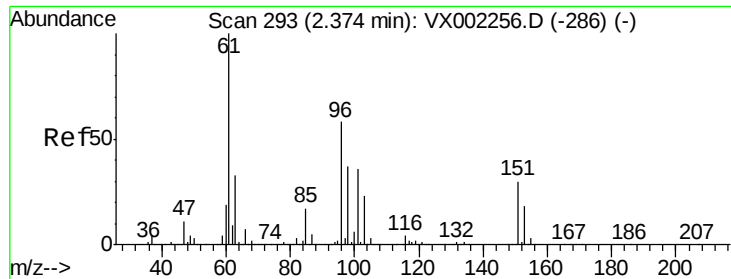
Tot Ion:142 Resp: 1630  
Ion Ratio Lower Upper  
142 100  
127 47.7 36.6 55.0  
141 7.8 11.3 16.9#



#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 3.02 min Scan# 399  
Delta R.T. -0.06 min  
Lab File: VX002282.D  
Acq: 05 Jun 2018 01:52

Tgt Ion: 59 Resp: 1154  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.2#





#12

1,1-Dichloroethene

Concen: 0.35 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.01 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

Instrument :

MSVOA\_X

ClientSampleId :

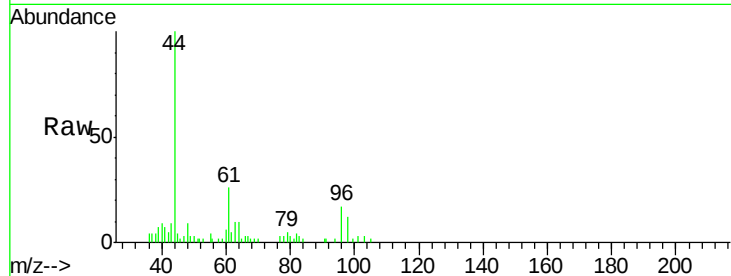
Tot Ion: 96 Resp: 989

Ion Ratio Lower Upper

96 100

61 153.6 137.9 206.9

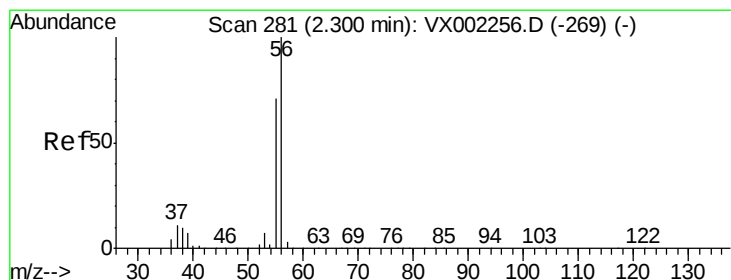
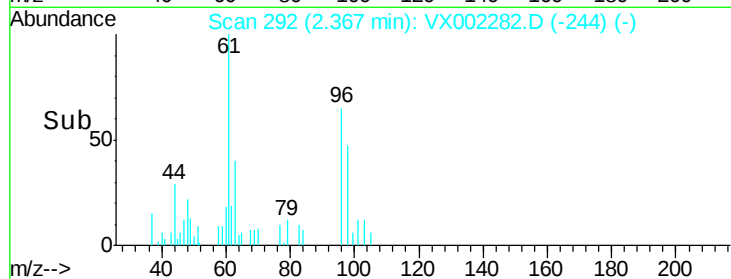
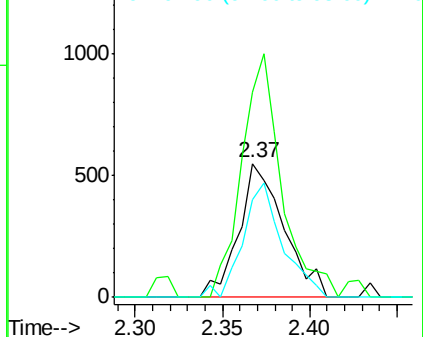
98 72.9 51.6 77.4



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



#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002282.D

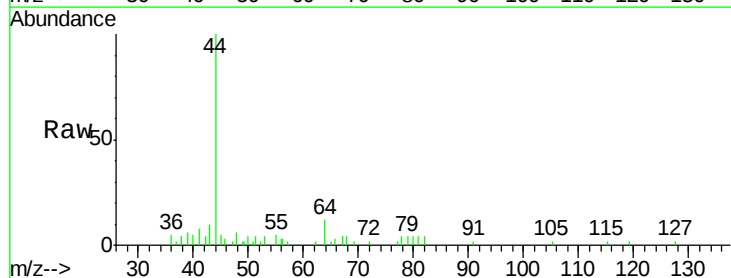
Acq: 05 Jun 2018 01:52

Tgt Ion: 56 Resp: 135

Ion Ratio Lower Upper

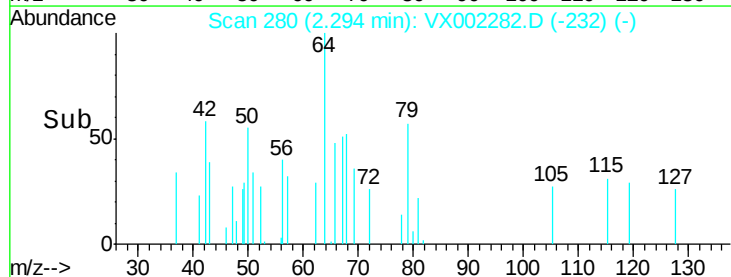
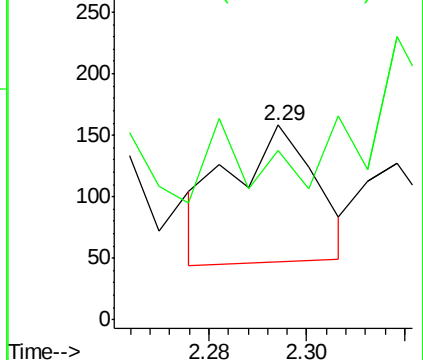
56 100

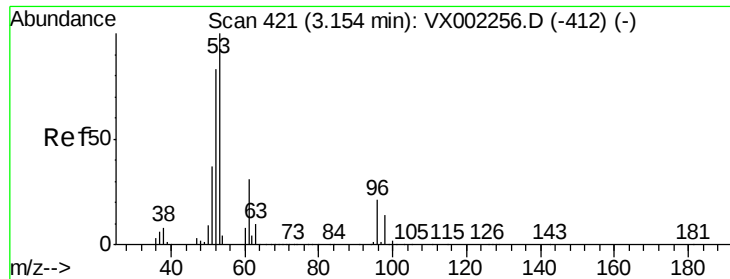
55 21.5 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: Below Cal

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

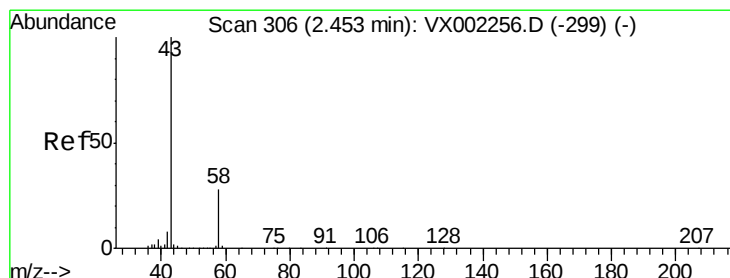
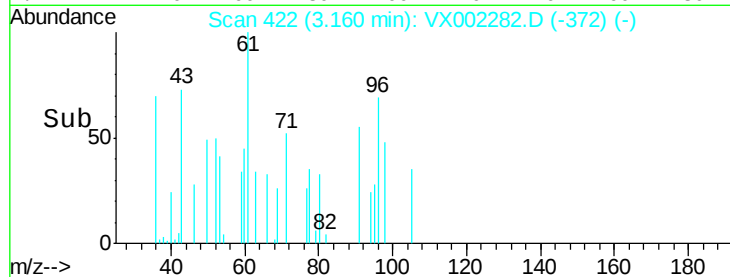
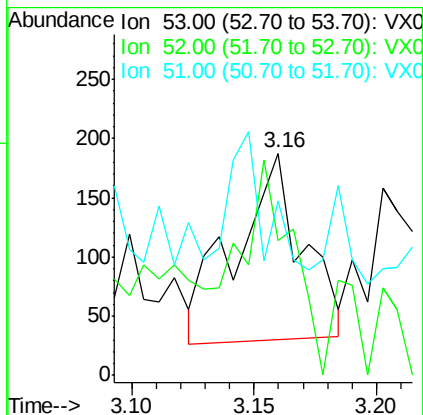
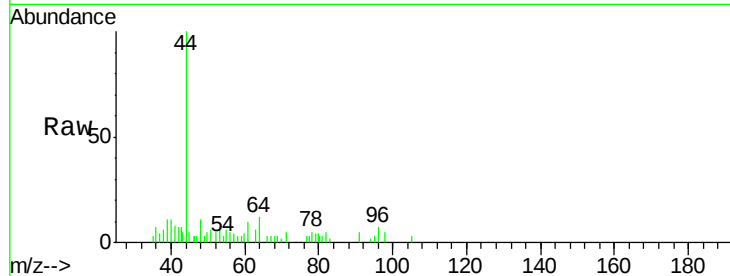
Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 53 Resp: 302

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 92.7  | 66.7  | 100.1 |
| 51  | 47.0  | 29.9  | 44.9# |



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 306

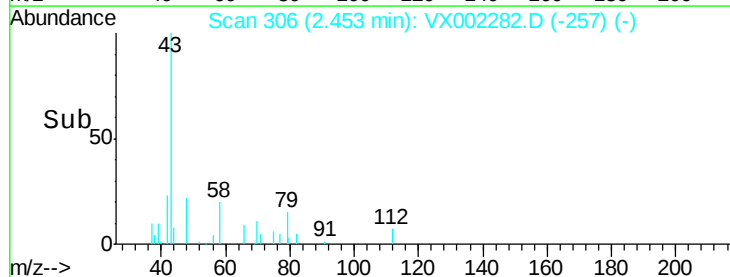
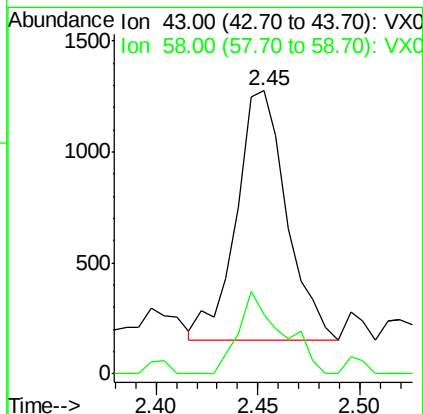
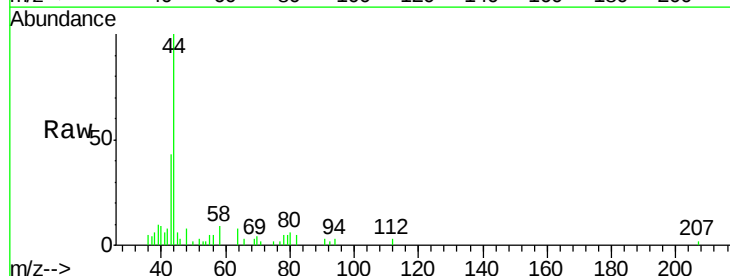
Delta R.T. 0.00 min

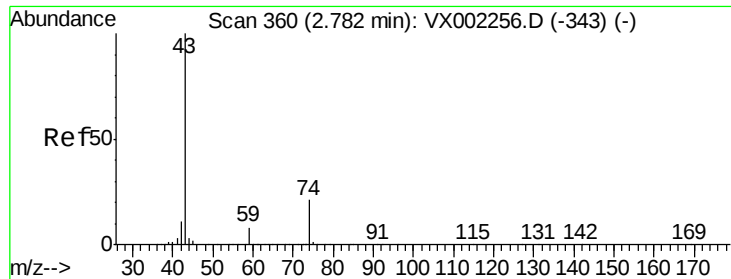
Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

Tgt Ion: 43 Resp: 1938

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 23.8  | 22.1  | 33.1  |

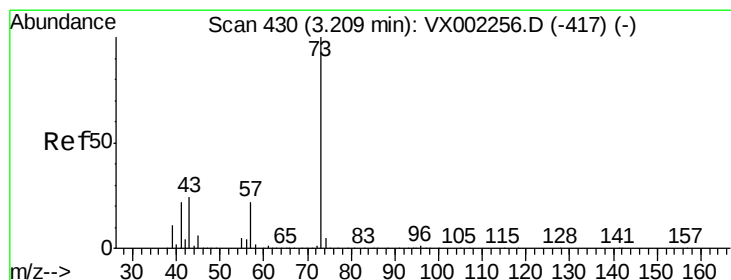
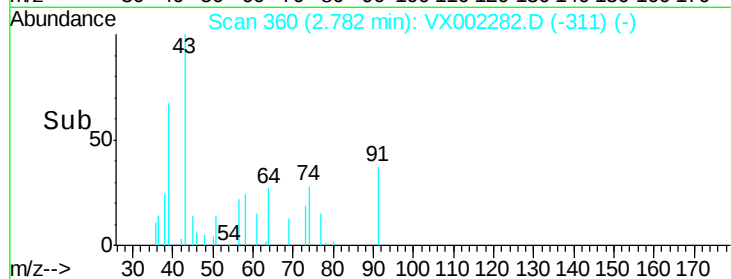
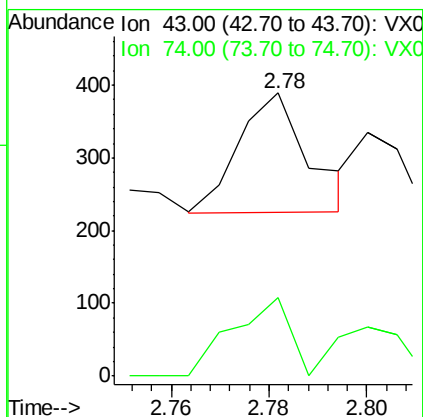
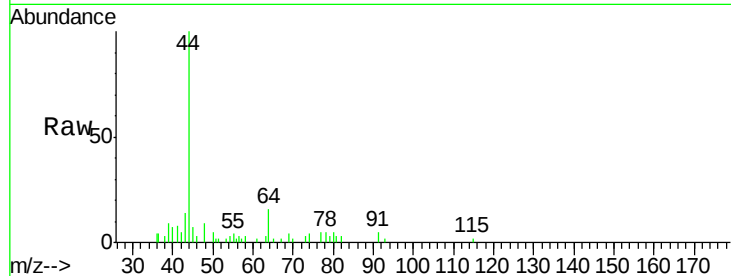




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 2.78 min Scan# 360  
Delta R.T. -0.00 min  
Lab File: VX002282.D  
Acq: 05 Jun 2018 01:52

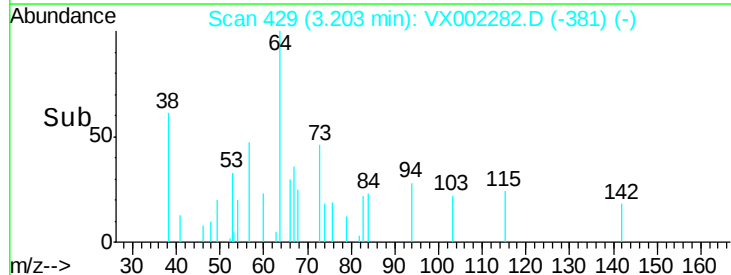
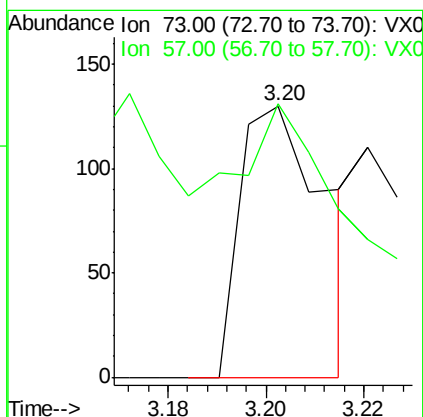
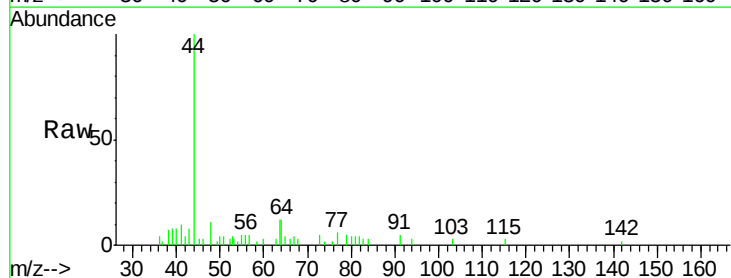
Instrument :  
MSVOA\_X  
ClientSampleId :

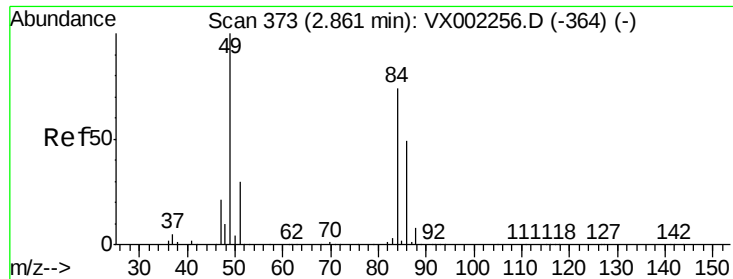
Tot Ion: 43 Resp: 164  
Ion Ratio Lower Upper  
43 100  
74 53.0 16.7 25.1#



#19  
Methyl tert-butyl Ether  
Concen: Below Cal  
RT: 3.20 min Scan# 429  
Delta R.T. -0.01 min  
Lab File: VX002282.D  
Acq: 05 Jun 2018 01:52

Tgt Ion: 73 Resp: 157  
Ion Ratio Lower Upper  
73 100  
57 38.5 17.7 26.5#

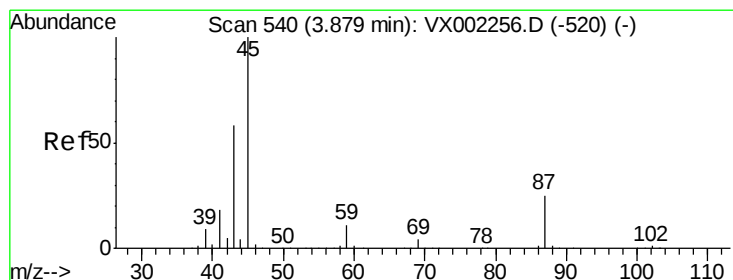
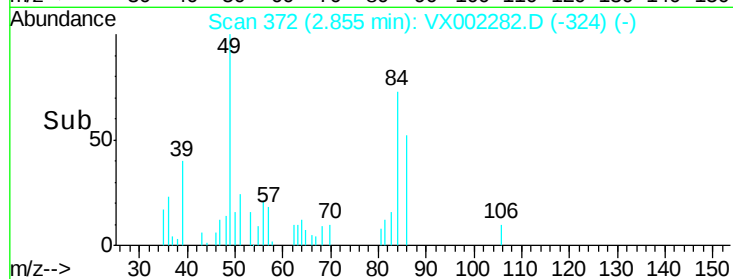
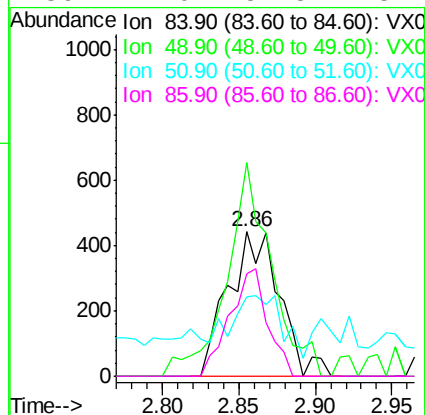
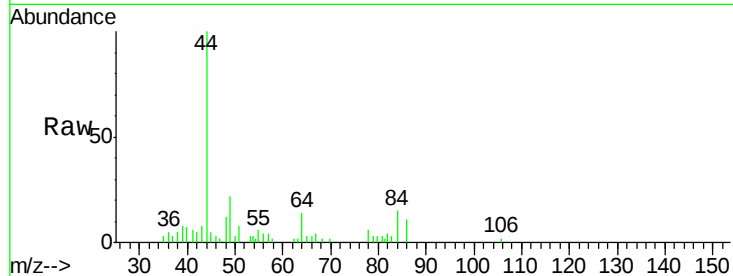




#20  
Methvlene Chloride  
Concen: Below Cal  
RT: 2.86 min Scan# 372  
Delta R.T. -0.01 min  
Lab File: VX002282.D  
Acq: 05 Jun 2018 01:52

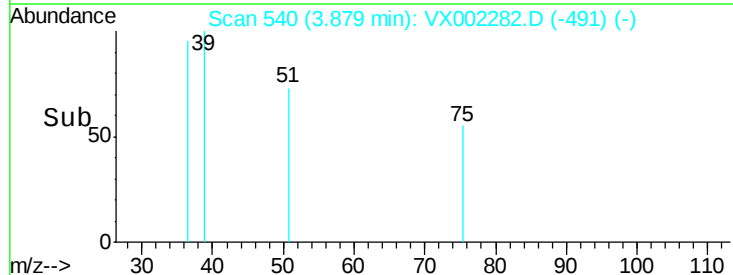
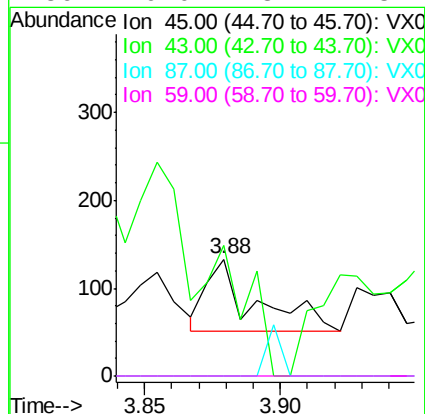
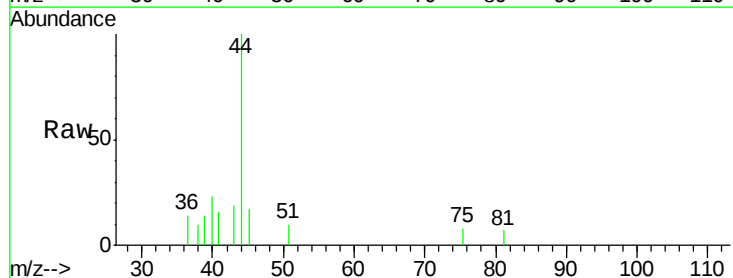
Instrument :  
MSVOA\_X  
ClientSampleId :

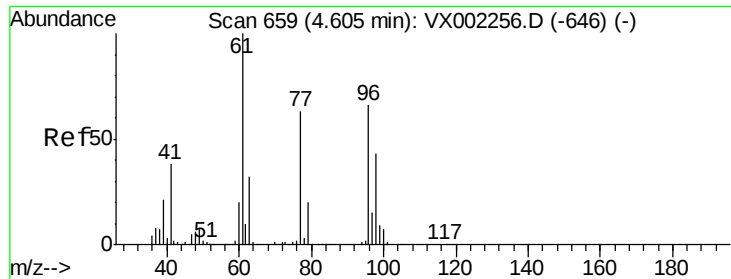
Tot Ion: 84 Resp: 1036  
Ion Ratio Lower Upper  
84 100  
49 135.4 107.8 161.6  
51 32.7 32.8 49.2#  
86 71.0 52.5 78.7



#22  
Diisopropyl ether  
Concen: Below Cal  
RT: 3.88 min Scan# 540  
Delta R.T. 0.00 min  
Lab File: VX002282.D  
Acq: 05 Jun 2018 01:52

Tgt Ion: 45 Resp: 99  
Ion Ratio Lower Upper  
45 100  
43 77.8 46.8 70.2#  
87 0.0 20.2 30.4#  
59 0.0 8.7 13.1#





#27

cis-1,2-Dichloroethene

Concen: 1.45 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

Instrument :

MSVOA\_X

ClientSampled :

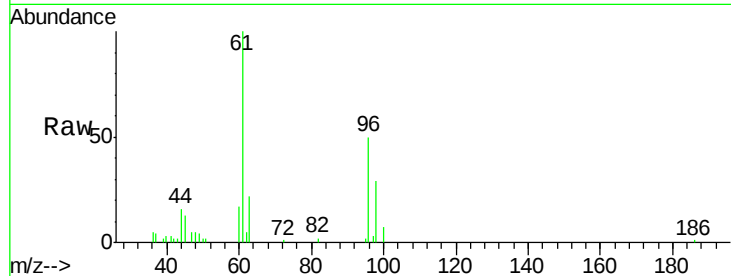
Tot Ion: 96 Resp: 4868

Ion Ratio Lower Upper

96 100

61 327.4 0.0 330.2

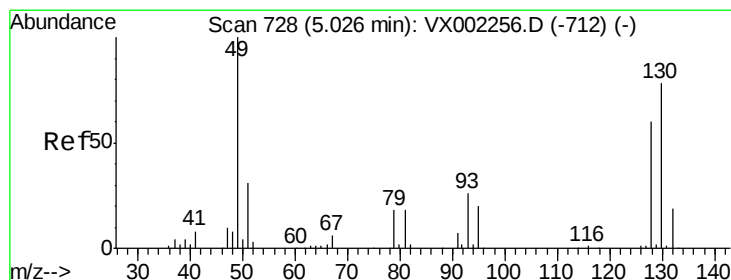
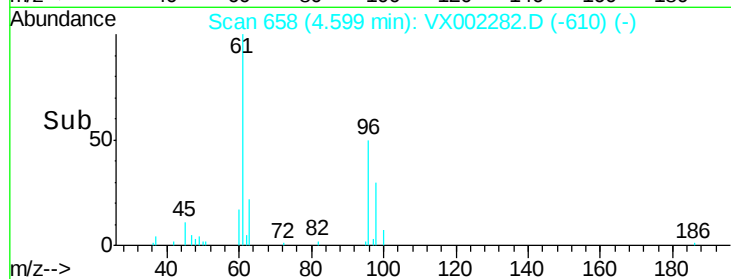
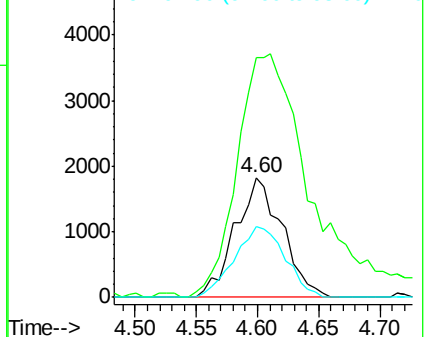
98 63.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

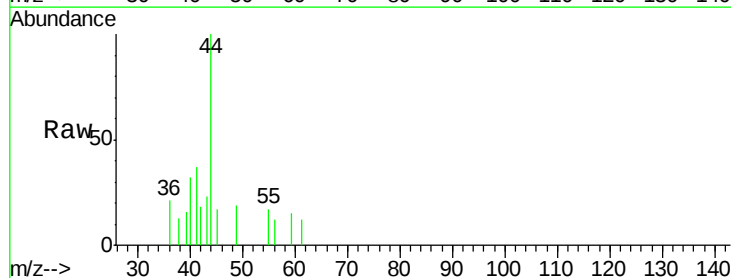
Tgt Ion: 49 Resp: 29

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

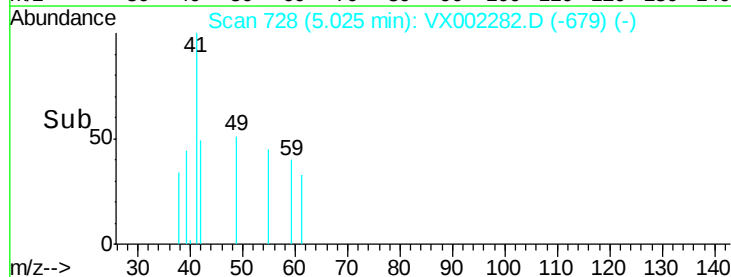
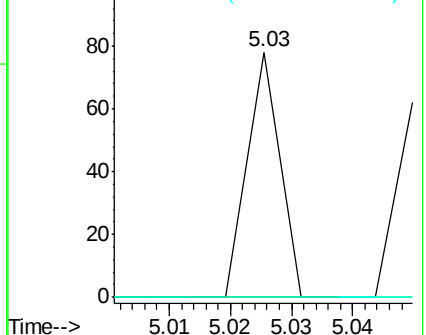
130 0.0 61.2 91.8#

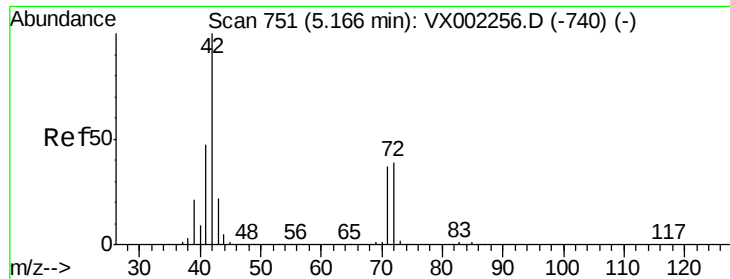


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

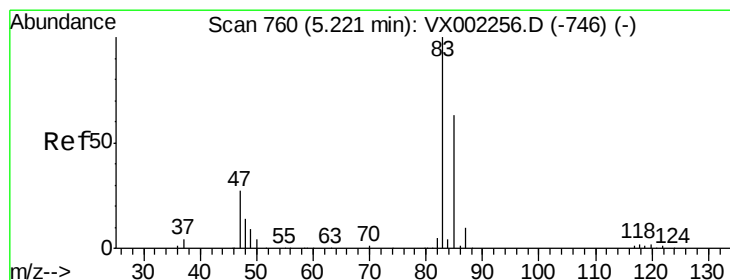
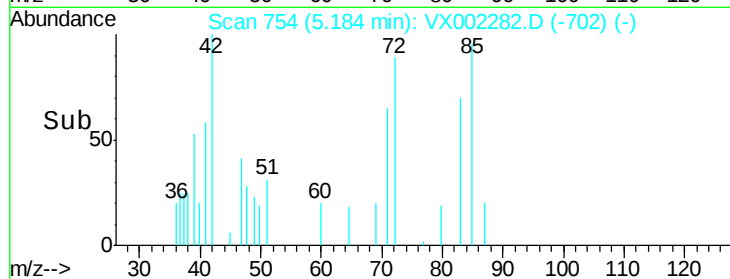
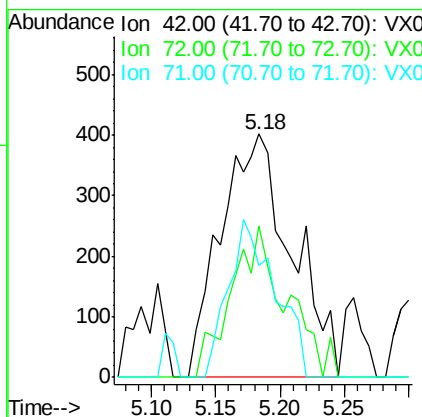
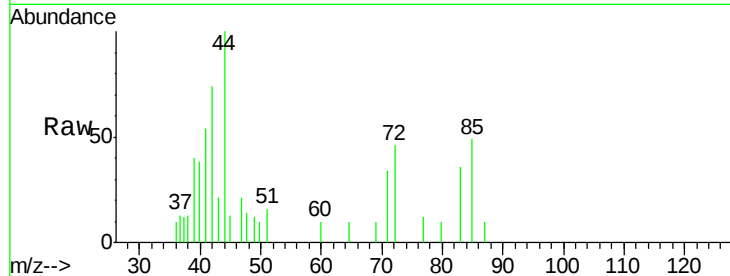




#29  
Tetrahydrofuran  
Concen: 0.92 ug/l  
RT: 5.18 min Scan# 754  
Delta R.T. 0.02 min  
Lab File: VX002282.D  
Acq: 05 Jun 2018 01:52

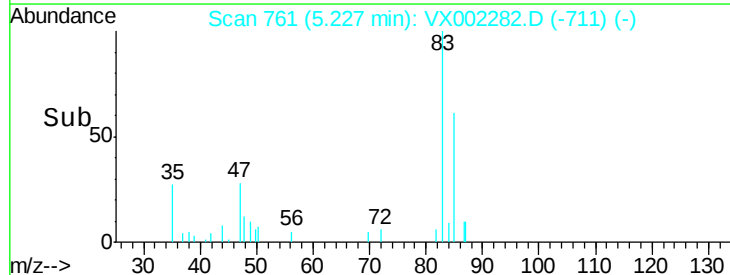
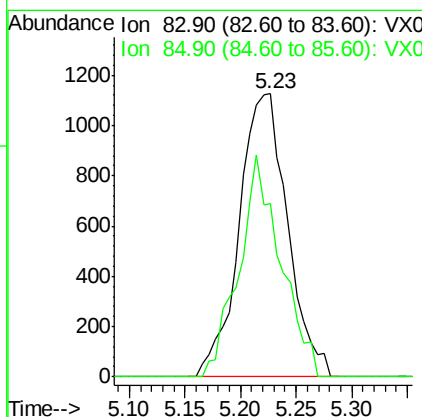
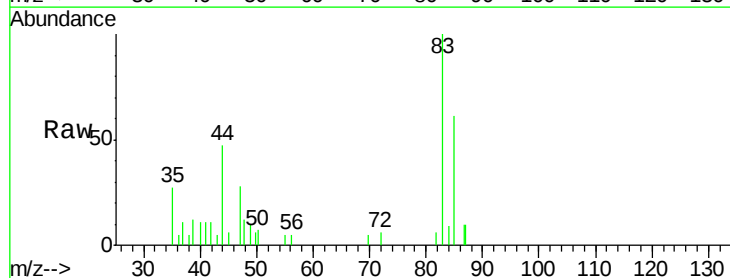
Instrument :  
MSVOA\_X  
ClientSampled :

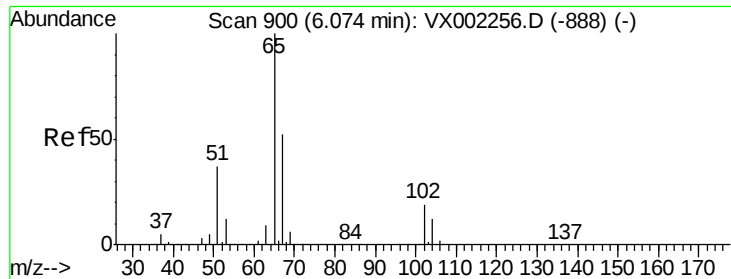
Tot Ion: 42 Resp: 1532  
Ion Ratio Lower Upper  
42 100  
72 37.2 32.0 48.0  
71 43.3 30.1 45.1



#30  
Chloroform  
Concen: 0.59 ug/l  
RT: 5.23 min Scan# 761  
Delta R.T. 0.01 min  
Lab File: VX002282.D  
Acq: 05 Jun 2018 01:52

Tgt Ion: 83 Resp: 3407  
Ion Ratio Lower Upper  
83 100  
85 61.3 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 47.87 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

Instrument :

MSVOA\_X

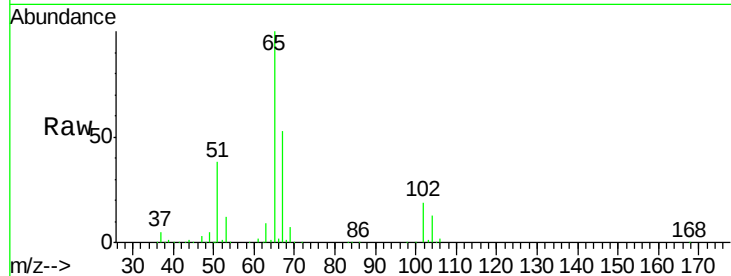
ClientSampleId :

Tot Ion: 65 Resp: 180918

Ion Ratio Lower Upper

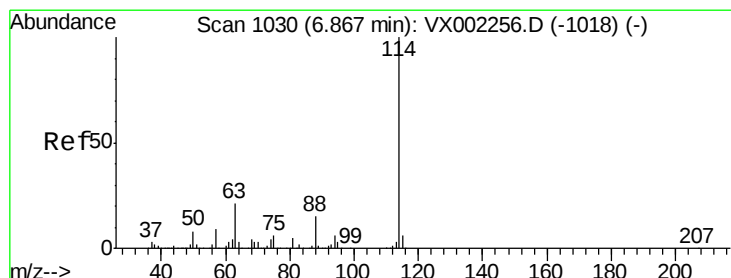
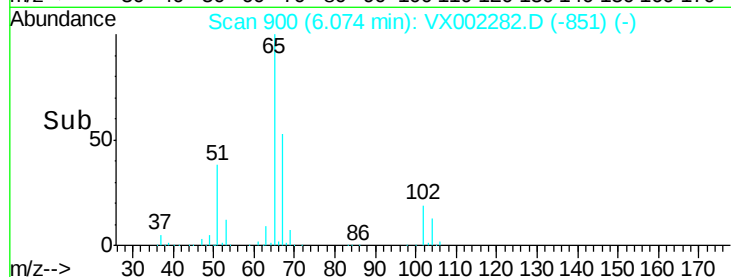
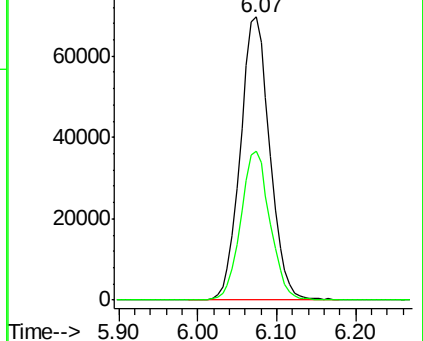
65 100

67 52.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

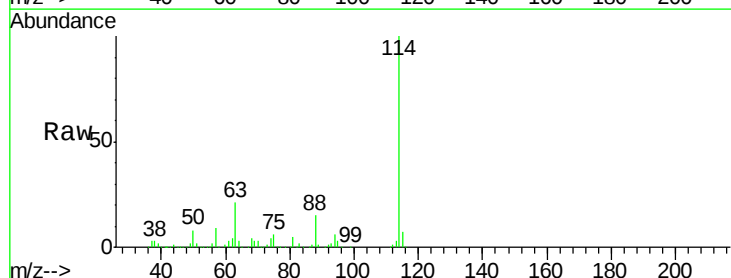
Tgt Ion: 114 Resp: 382031

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

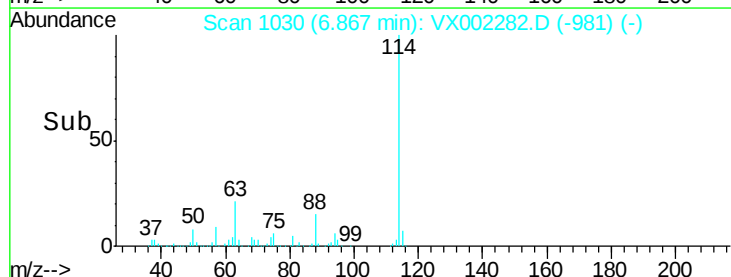
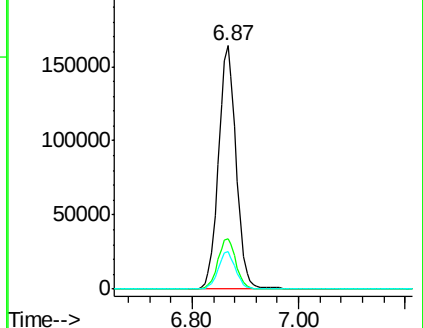
88 15.4 0.0 30.0

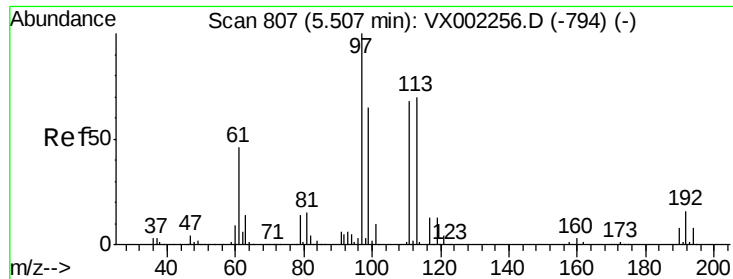


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

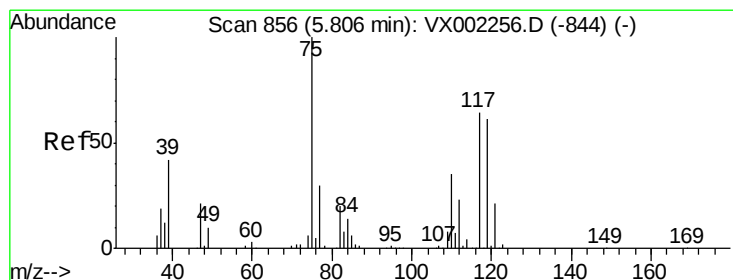
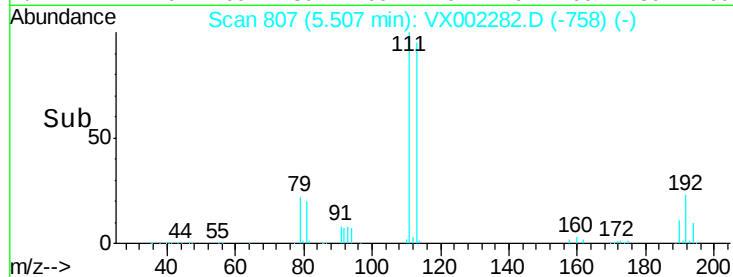
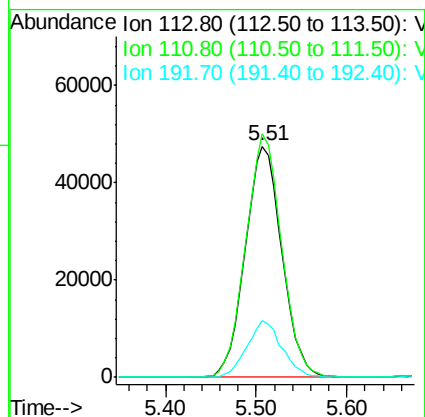
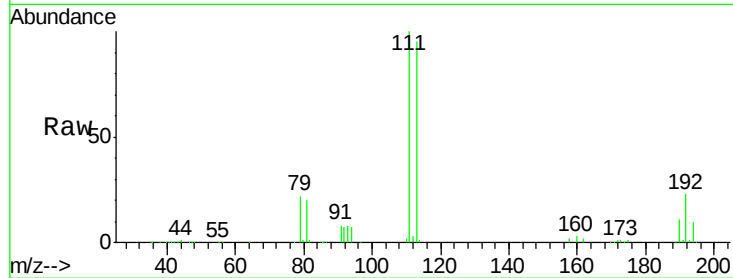




#35  
 Dibromofluoromethane  
 Concen: 44.36 ug/l  
 RT: 5.51 min Scan# 807  
 Delta R.T. -0.00 min  
 Lab File: VX002282.D  
 Acq: 05 Jun 2018 01:52

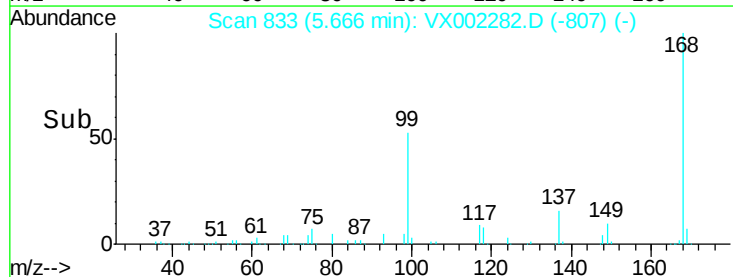
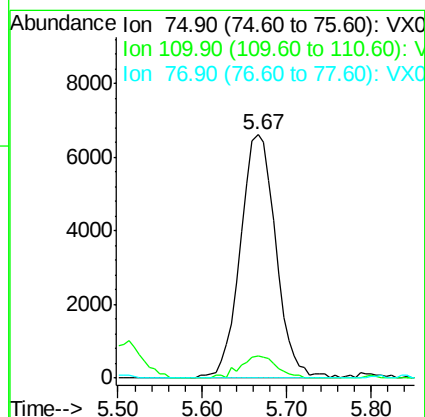
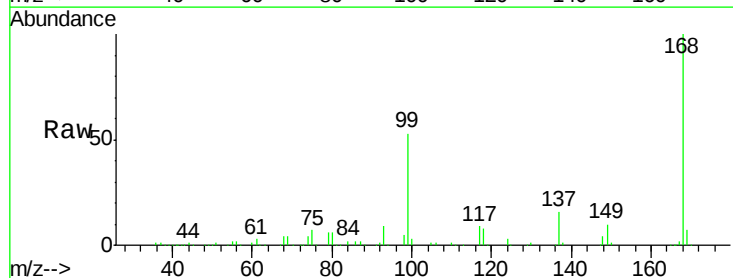
Instrument :  
 MSVOA\_X  
 ClientSampleId :

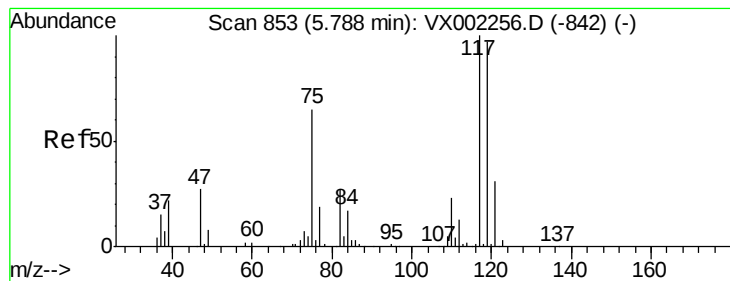
Tot Ion:113 Resp: 133266  
 Ion Ratio Lower Upper  
 113 100  
 111 103.5 81.4 122.0  
 192 23.6 19.1 28.7



#36  
 1,1-Dichloropropene  
 Concen: 4.69 ug/l  
 RT: 5.67 min Scan# 833  
 Delta R.T. -0.14 min  
 Lab File: VX002282.D  
 Acq: 05 Jun 2018 01:52

Tgt Ion: 75 Resp: 18845  
 Ion Ratio Lower Upper  
 75 100  
 110 9.4 18.1 54.4#  
 77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.95 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

Instrument :

MSVOA\_X

ClientSampled :

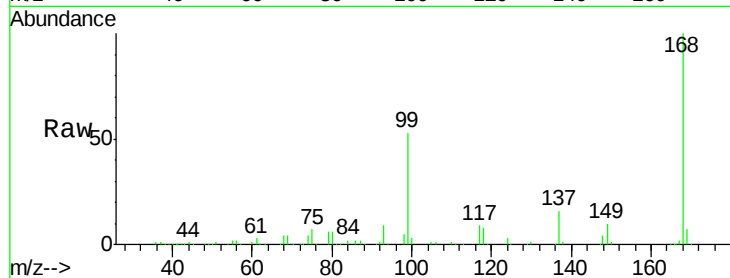
Tot Ion:117 Resp: 25013

Ion Ratio Lower Upper

117 100

119 5.2 77.4 116.0#

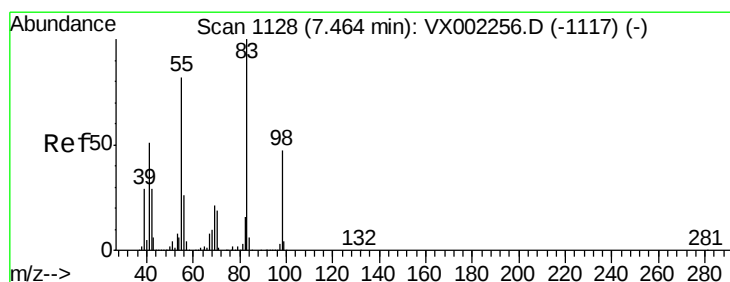
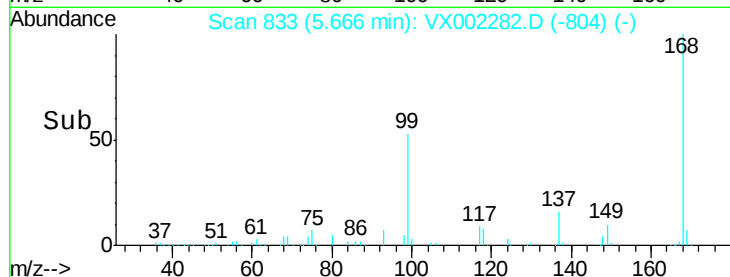
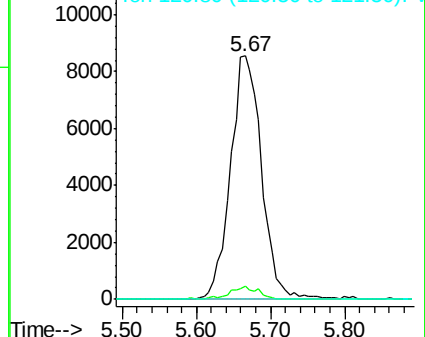
121 0.0 24.4 36.6#



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: 0.32 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

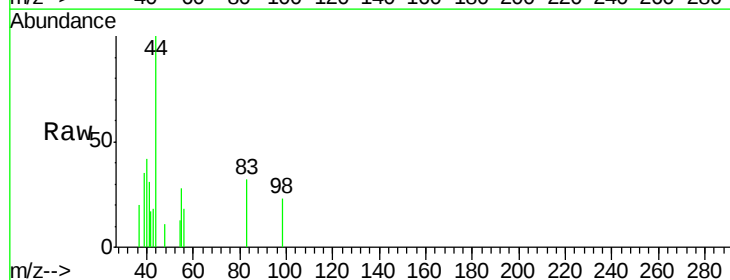
Tgt Ion: 83 Resp: 288

Ion Ratio Lower Upper

83 100

55 87.0 65.4 98.0

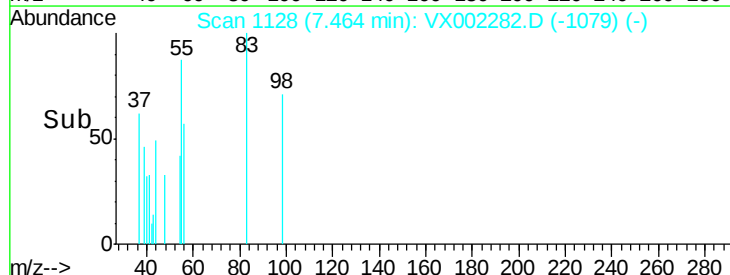
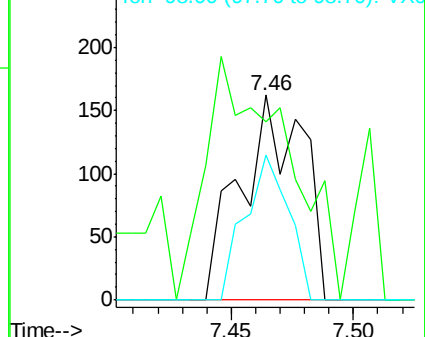
98 71.0 37.4 56.0#

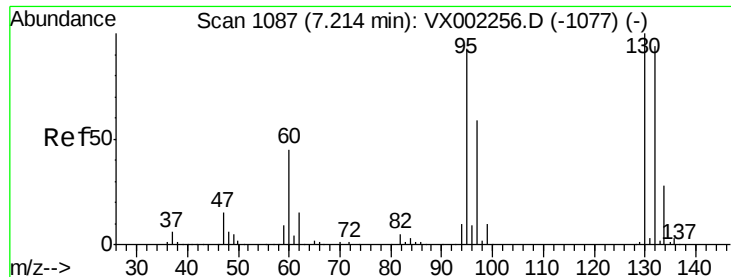


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

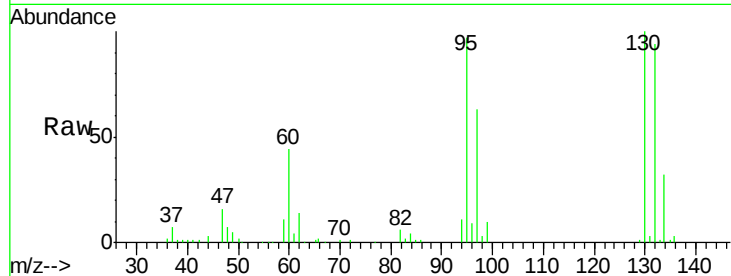




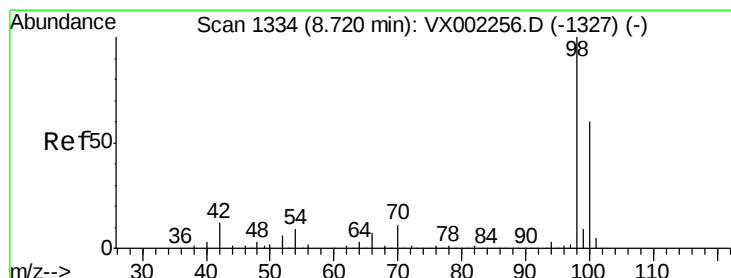
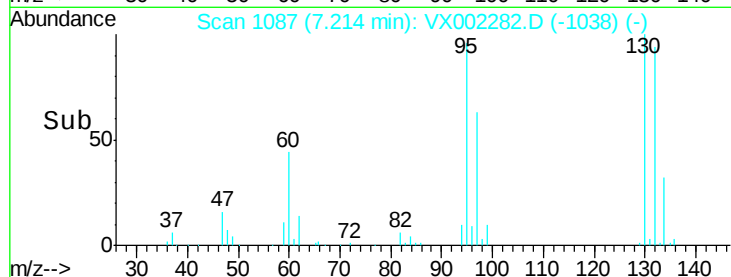
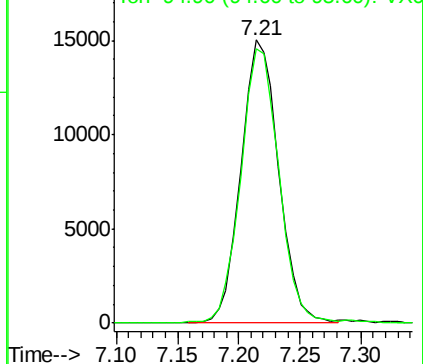
#44  
 Trichloroethene  
 Concen: 9.42 ug/l  
 RT: 7.21 min Scan# 1087  
 Delta R.T. -0.00 min  
 Lab File: VX002282.D  
 Acq: 05 Jun 2018 01:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion:130 Resp: 32181  
 Ion Ratio Lower Upper  
 130 100  
 95 96.3 0.0 185.4

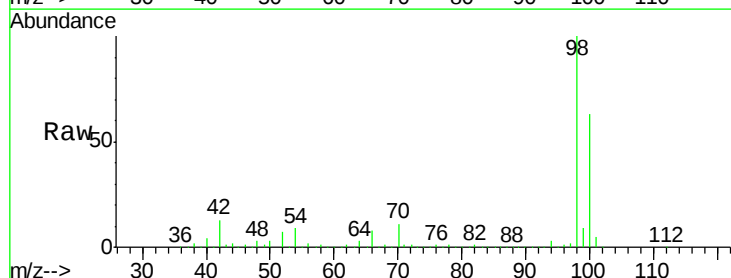


Abundance Ion 129.80 (129.50 to 130.50): V  
 Ion 94.90 (94.60 to 95.60): VX0

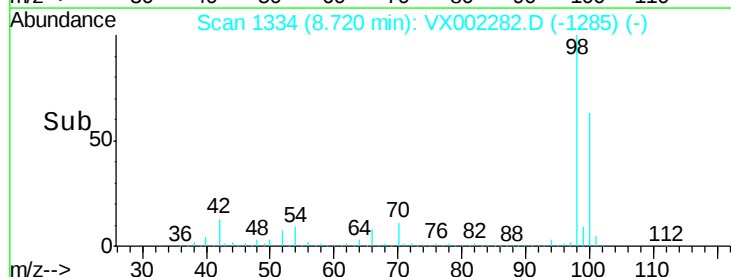
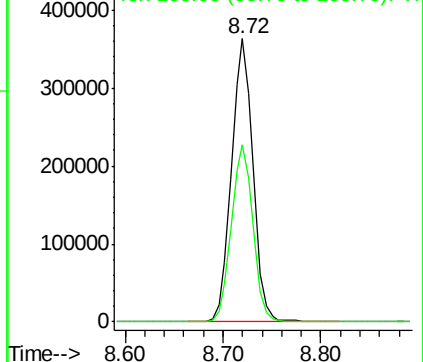


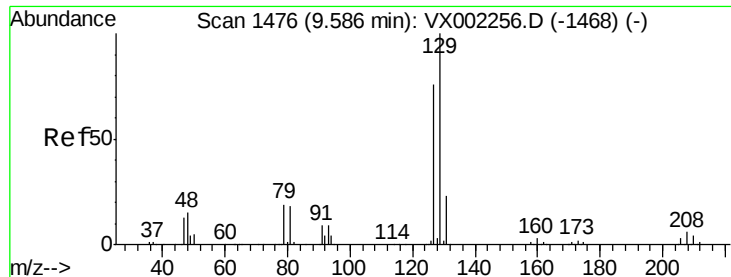
#50  
 Toluene-d8  
 Concen: 47.87 ug/l  
 RT: 8.72 min Scan# 1334  
 Delta R.T. -0.00 min  
 Lab File: VX002282.D  
 Acq: 05 Jun 2018 01:52

Tgt Ion: 98 Resp: 551186  
 Ion Ratio Lower Upper  
 98 100  
 100 63.2 50.9 76.3



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

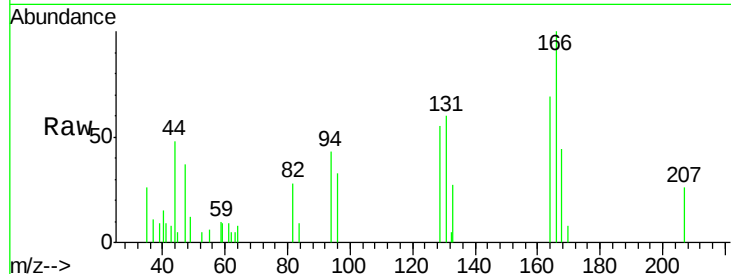




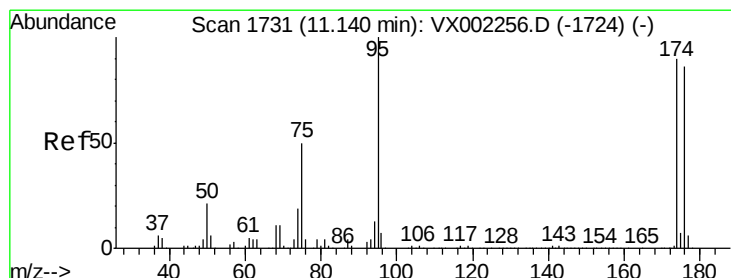
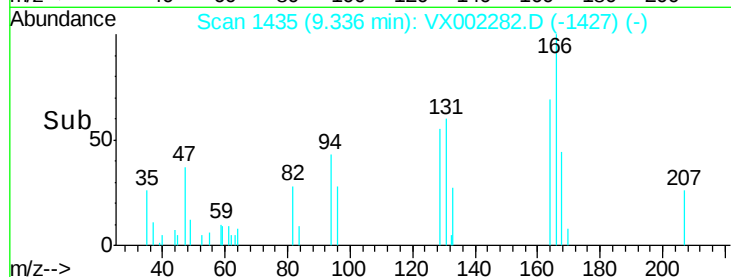
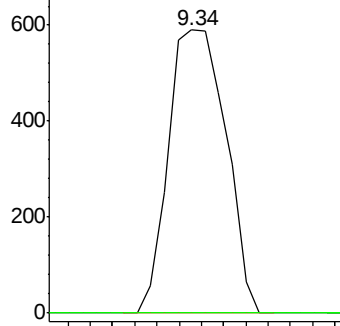
#60  
Dibromochloromethane  
Concen: 0.33 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. -0.25 min  
Lab File: VX002282.D  
Acq: 05 Jun 2018 01:52

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:129 Resp: 1058  
Ion Ratio Lower Upper  
129 100  
127 0.0 38.5 115.3#

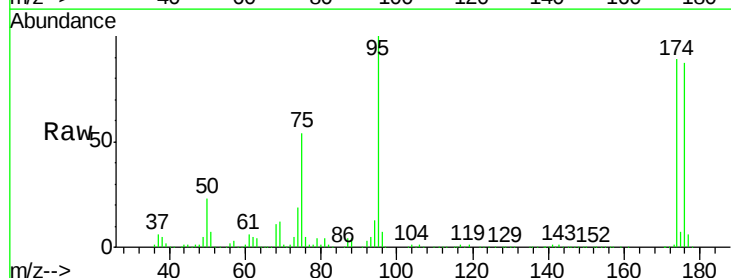


Abundance Ion 128.80 (128.50 to 129.50): V  
Ion 126.80 (126.50 to 127.50): V

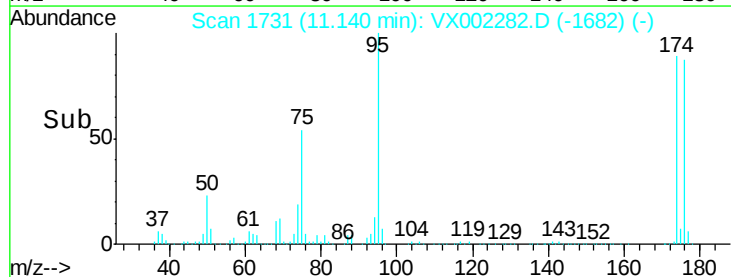
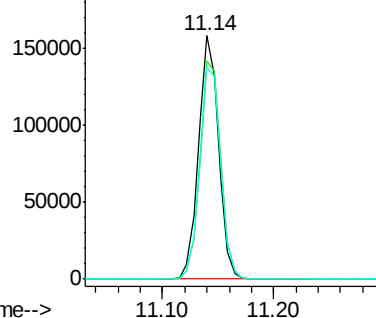


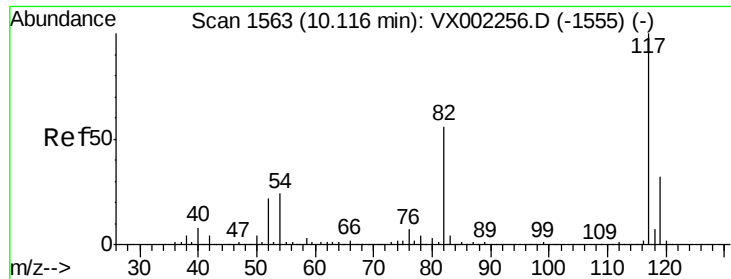
#62  
4-Bromofluorobenzene  
Concen: 44.14 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. -0.00 min  
Lab File: VX002282.D  
Acq: 05 Jun 2018 01:52

Tgt Ion: 95 Resp: 196015  
Ion Ratio Lower Upper  
95 100  
174 93.5 0.0 187.4  
176 90.7 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

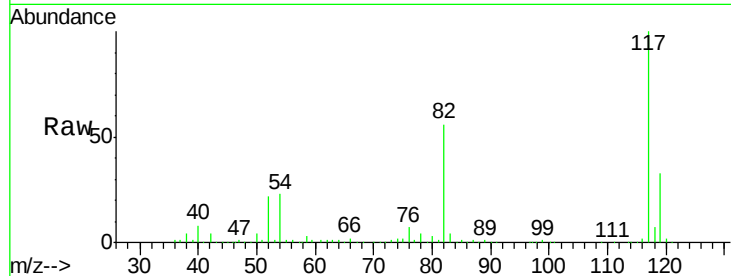




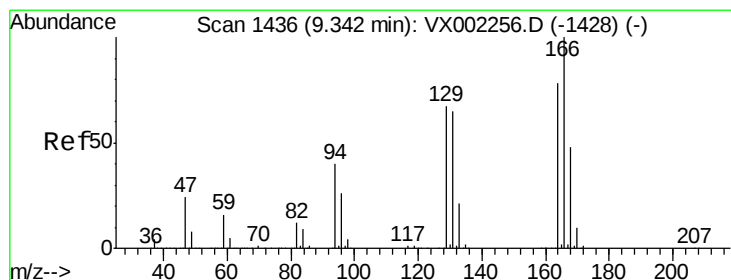
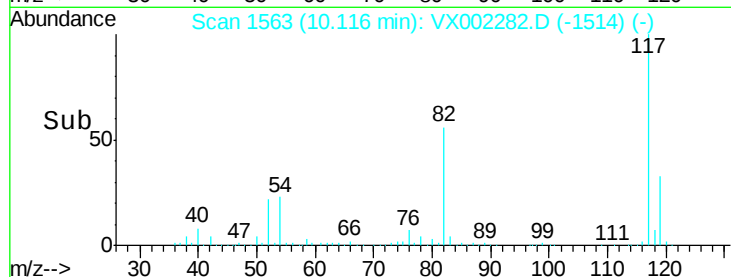
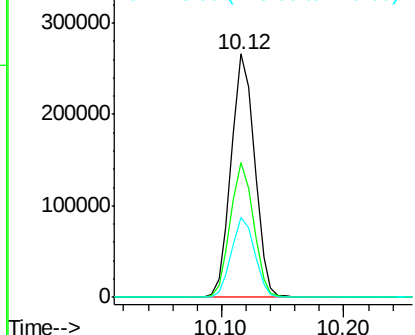
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX002282.D  
Acq: 05 Jun 2018 01:52

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:117 Resp: 353363  
Ion Ratio Lower Upper  
117 100  
82 55.5 45.0 67.4  
119 32.5 25.8 38.6

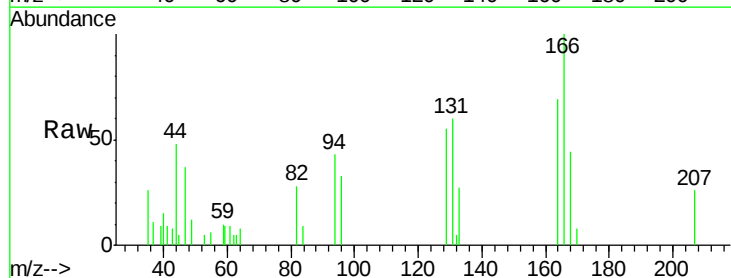


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

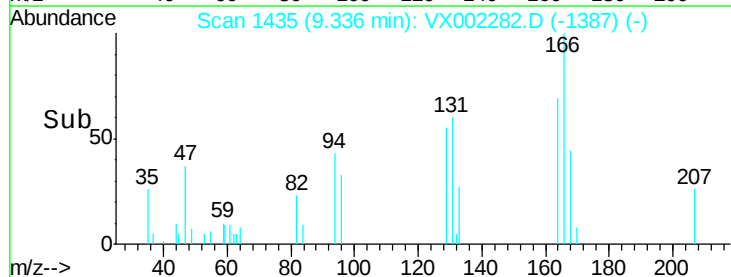
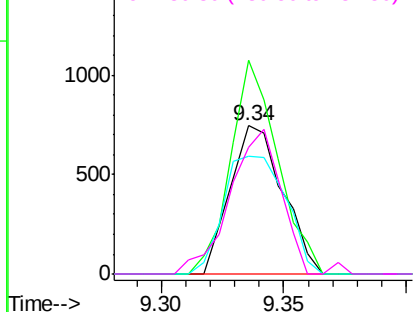


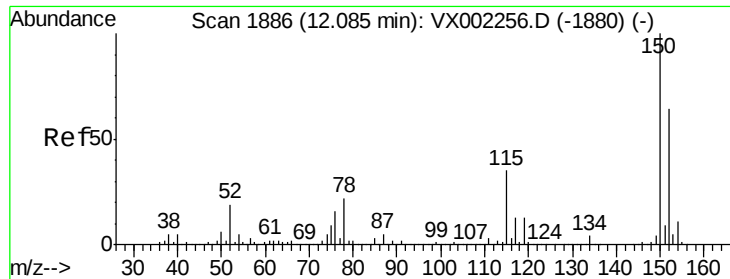
#64  
Tetrachloroethene  
Concen: 0.31 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. -0.01 min  
Lab File: VX002282.D  
Acq: 05 Jun 2018 01:52

Tgt Ion:164 Resp: 1120  
Ion Ratio Lower Upper  
164 100  
166 143.9 102.9 154.3  
129 79.0 68.6 102.8  
131 78.3 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002282.D

Acq: 05 Jun 2018 01:52

Instrument :

MSVOA\_X

ClientSampleId :

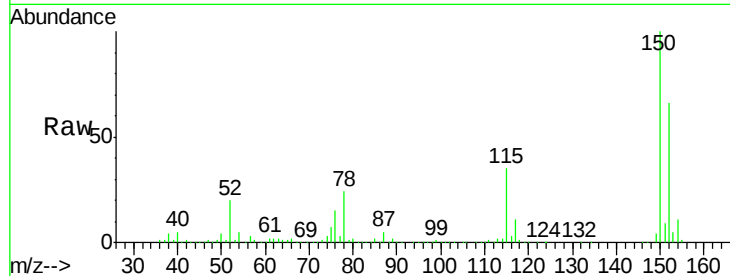
Tot Ion:152 Resp: 204268

Ion Ratio Lower Upper

152 100

115 54.9 40.1 120.2

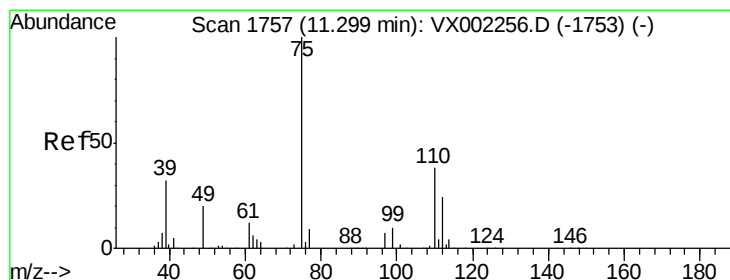
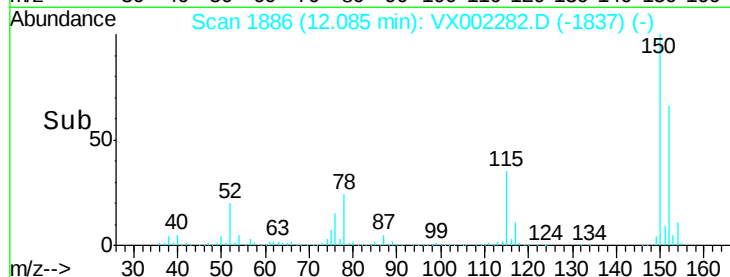
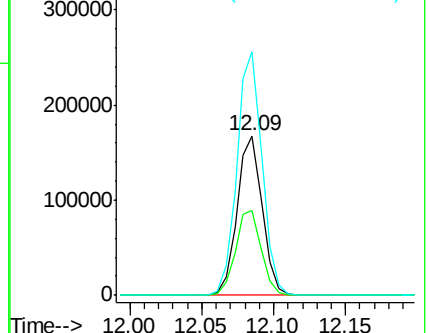
150 153.4 0.0 347.2



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



#76

1,2,3-Trichloropropane

Concen: 23.69 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002282.D

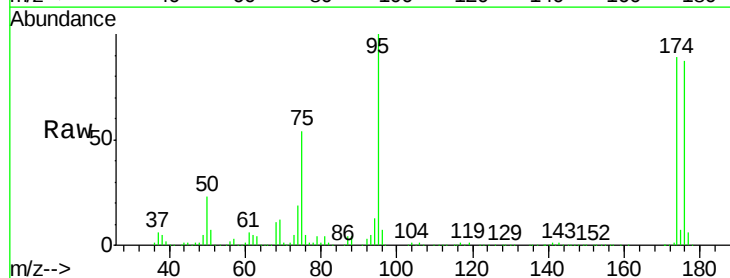
Acq: 05 Jun 2018 01:52

Tgt Ion: 75 Resp: 106195

Ion Ratio Lower Upper

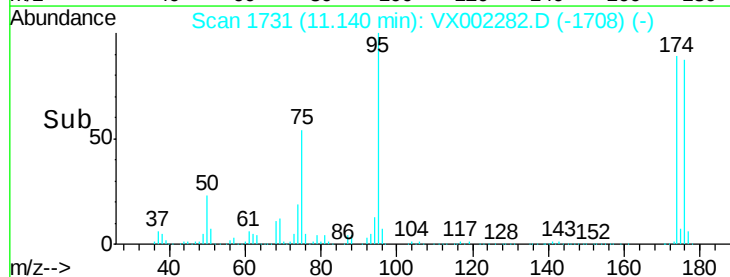
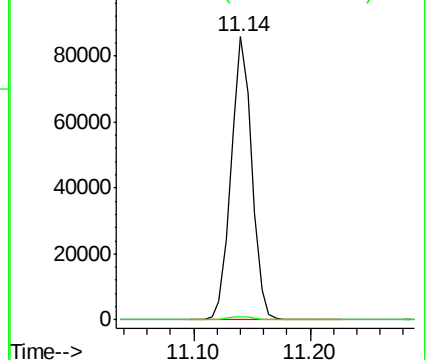
75 100

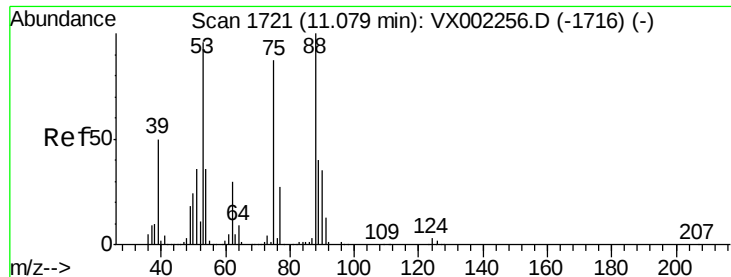
77 1.2 22.8 68.3#



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: 83.05 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. 0.06 min  
 Lab File: VX002282.D  
 Acq: 05 Jun 2018 01:52

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion: 75 Resp: 106195  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 86.8 130.2#  
 89 0.0 38.2 57.2#

