

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\  
 Data File : VX012867.D  
 Acq On : 08 Oct 2019 03:39  
 Operator : JC/SP  
 Sample : K5216-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Oct 08 11:17:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092319W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 23 12:27:01 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 178644   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 301083   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 249432   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 91047    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 116811   | 44.90 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.80%  |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 89107    | 49.69 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.38%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 353099   | 51.13 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.26% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 115968   | 42.71 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 85.42%  |          |

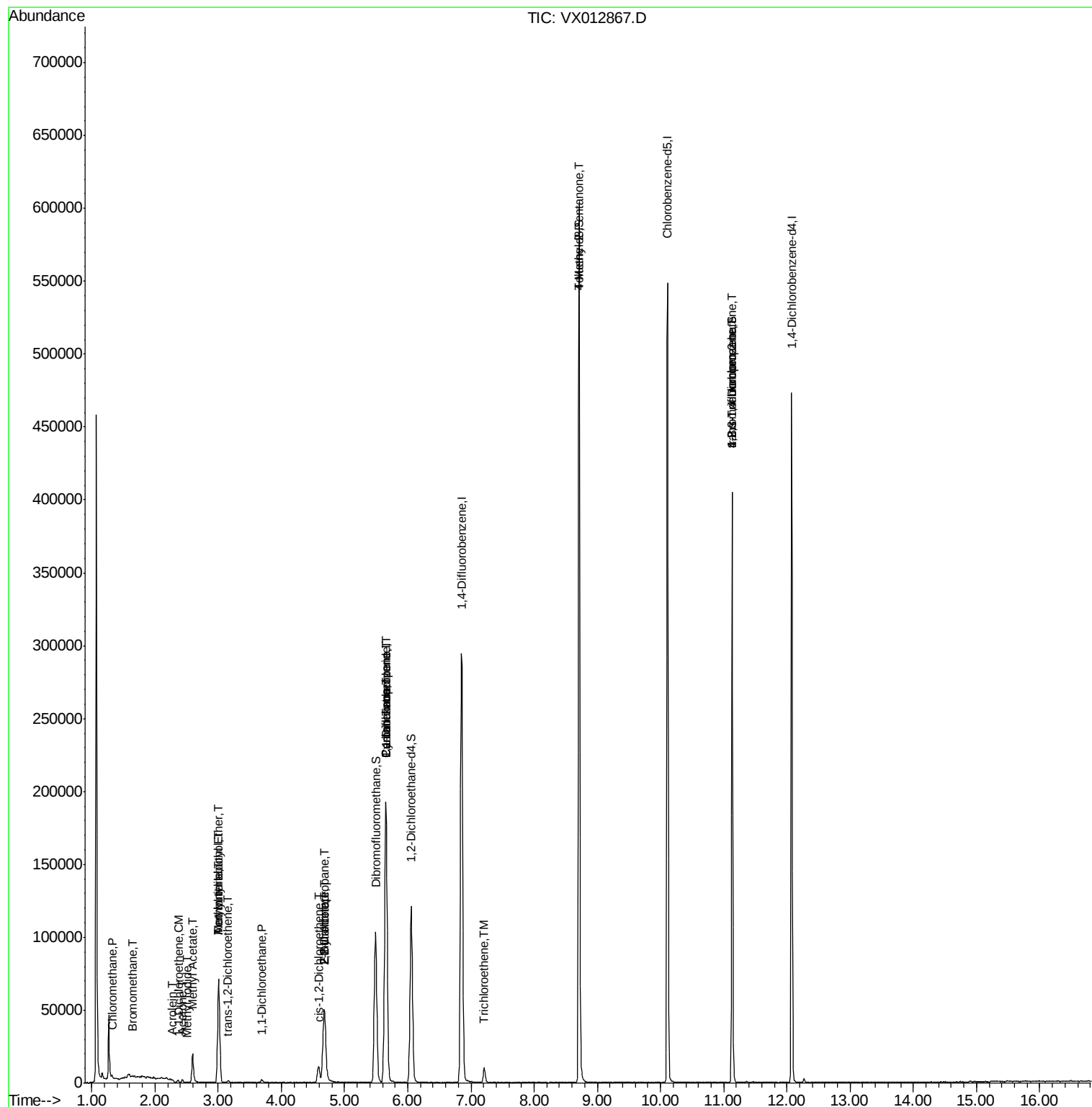
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 3) Chloromethane               | 1.32  | 50   | 840      | 0.364  | ug/l   | 93     |
| 5) Bromomethane                | 1.64  | 94   | 297      | 0.329  | ug/l   | 83     |
| 10) Methyl Iodide              | 2.51  | 142  | 75       | 4.986  | ug/l # | 35     |
| 11) Tert butyl alcohol         | 3.01  | 59   | 42802    | 65.865 | ug/l # | 75     |
| 12) 1,1-Dichloroethene         | 2.37  | 96   | 441      | 0.230  | ug/l   | 80     |
| 13) Acrolein                   | 2.27  | 56   | 21       | 10.289 | ug/l # | 1      |
| 15) Acrylonitrile              | 3.01  | 53   | 791      | 0.600  | ug/l # | 21     |
| 16) Acetone                    | 2.43  | 43   | 2206     | 1.601  | ug/l   | 90     |
| 18) Methyl Acetate             | 2.59  | 43   | 5553     | 1.712  | ug/l # | 54     |
| 19) Methyl tert-butyl Ether    | 3.01  | 73   | 2490     | 0.342  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene   | 3.16  | 96   | 683      | 0.321  | ug/l # | 47     |
| 24) 1,1-Dichloroethane         | 3.69  | 63   | 2451     | 0.612  | ug/l # | 81     |
| 25) 2-Butanone                 | 4.69  | 43   | 3101     | 1.570  | ug/l # | 74     |
| 26) 2,2-Dichloropropane        | 4.67  | 77   | 4532     | 1.273  | ug/l # | 55     |
| 27) cis-1,2-Dichloroethene     | 4.59  | 96   | 7133     | 2.889  | ug/l   | 85     |
| 31) Cyclohexane                | 5.65  | 56   | 4031     | 1.113  | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 5.65  | 75   | 15448    | 5.323  | ug/l # | 51     |
| 37) Ethyl Acetate              | 4.69  | 43   | 3101     | 0.914  | ug/l # | 1      |
| 38) Carbon Tetrachloride       | 5.65  | 117  | 18758    | 6.363  | ug/l # | 18     |
| 44) Trichloroethene            | 7.21  | 130  | 4034     | 1.848  | ug/l   | 96     |
| 51) 4-Methyl-2-Pentanone       | 8.71  | 43   | 1558     | 0.445  | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 58388    | 24.243 | ug/l # | 38     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 58388    | 69.476 | ug/l # | 8      |

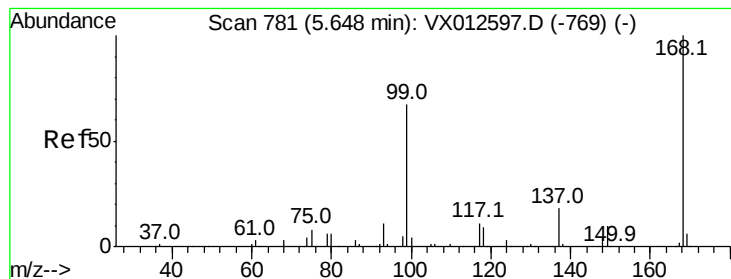
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 08 11:17:26 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092319W.M  
Quant Title : SW846 8260  
QLast Update : Mon Sep 23 12:27:01 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

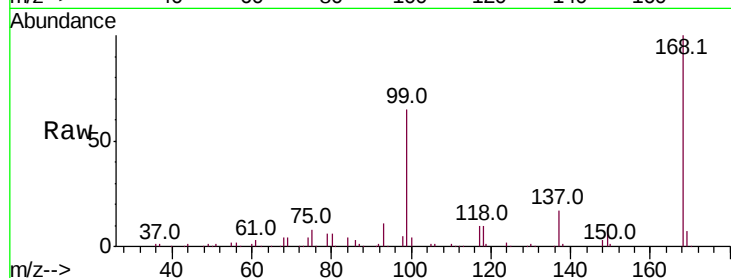
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:168 Resp: 178644

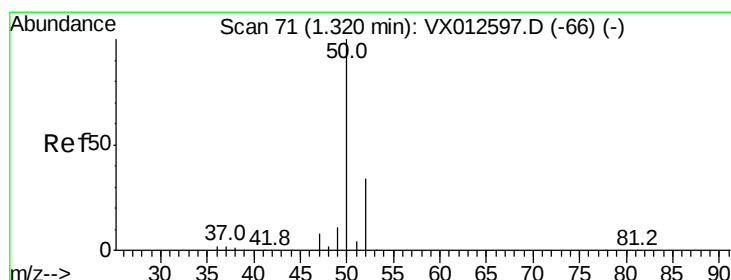
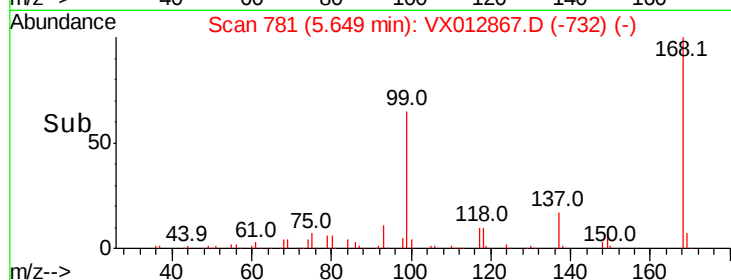
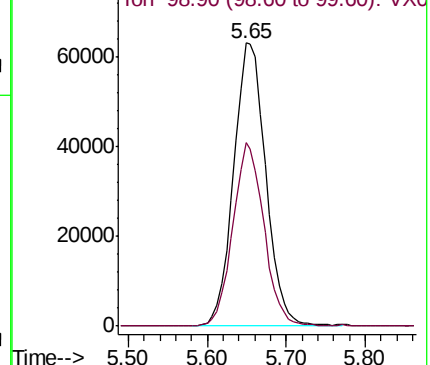
Ion Ratio Lower Upper

168 100

99 64.9 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): VX012597.D (-769) (-)



#3

Chloromethane

Concen: 0.364 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012867.D

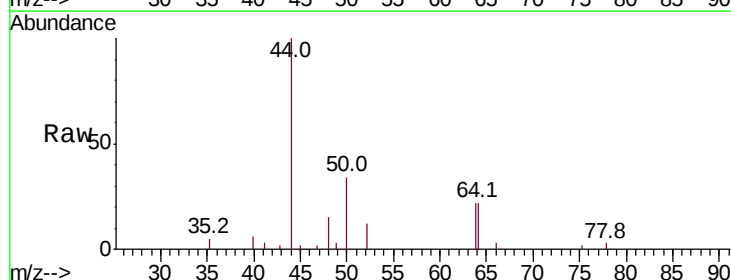
Acq: 08 Oct 2019 03:39

Tgt Ion: 50 Resp: 840

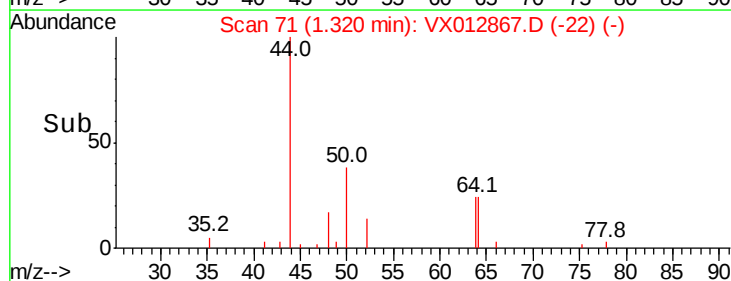
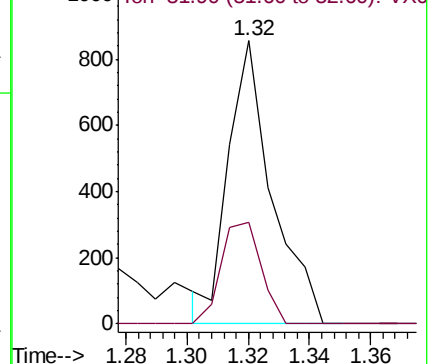
Ion Ratio Lower Upper

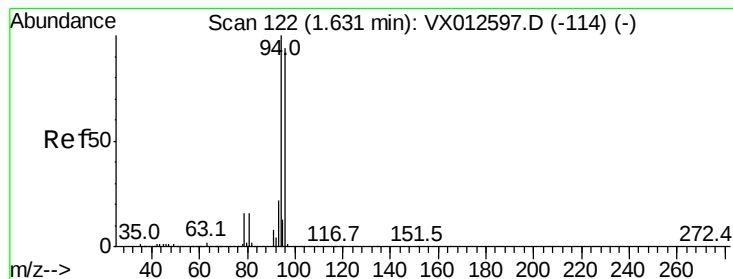
50 100

52 35.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX012597.D (-66) (-)





#5

Bromomethane

Concen: 0.329 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

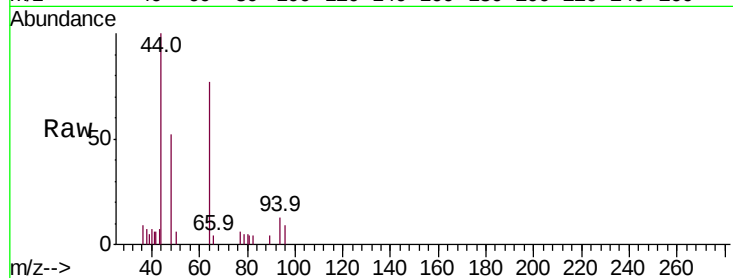
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 94 Resp: 297

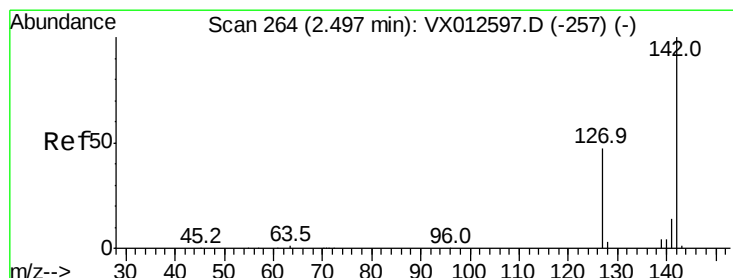
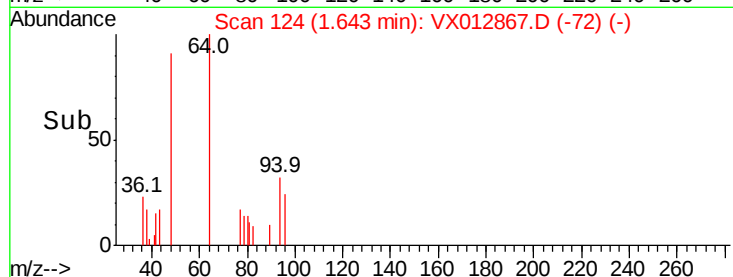
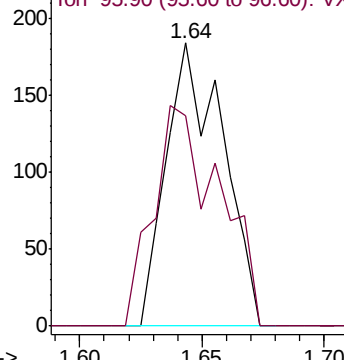
Ion Ratio Lower Upper

94 100

96 74.5 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0  
Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 4.986 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

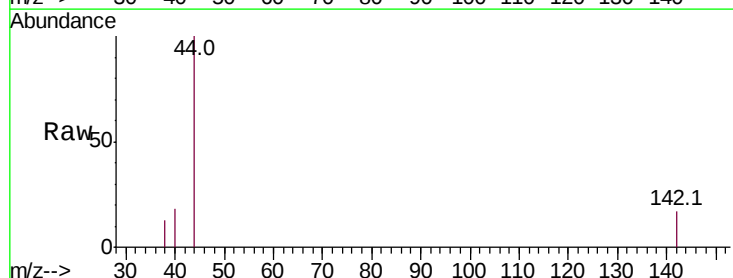
Tgt Ion: 142 Resp: 75

Ion Ratio Lower Upper

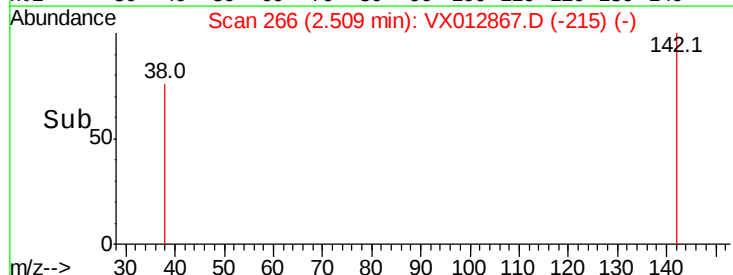
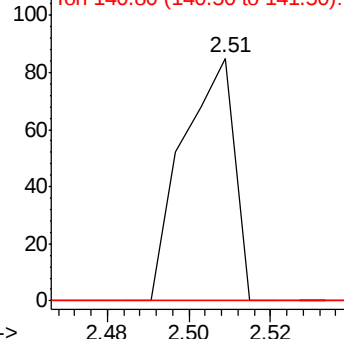
142 100

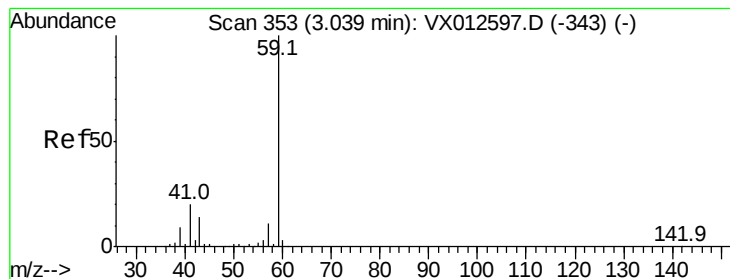
127 0.0 40.8 61.2#

141 0.0 12.1 18.1#



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



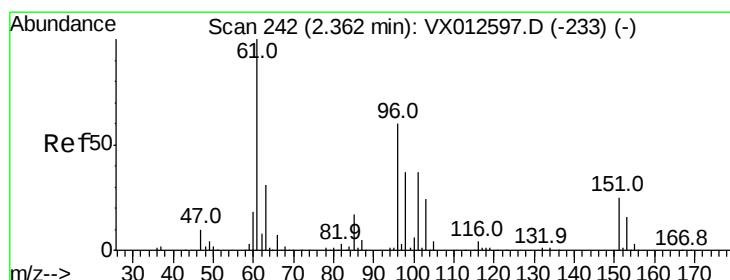
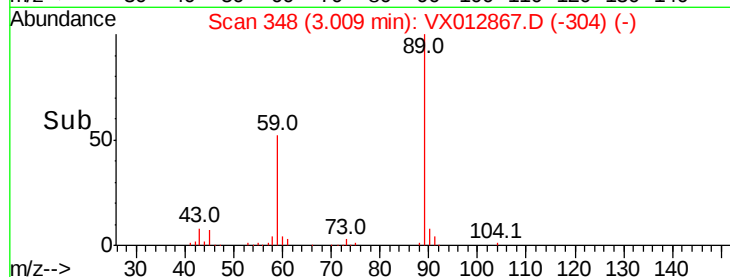
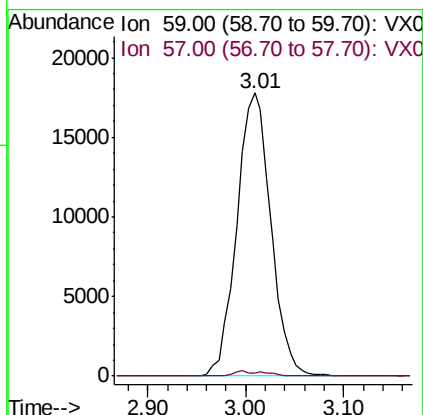
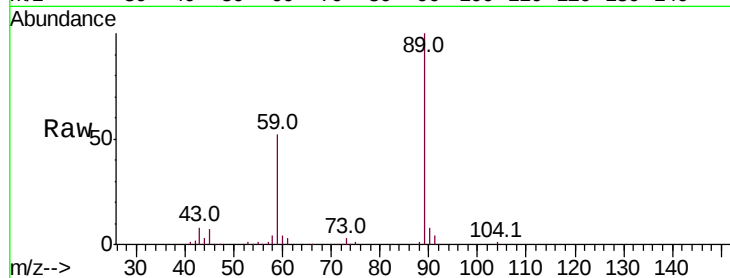


#11

Tert butyl alcohol  
 Concen: 65.865 ug/l  
 RT: 3.01 min Scan# 348  
 Delta R.T. -0.03 min  
 Lab File: VX012867.D  
 Acq: 08 Oct 2019 03:39

Instrument :  
 MSVOA\_X  
 ClientSampled :

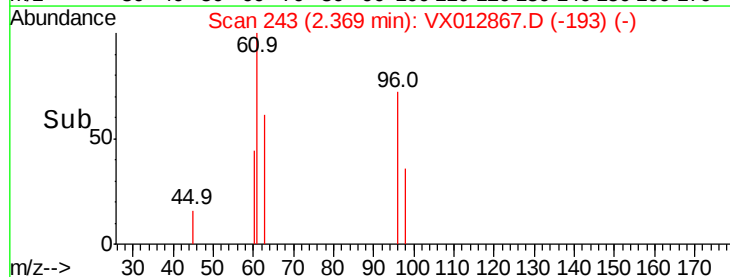
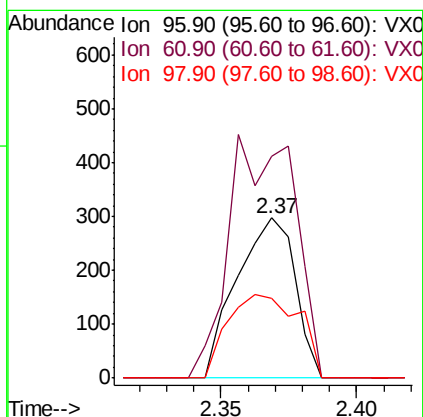
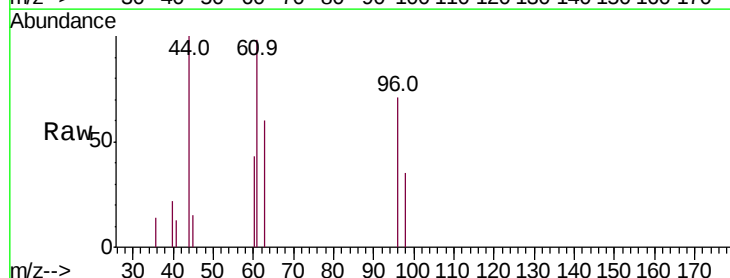
Tot Ion: 59 Resp: 42802  
 Ion Ratio Lower Upper  
 59 100  
 57 1.0 8.3 12.5#

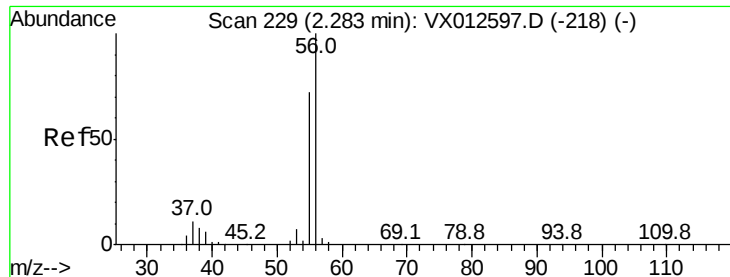


#12

1,1-Dichloroethene  
 Concen: 0.230 ug/l  
 RT: 2.37 min Scan# 243  
 Delta R.T. 0.01 min  
 Lab File: VX012867.D  
 Acq: 08 Oct 2019 03:39

Tgt Ion: 96 Resp: 441  
 Ion Ratio Lower Upper  
 96 100  
 61 138.7 133.8 200.6  
 98 50.2 49.9 74.9





#13

Acrolein

Concen: 10.289 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

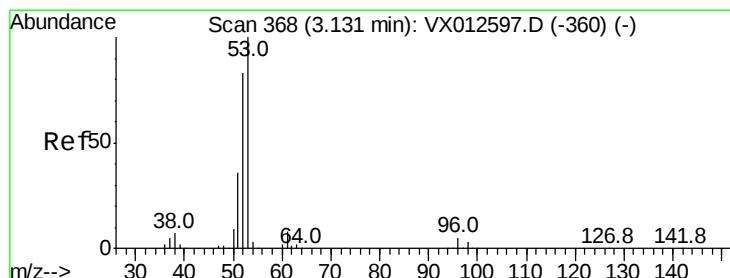
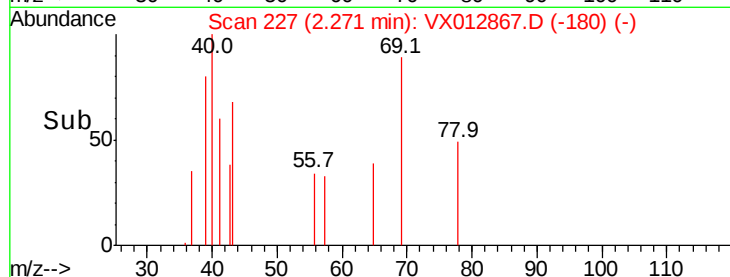
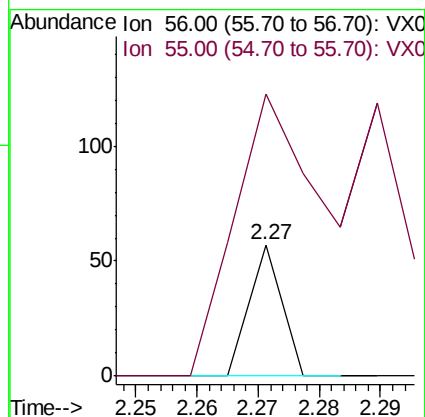
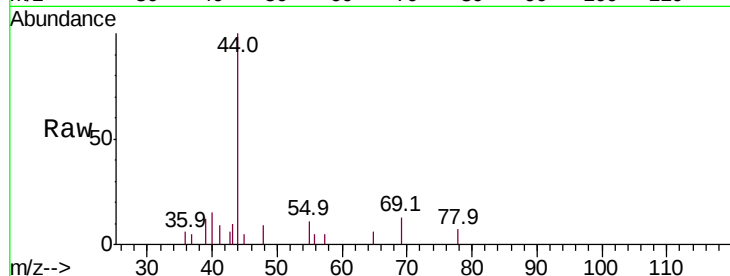
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 56 Resp: 21

Ion Ratio Lower Upper

56 100

55 876.2 55.8 83.8#



#15

Acrylonitrile

Concen: 0.600 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.12 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

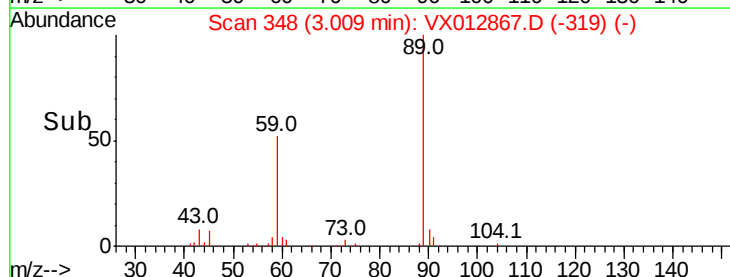
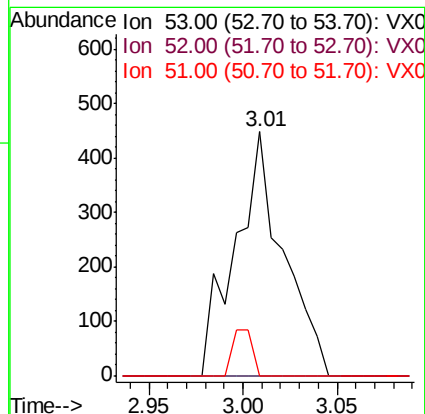
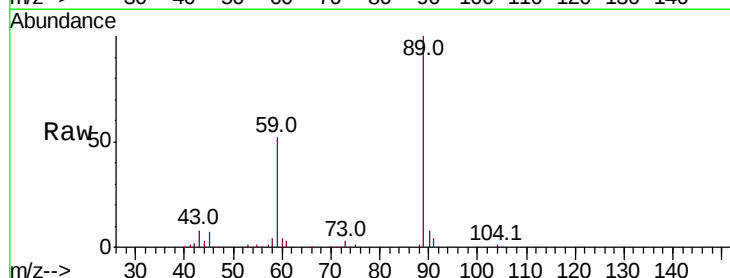
Tgt Ion: 53 Resp: 791

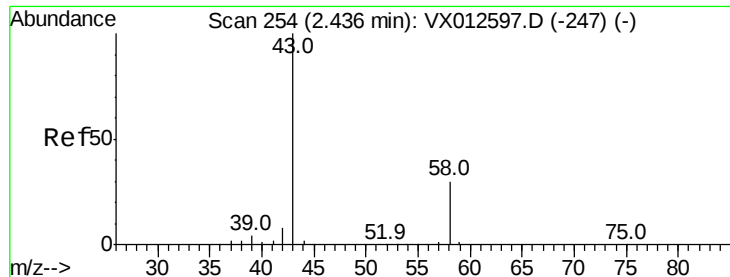
Ion Ratio Lower Upper

53 100

52 0.0 67.0 100.4#

51 7.7 29.6 44.4#





#16

Acetone

Concen: 1.601 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

Instrument :

MSVOA\_X

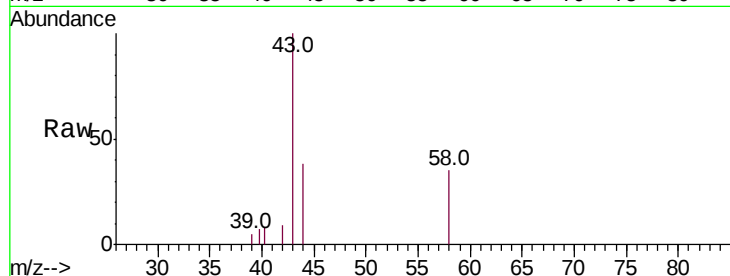
ClientSampled :

Tot Ion: 43 Resp: 2206

Ion Ratio Lower Upper

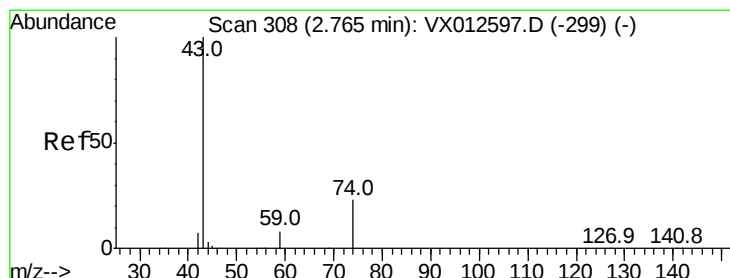
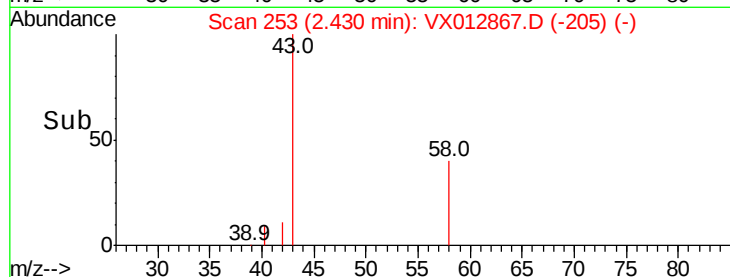
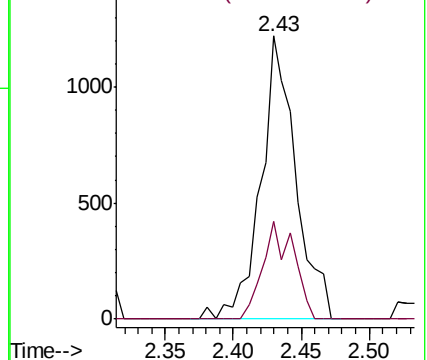
43 100

58 34.7 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 1.712 ug/l

RT: 2.59 min Scan# 280

Delta R.T. -0.17 min

Lab File: VX012867.D

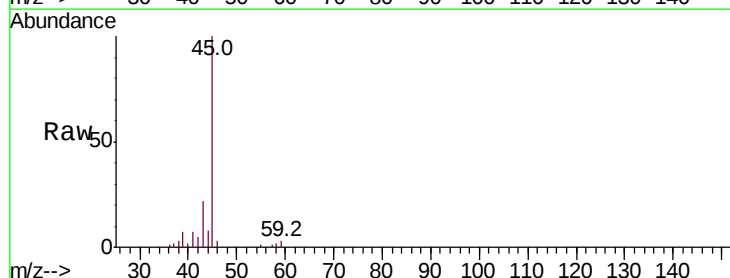
Acq: 08 Oct 2019 03:39

Tgt Ion: 43 Resp: 5553

Ion Ratio Lower Upper

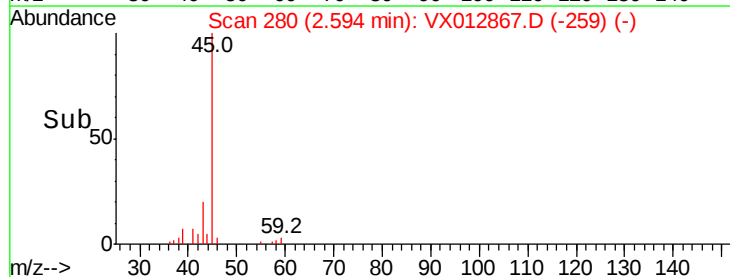
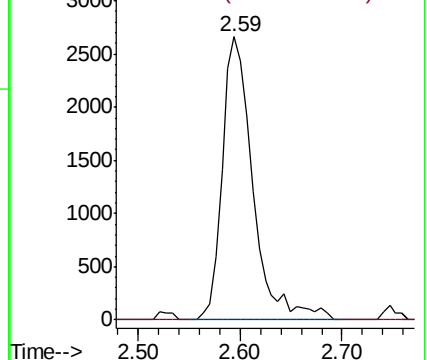
43 100

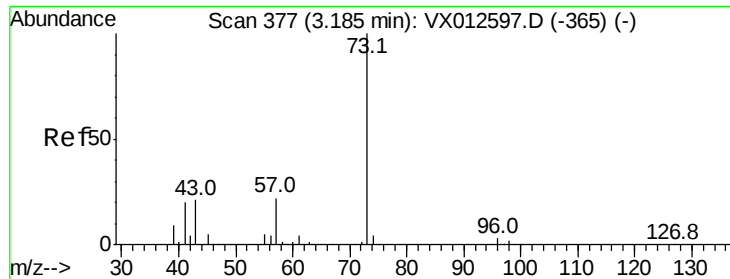
74 0.0 17.7 26.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



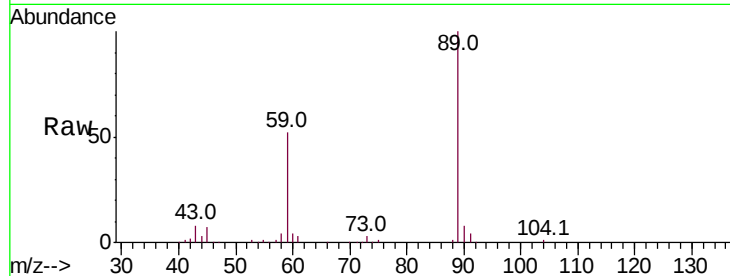


#19

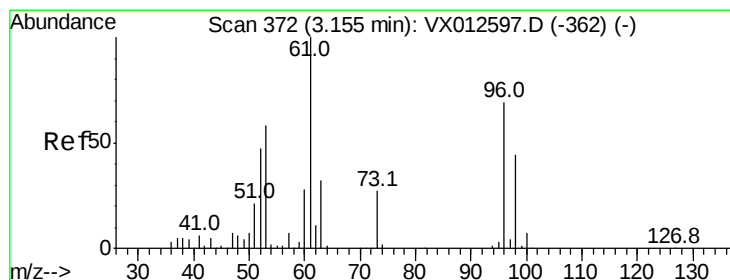
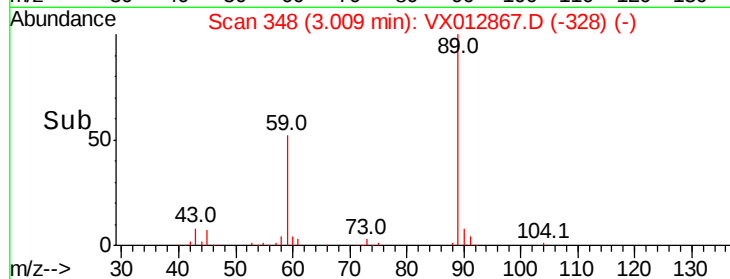
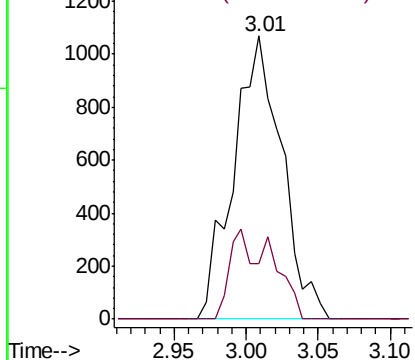
Methyl tert-butyl Ether  
 Concen: 0.342 ug/l  
 RT: 3.01 min Scan# 348  
 Delta R.T. -0.18 min  
 Lab File: VX012867.D  
 Acq: 08 Oct 2019 03:39

Instrument :  
 MSVOA\_X  
 ClientSampled :

Tot Ion: 73 Resp: 2490  
 Ion Ratio Lower Upper  
 73 100  
 57 19.7 16.8 25.2



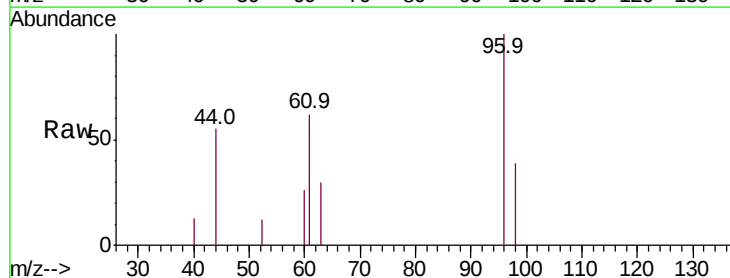
Abundance Ion 73.00 (72.70 to 73.70): VX0  
 Ion 57.00 (56.70 to 57.70): VX0



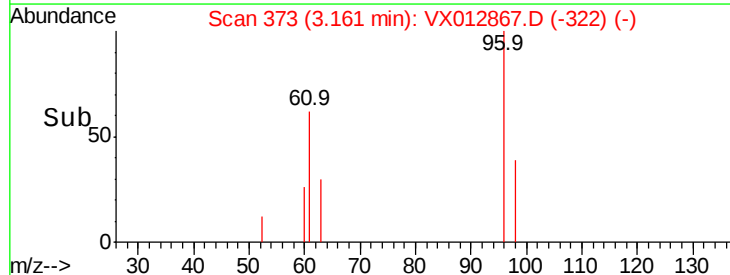
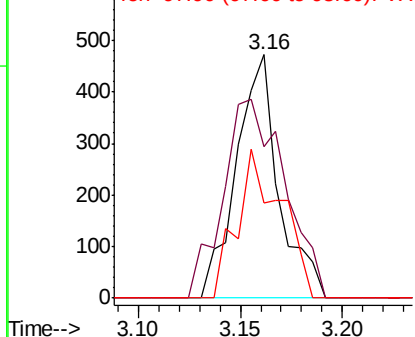
#21

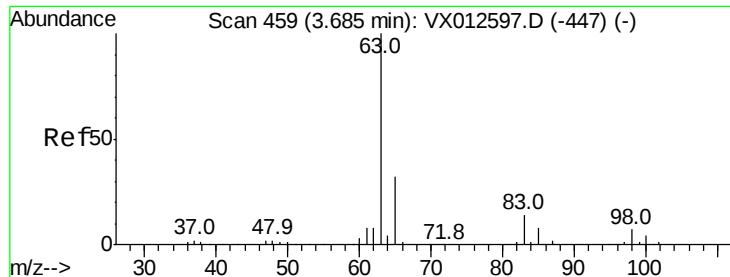
trans-1,2-Dichloroethene  
 Concen: 0.321 ug/l  
 RT: 3.16 min Scan# 373  
 Delta R.T. 0.01 min  
 Lab File: VX012867.D  
 Acq: 08 Oct 2019 03:39

Tgt Ion: 96 Resp: 683  
 Ion Ratio Lower Upper  
 96 100  
 61 62.1 112.0 168.0#  
 98 39.0 47.8 71.8#



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





#24

1,1-Dichloroethane

Concen: 0.612 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

Instrument :

MSVOA\_X

ClientSampled :

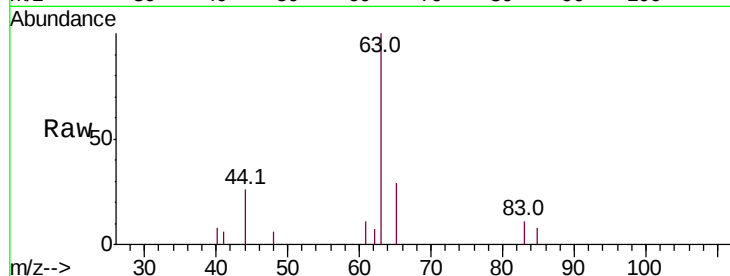
Tot Ion: 63 Resp: 2451

Ion Ratio Lower Upper

63 100

98 0.0 3.9 11.7#

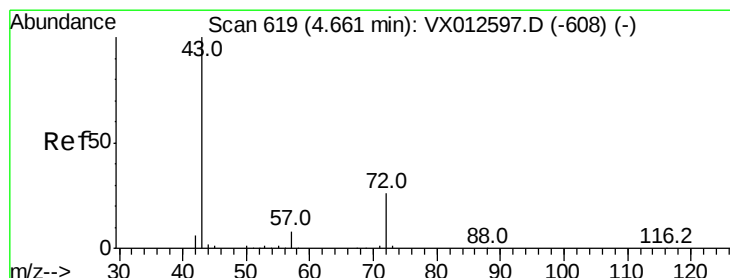
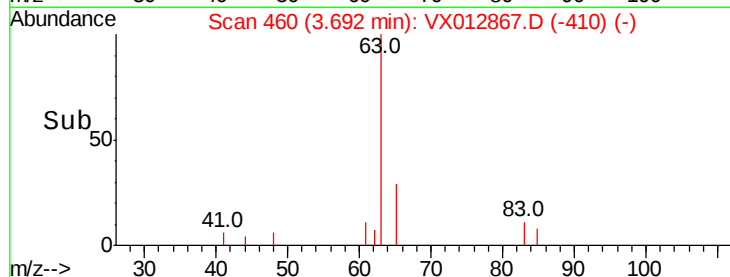
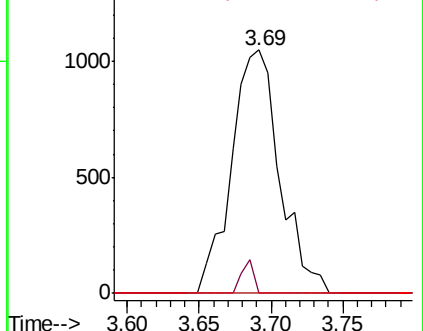
100 0.0 2.3 6.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#25

2-Butanone

Concen: 1.570 ug/l

RT: 4.69 min Scan# 623

Delta R.T. 0.02 min

Lab File: VX012867.D

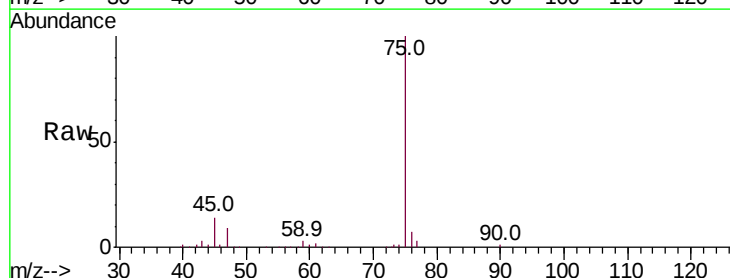
Acq: 08 Oct 2019 03:39

Tgt Ion: 43 Resp: 3101

Ion Ratio Lower Upper

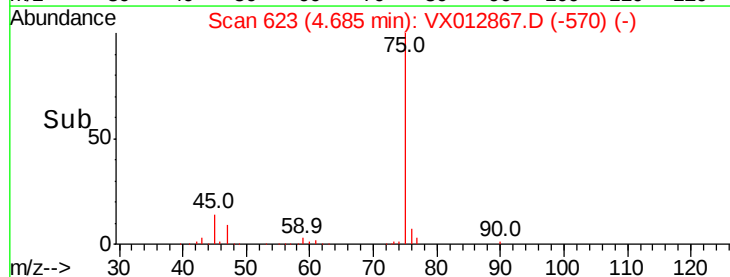
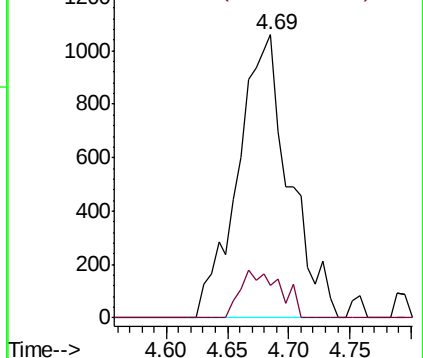
43 100

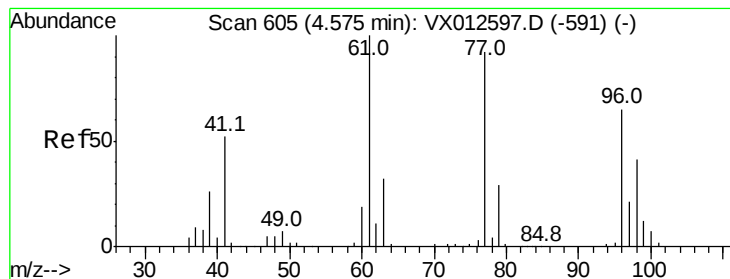
72 11.4 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#26

2,2-Dichloropropane

Concen: 1.273 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.10 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

Instrument :

MSVOA\_X

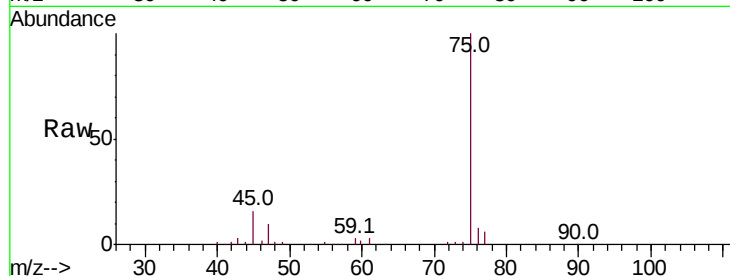
ClientSampleId :

Tot Ion: 77 Resp: 4532

Ion Ratio Lower Upper

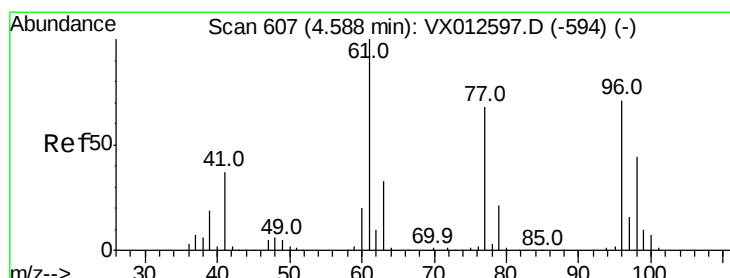
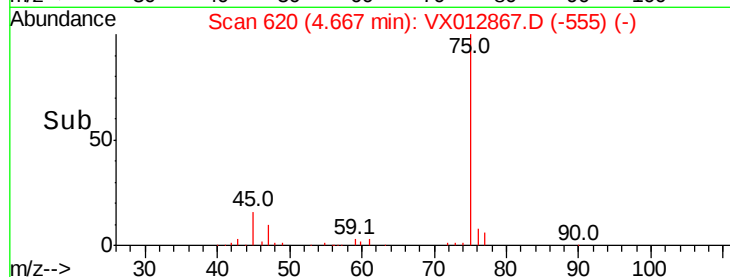
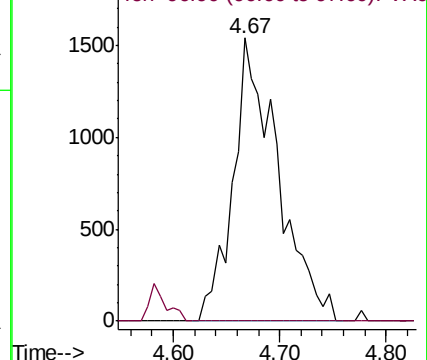
77 100

97 0.0 10.5 31.6#



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.889 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

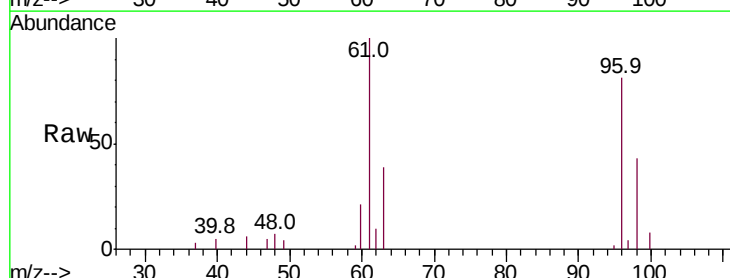
Tgt Ion: 96 Resp: 7133

Ion Ratio Lower Upper

96 100

61 132.9 0.0 319.4

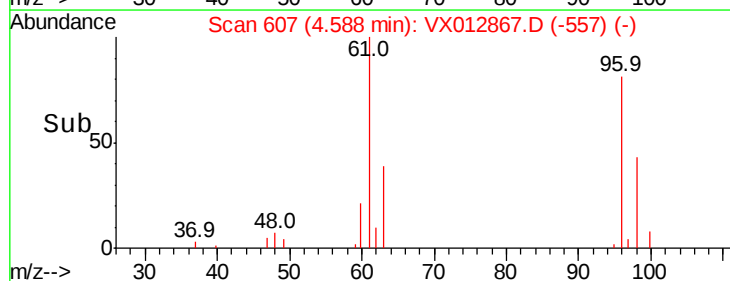
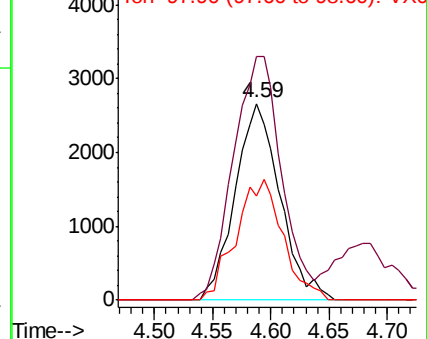
98 63.8 0.0 130.6

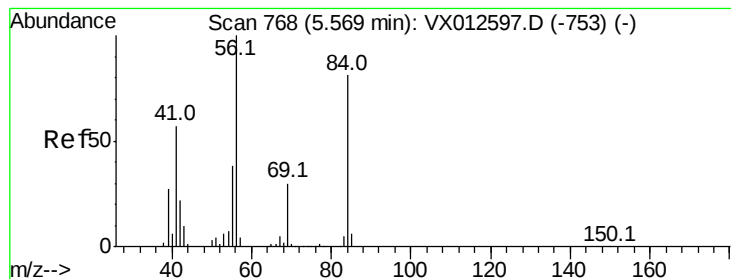


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#31

Cyclohexane

Concen: 1.113 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.09 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

Instrument :  
MSVOA\_X  
ClientSampled :

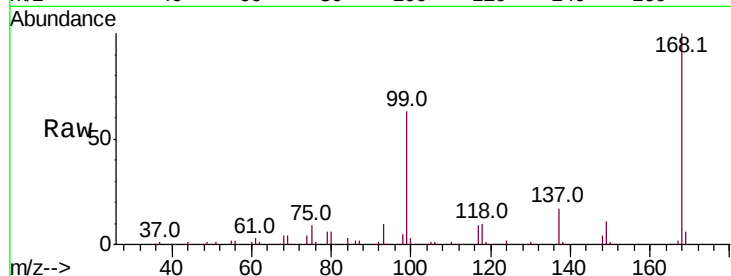
Tot Ion: 56 Resp: 4031

Ion Ratio Lower Upper

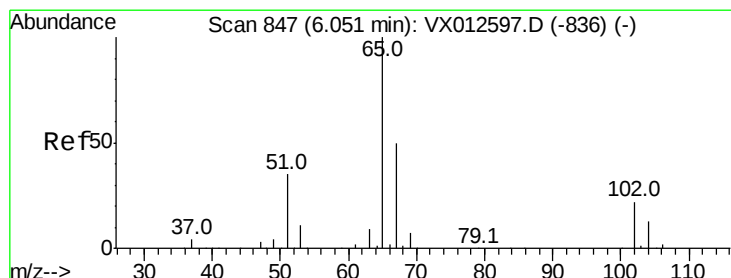
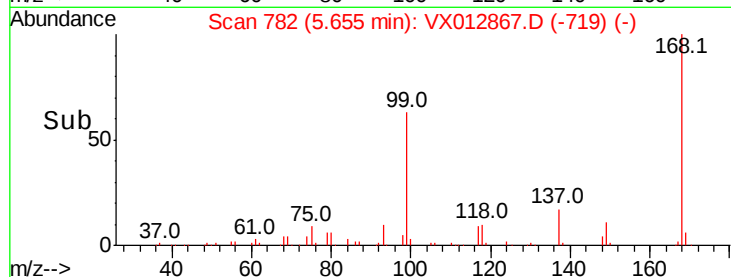
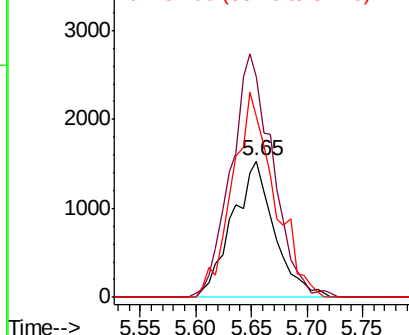
56 100

69 161.7 25.0 37.6#

84 132.1 66.4 99.6#



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: 44.903 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012867.D

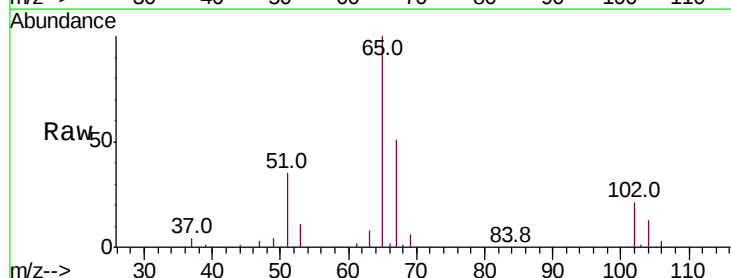
Acq: 08 Oct 2019 03:39

Tgt Ion: 65 Resp: 116811

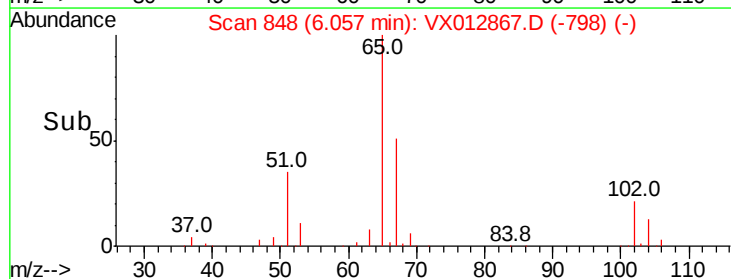
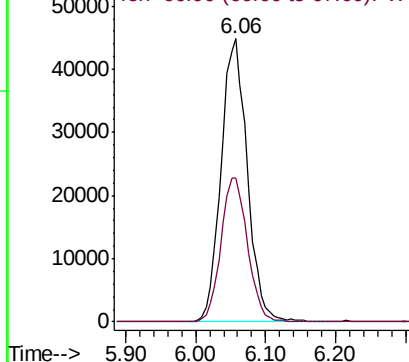
Ion Ratio Lower Upper

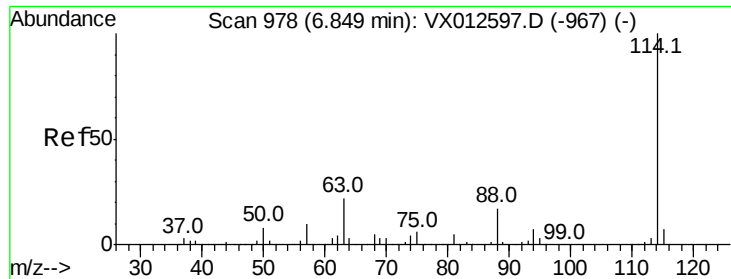
65 100

67 51.8 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0  
Ion 66.90 (66.60 to 67.60): VX0

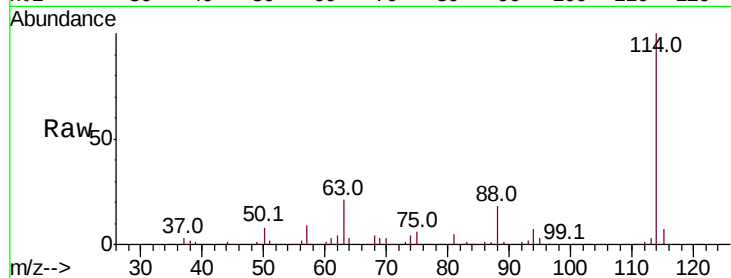




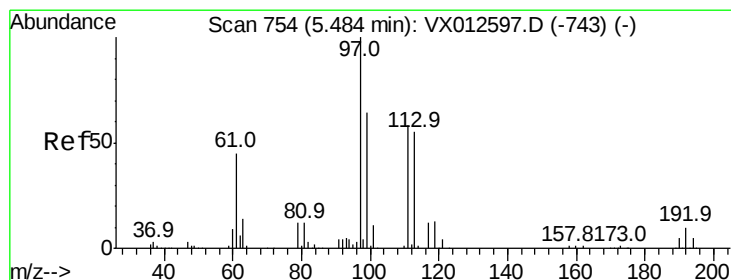
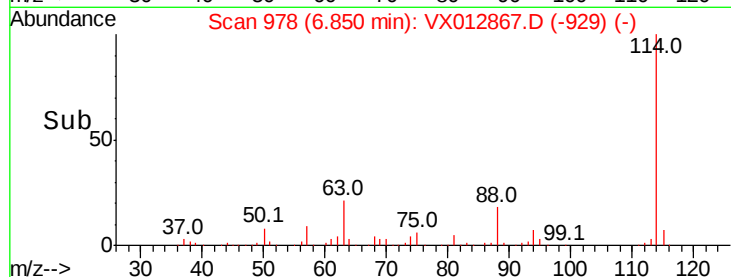
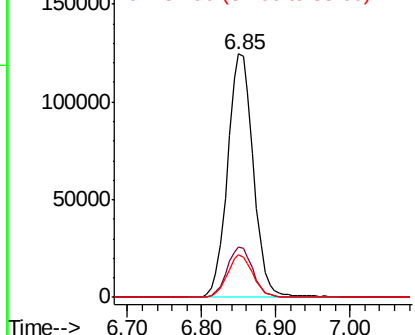
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. 0.00 min  
 Lab File: VX012867.D  
 Acq: 08 Oct 2019 03:39

Instrument :  
 MSVOA\_X  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 20.9  | 0.0   | 43.2  |
| 88      | 17.5  | 0.0   | 33.2  |

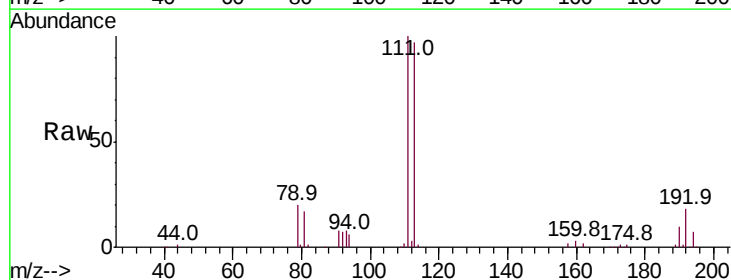


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VX0  
 Ion 87.90 (87.60 to 88.60): VX0

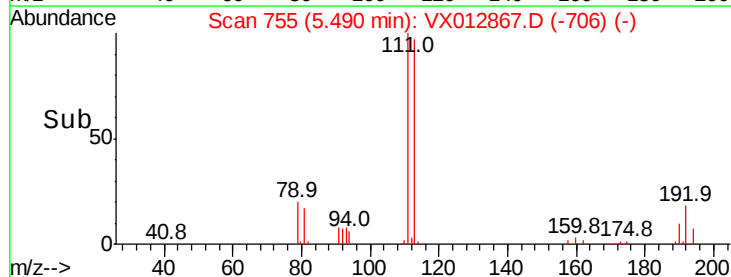
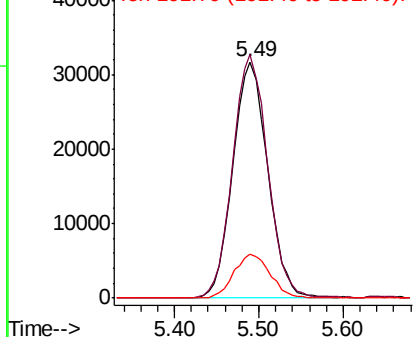


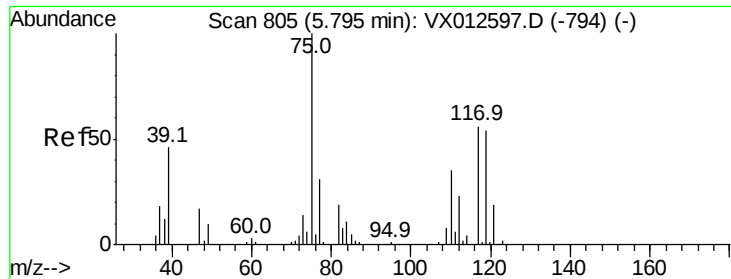
#35  
 Dibromofluoromethane  
 Concen: 49.695 ug/l  
 RT: 5.49 min Scan# 755  
 Delta R.T. 0.00 min  
 Lab File: VX012867.D  
 Acq: 08 Oct 2019 03:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.8 | 83.4  | 125.2 |
| 192     | 19.2  | 14.4  | 21.6  |



Abundance Ion 112.80 (112.50 to 113.50): V  
 Ion 110.80 (110.50 to 111.50): V  
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.323 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

Instrument :

MSVOA\_X

ClientSampleId :

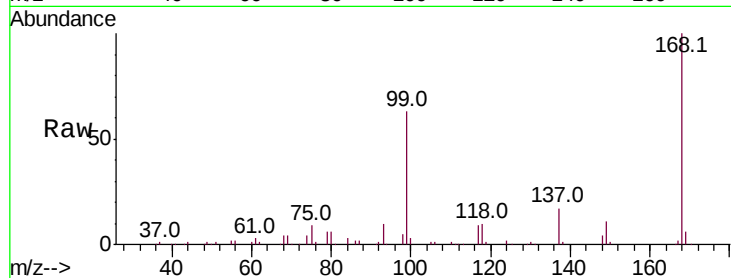
Tot Ion: 75 Resp: 15448

Ion Ratio Lower Upper

75 100

110 8.5 16.7 50.0#

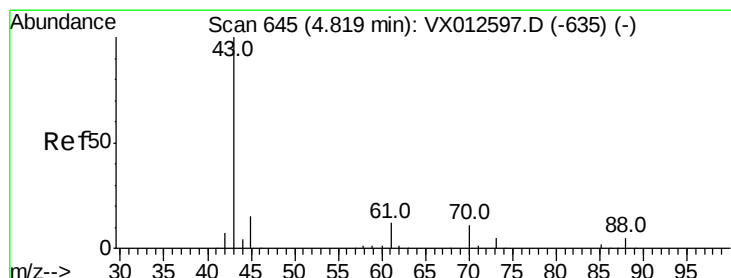
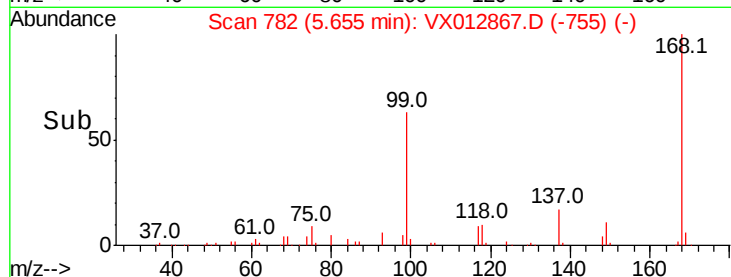
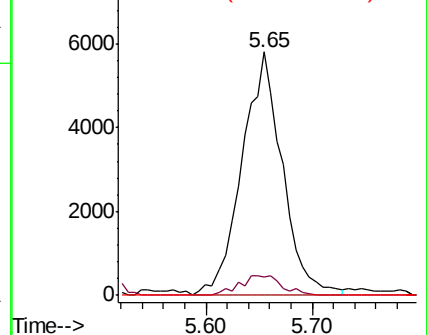
77 0.0 24.2 36.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 0.914 ug/l

RT: 4.69 min Scan# 623

Delta R.T. -0.13 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

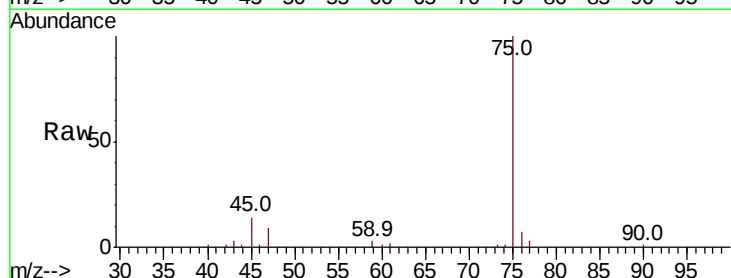
Tgt Ion: 43 Resp: 3101

Ion Ratio Lower Upper

43 100

61 89.1 10.2 15.4#

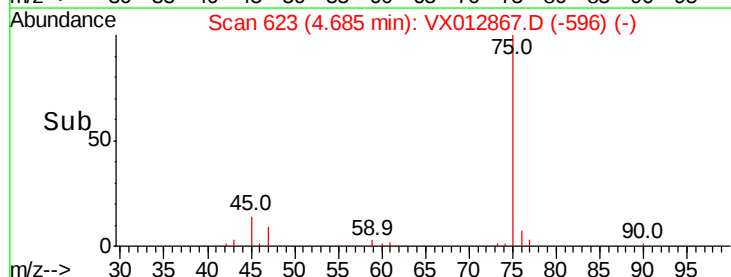
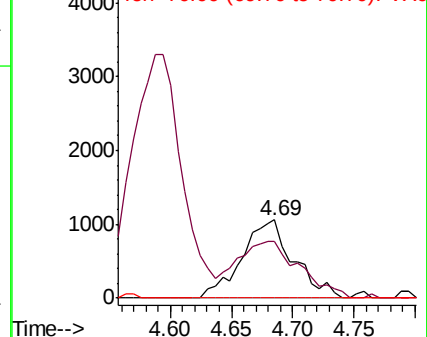
70 0.0 8.7 13.1#

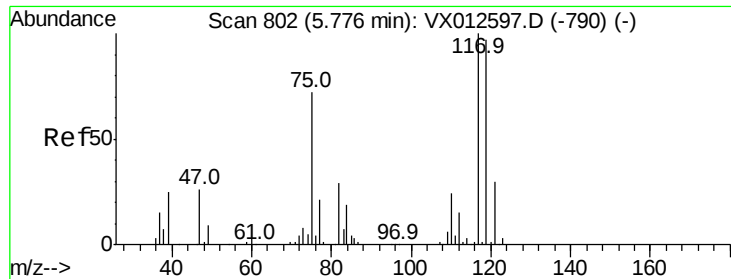


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0

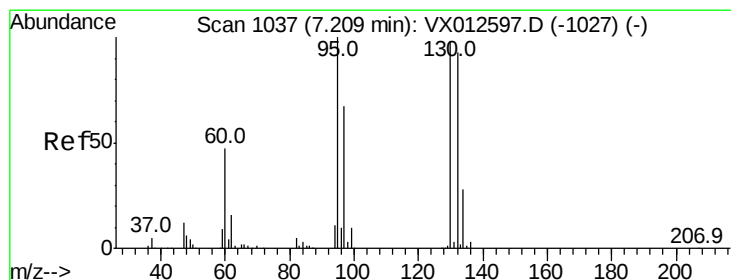
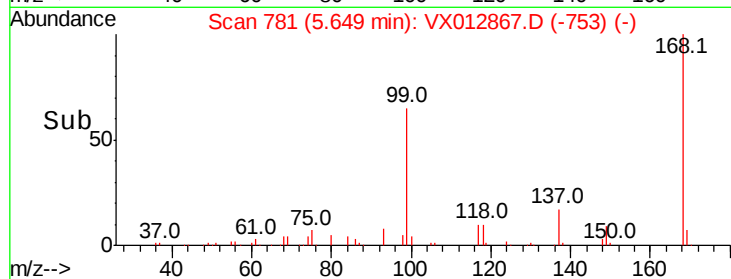
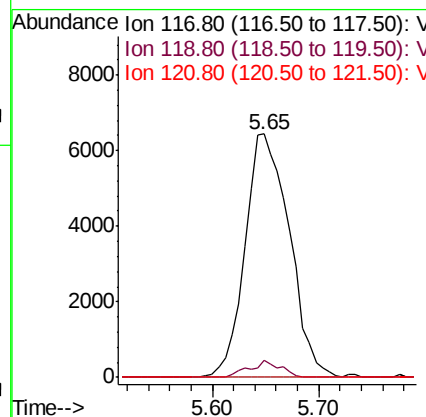
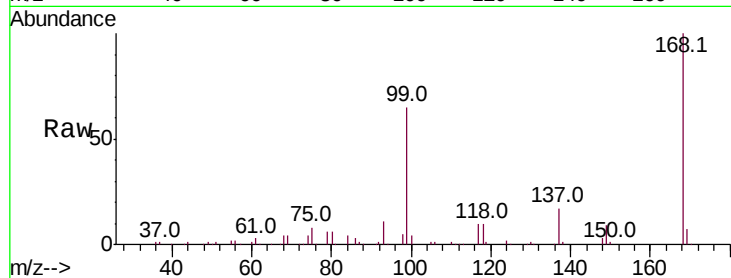




#38  
 Carbon Tetrachloride  
 Concen: 6.363 ug/l  
 RT: 5.65 min Scan# 781  
 Delta R.T. -0.13 min  
 Lab File: VX012867.D  
 Acq: 08 Oct 2019 03:39

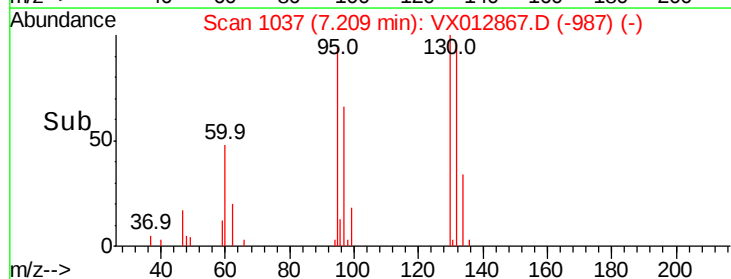
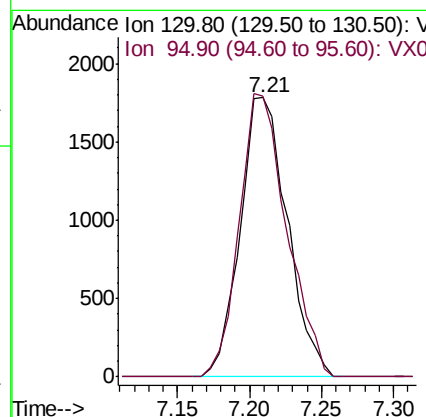
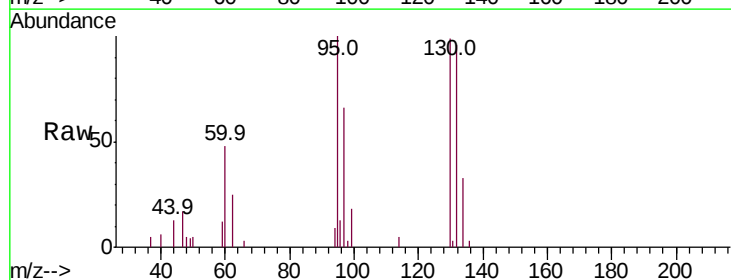
Instrument :  
 MSVOA\_X  
 ClientSampleId :

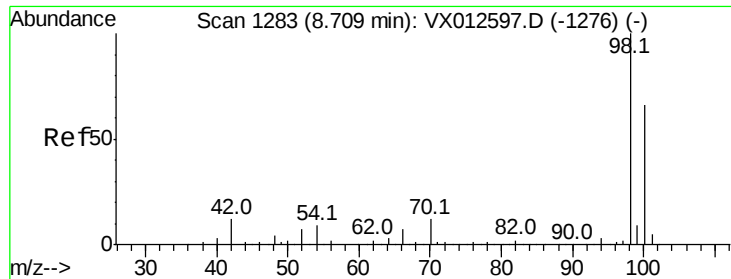
Tot Ion:117 Resp: 18758  
 Ion Ratio Lower Upper  
 117 100  
 119 6.8 75.7 113.5#  
 121 0.0 24.2 36.4#



#44  
 Trichloroethene  
 Concen: 1.848 ug/l  
 RT: 7.21 min Scan# 1037  
 Delta R.T. 0.01 min  
 Lab File: VX012867.D  
 Acq: 08 Oct 2019 03:39

Tgt Ion:130 Resp: 4034  
 Ion Ratio Lower Upper  
 130 100  
 95 100.5 0.0 193.0

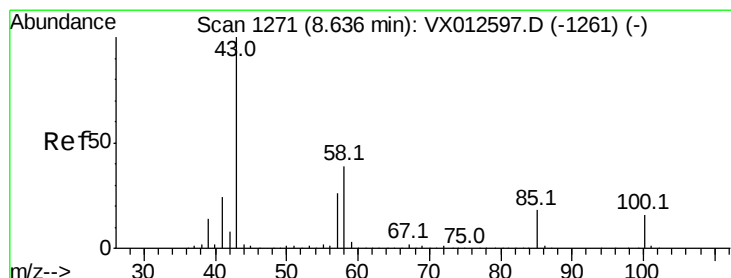
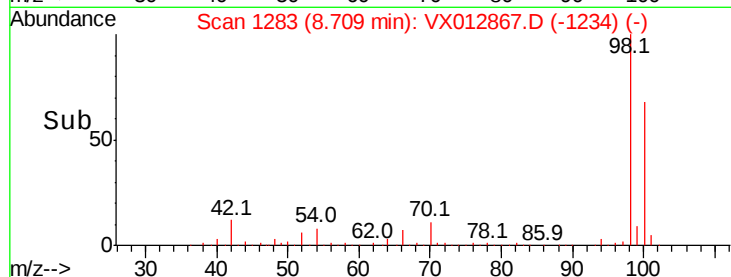
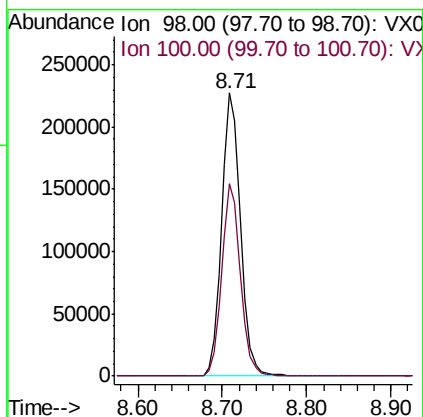
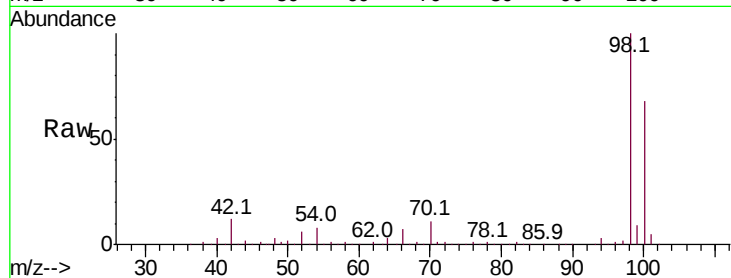




#50  
Toluene-d8  
Concen: 51.135 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.00 min  
Lab File: VX012867.D  
Acq: 08 Oct 2019 03:39

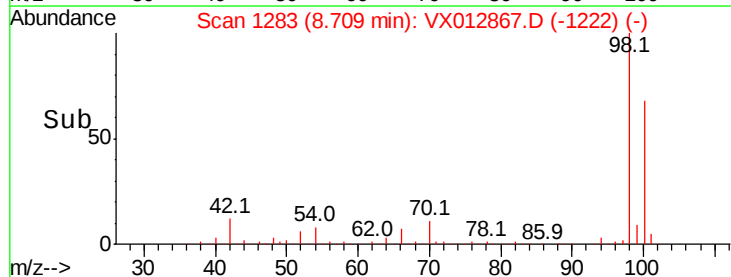
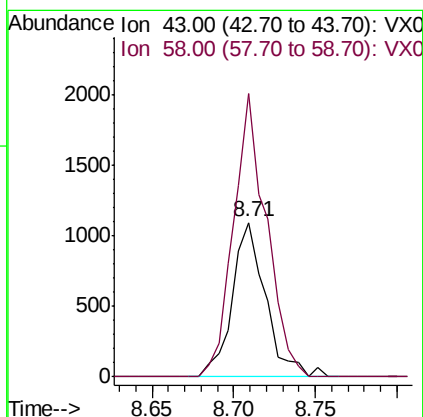
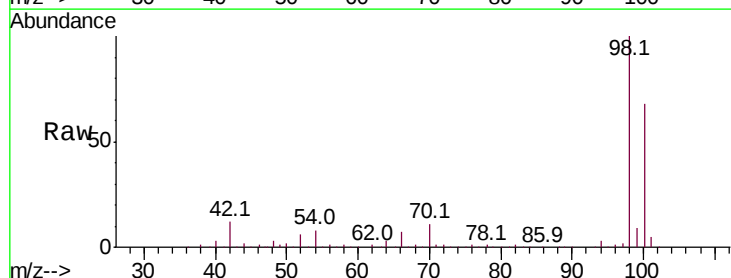
Instrument :  
MSVOA\_X  
ClientSampled :

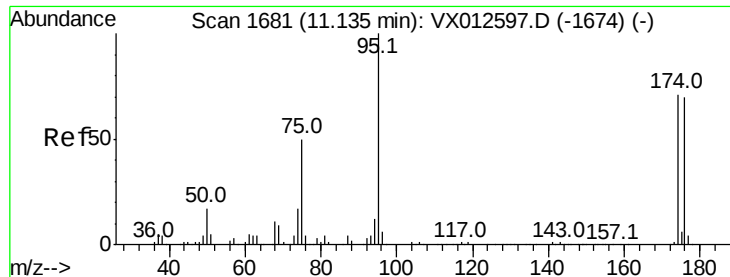
Tot Ion: 98 Resp: 353099  
Ion Ratio Lower Upper  
98 100  
100 67.3 53.4 80.2



#51  
4-Methyl-2-Pentanone  
Concen: 0.445 ug/l  
RT: 8.71 min Scan# 1283  
Delta R.T. 0.07 min  
Lab File: VX012867.D  
Acq: 08 Oct 2019 03:39

Tgt Ion: 43 Resp: 1558  
Ion Ratio Lower Upper  
43 100  
58 180.9 29.8 44.6#





#62

4-Bromofluorobenzene

Concen: 42.711 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

Instrument :

MSVOA\_X

ClientSampleId :

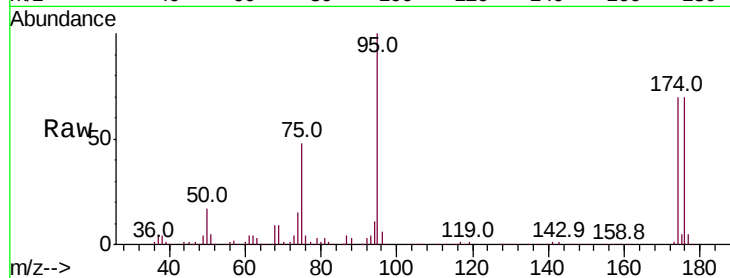
Tot Ion: 95 Resp: 115968

Ion Ratio Lower Upper

95 100

174 69.1 0.0 140.0

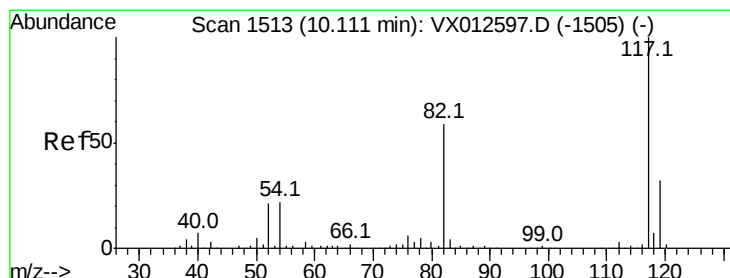
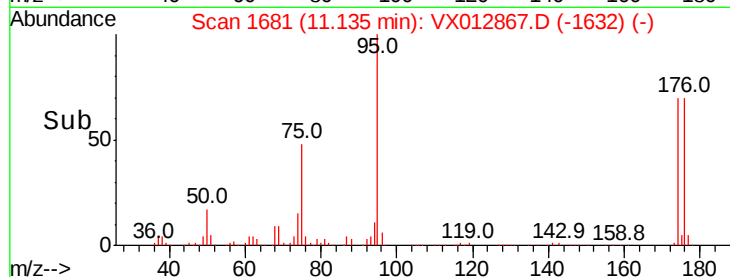
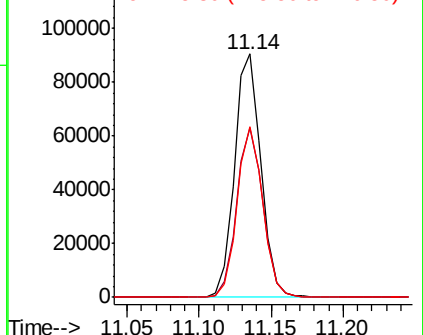
176 68.1 0.0 135.4



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: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

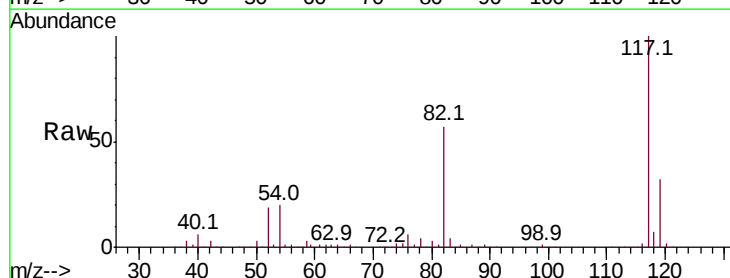
Tgt Ion: 117 Resp: 249432

Ion Ratio Lower Upper

117 100

82 57.2 45.9 68.9

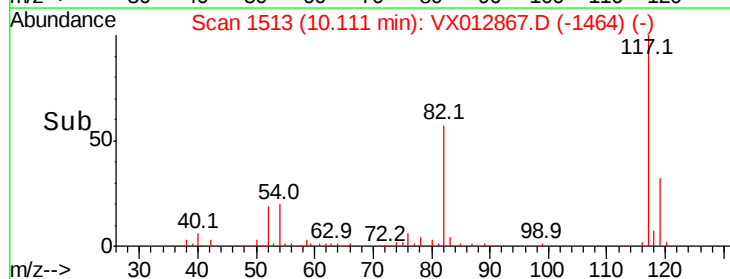
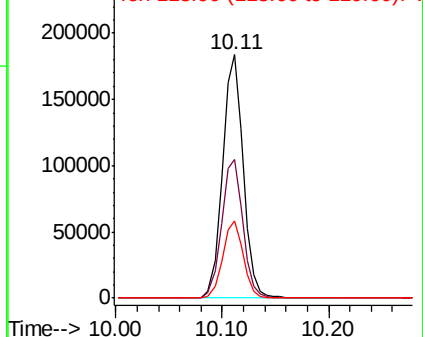
119 31.8 25.3 37.9

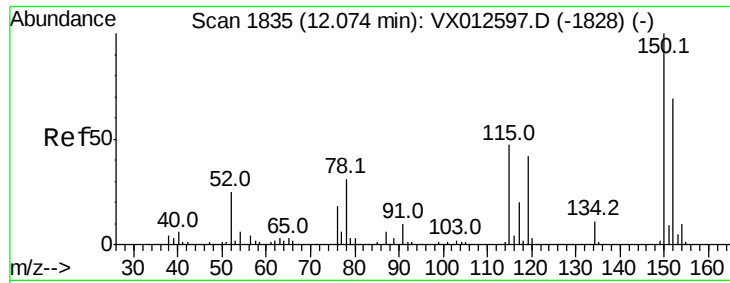


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



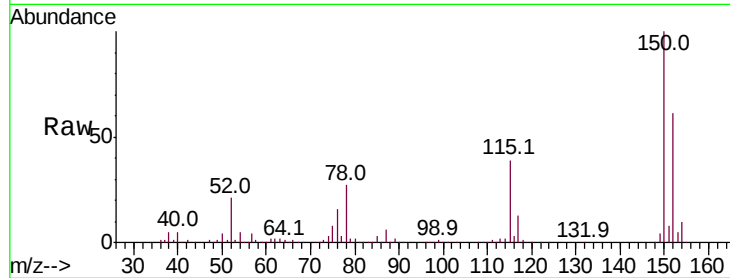


#72

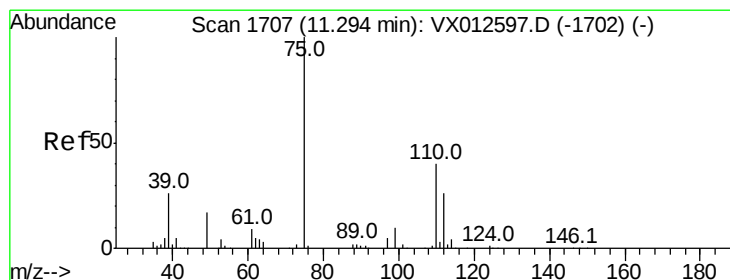
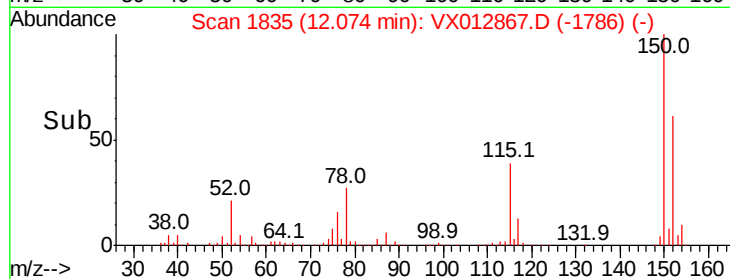
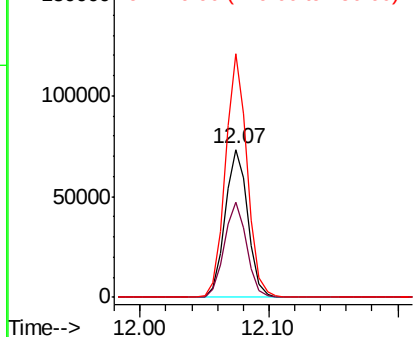
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.07 min Scan# 1835  
Delta R.T. 0.00 min  
Lab File: VX012867.D  
Acq: 08 Oct 2019 03:39

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:152 Resp: 91047  
Ion Ratio Lower Upper  
152 100  
115 63.2 44.1 132.3  
150 157.0 0.0 343.8



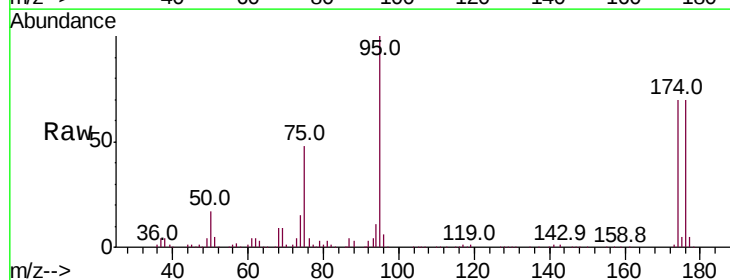
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



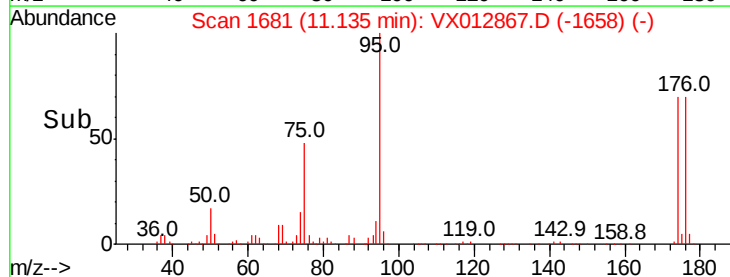
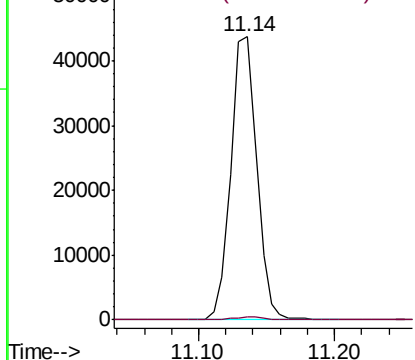
#76

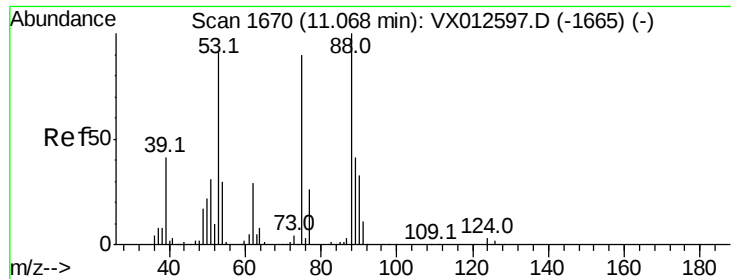
1,2,3-Trichloropropane  
Concen: 24.243 ug/l  
RT: 11.14 min Scan# 1681  
Delta R.T. -0.16 min  
Lab File: VX012867.D  
Acq: 08 Oct 2019 03:39

Tgt Ion: 75 Resp: 58388  
Ion Ratio Lower Upper  
75 100  
77 1.2 19.7 59.0#



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: 69.476 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012867.D

Acq: 08 Oct 2019 03:39

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 75 Resp: 58388

Ion Ratio Lower Upper

75 100

53 0.0 83.6 125.4#

89 0.0 36.3 54.5#

