

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\  
 Data File : VX002474.D  
 Acq On : 12 Jun 2018 18:38  
 Operator : JC/MD  
 Sample : J3404-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 13 01:27:20 2018  
 Quant Method : Z:\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  | 204187   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 298358   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 281111   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 158318   | 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   | 160531   | 55.35 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 110.70% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 119309   | 50.85 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.70% |          |
| 50) Toluene-d8              | 8.72  | 98   | 463621   | 51.55 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.10% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 161756   | 46.64 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.28%  |          |

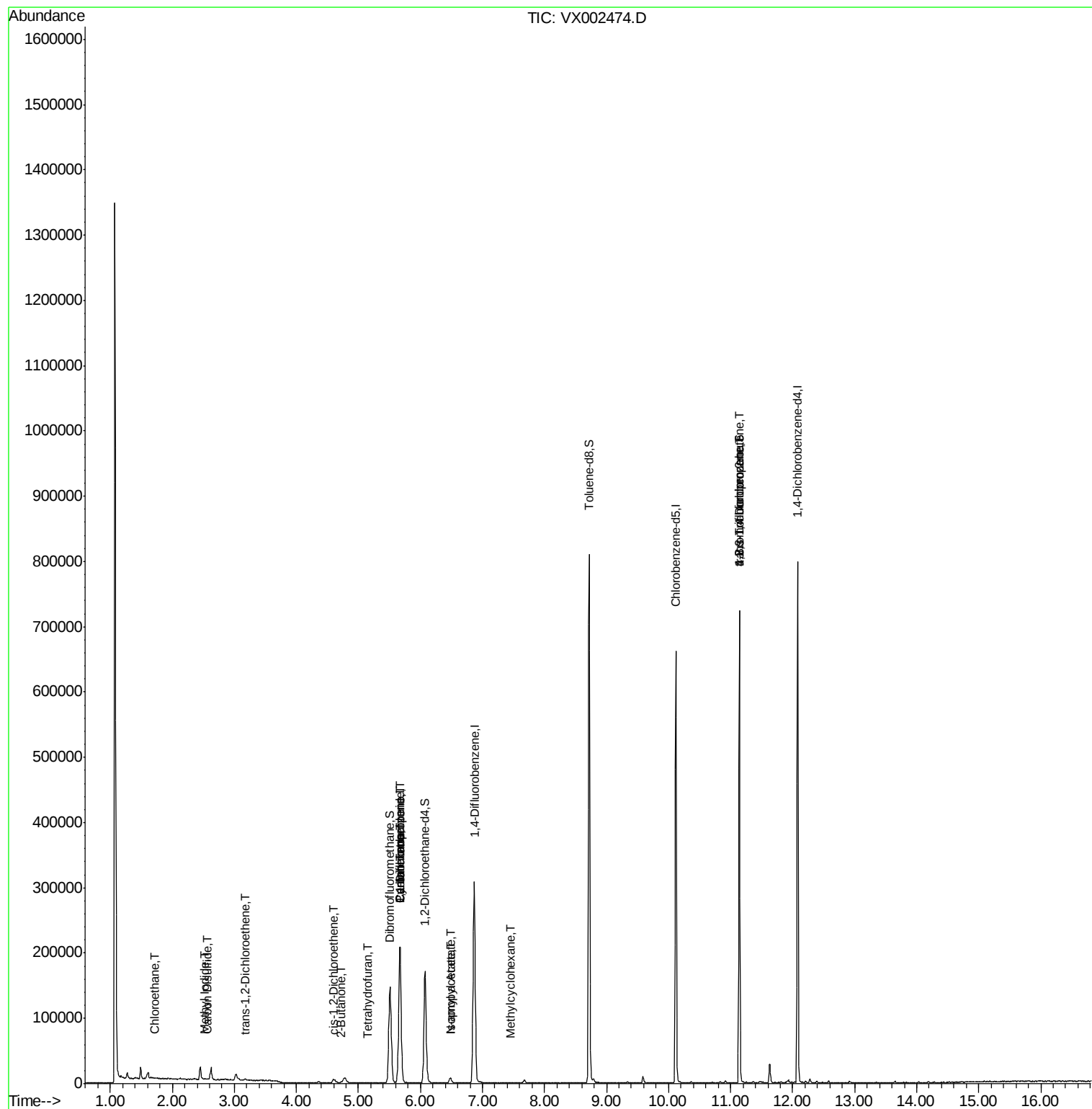
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.33  | 50   | 428      | Below Cal |        | 92     |
| 5) Bromomethane                | 1.65  | 94   | 823      | Below Cal | #      | 54     |
| 6) Chloroethane                | 1.72  | 64   | 438      | 0.25      | ug/l # | 43     |
| 8) Diethyl Ether               | 2.18  | 74   | 285      | Below Cal |        | 80     |
| 10) Methyl Iodide              | 2.53  | 142  | 1702     | 0.55      | ug/l # | 89     |
| 11) Tert butyl alcohol         | 3.02  | 59   | 5276     | Below Cal | #      | 86     |
| 13) Acrolein                   | 2.30  | 56   | 424      | Below Cal | #      | 14     |
| 15) Acrylonitrile              | 3.13  | 53   | 25       | Below Cal | #      | 1      |
| 16) Acetone                    | 2.45  | 43   | 22476    | Below Cal |        | 95     |
| 17) Carbon Disulfide           | 2.57  | 76   | 1240     | 0.22      | ug/l # | 83     |
| 18) Methyl Acetate             | 2.78  | 43   | 566      | Below Cal |        | 92     |
| 19) Methyl tert-butyl Ether    | 3.21  | 73   | 44       | Below Cal | #      | 1      |
| 20) Methylene Chloride         | 2.86  | 84   | 284      | Below Cal | #      | 76     |
| 21) trans-1,2-Dichloroethene   | 3.17  | 96   | 751      | 0.31      | ug/l # | 66     |
| 22) Diisopropyl ether          | 3.88  | 45   | 181      | Below Cal | #      | 35     |
| 25) 2-Butanone                 | 4.71  | 43   | 1368     | 0.68      | ug/l # | 89     |
| 27) cis-1,2-Dichloroethene     | 4.60  | 96   | 2787     | 1.07      | ug/l   | 55     |
| 28) Bromochloromethane         | 5.04  | 49   | 59       | Below Cal | #      | 13     |
| 29) Tetrahydrofuran            | 5.16  | 42   | 285      | 0.22      | ug/l # | 72     |
| 31) Cyclohexane                | 5.67  | 56   | 4533     | 1.23      | ug/l # | 33     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 15078    | 4.81      | ug/l # | 50     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 19355    | 5.90      | ug/l # | 17     |
| 39) Methylcyclohexane          | 7.45  | 83   | 126      | 0.29      | ug/l # | 74     |
| 43) Isopropyl Acetate          | 6.48  | 43   | 3496     | 0.55      | ug/l # | 63     |
| 74) N-amyl acetate             | 6.48  | 43   | 3496     | 0.59      | ug/l # | 59     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 89349    | 25.72     | ug/l # | 33     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 89349    | 90.16     | ug/l # | 6      |

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

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Sample : J3404-02  
Misc : 5.0mL/MSVOA X/WATER  
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Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Jun 13 01:27:20 2018  
Quant Method : Z:\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: VX002474.D

Acq: 12 Jun 2018 18:38

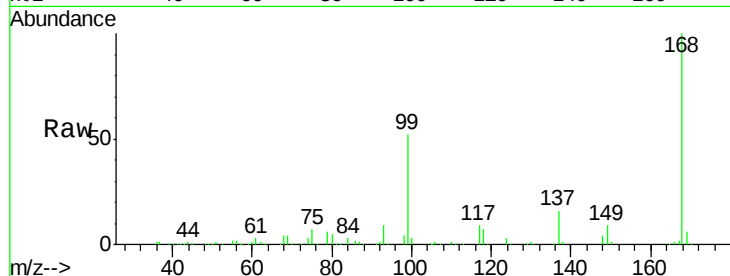
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion:168 Resp: 204187

Ion Ratio Lower Upper

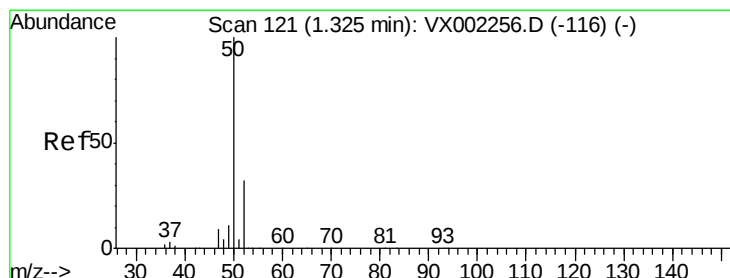
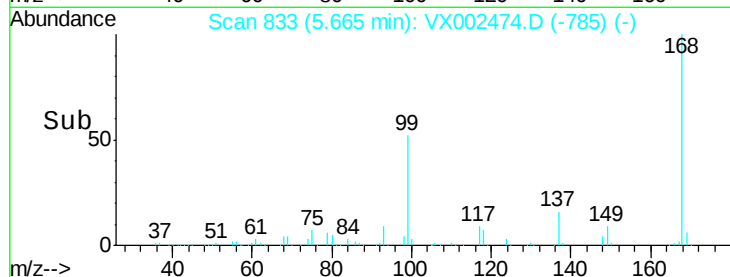
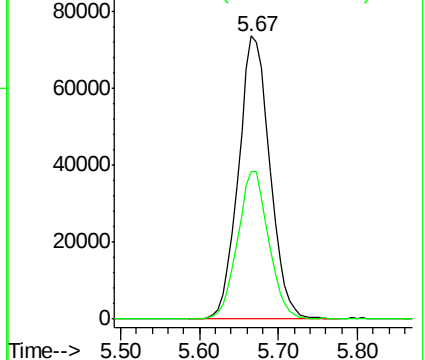
168 100

99 52.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002474.D

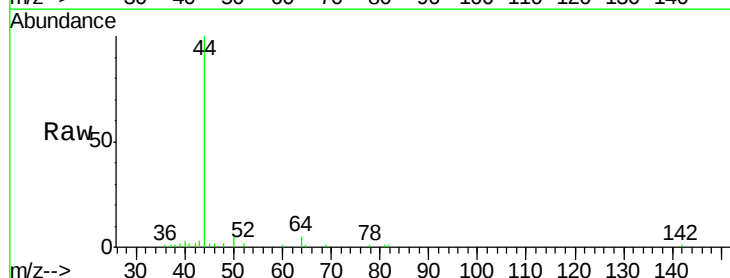
Acq: 12 Jun 2018 18:38

Tgt Ion: 50 Resp: 428

Ion Ratio Lower Upper

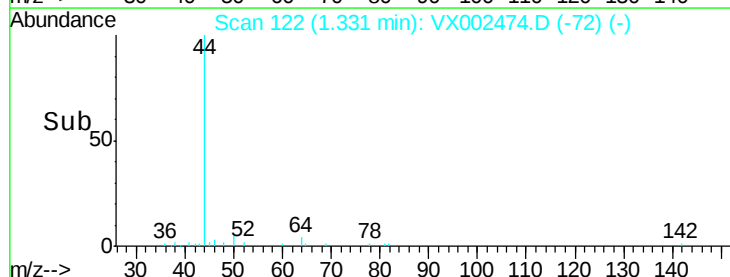
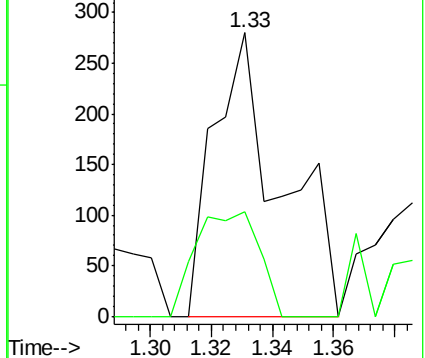
50 100

52 36.8 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

Instrument :

MSVOA\_X

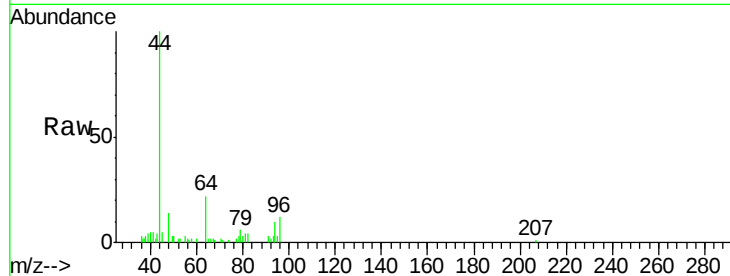
ClientSampled :

Tot Ion: 94 Resp: 823

Ion Ratio Lower Upper

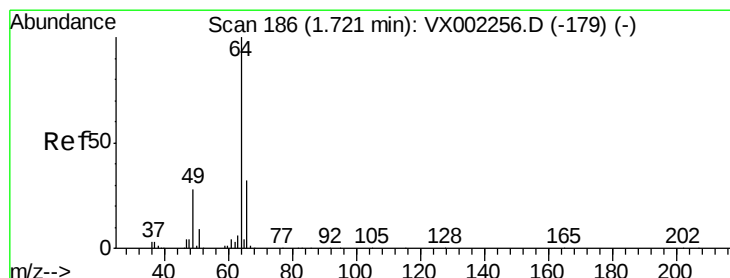
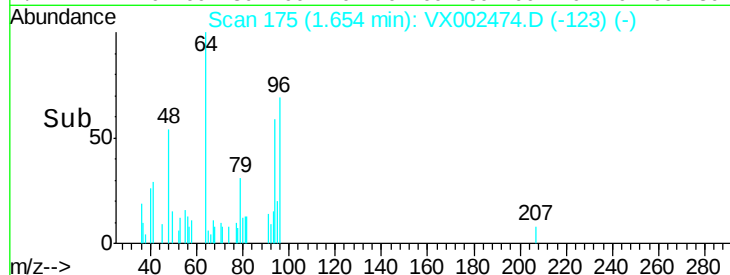
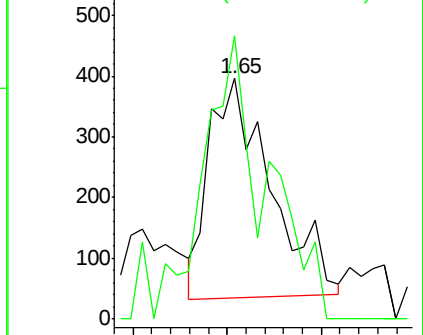
94 100

96 137.5 74.9 112.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.25 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002474.D

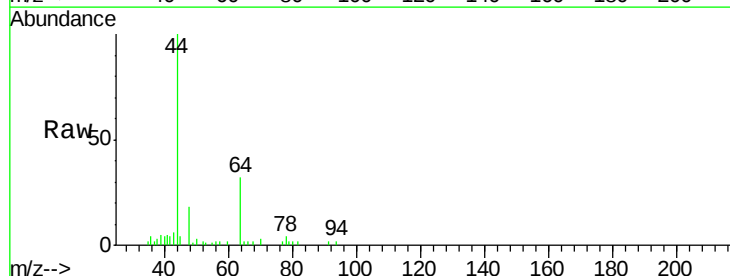
Acq: 12 Jun 2018 18:38

Tgt Ion: 64 Resp: 438

Ion Ratio Lower Upper

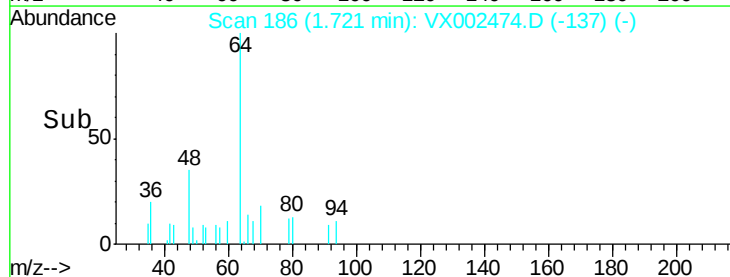
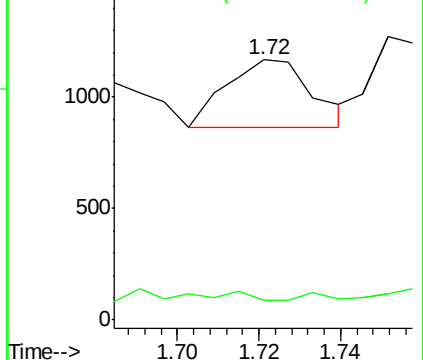
64 100

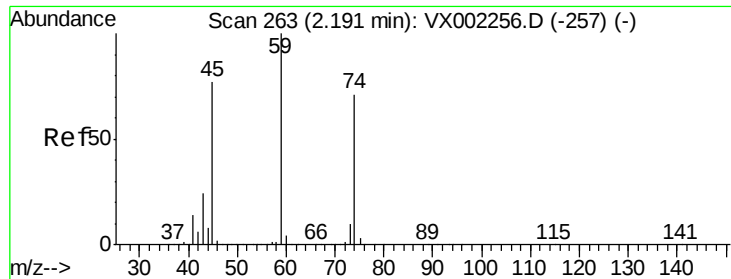
66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#8

Diethyl Ether

Concen: Below Cal

RT: 2.18 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

Instrument :

MSVOA\_X

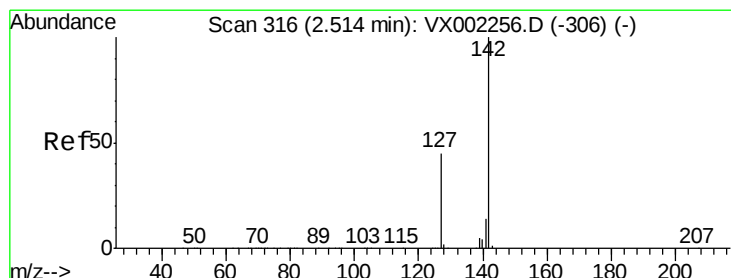
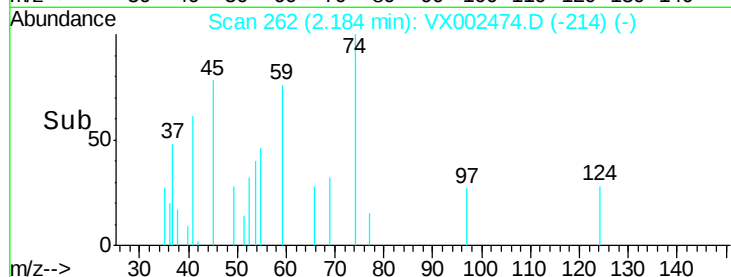
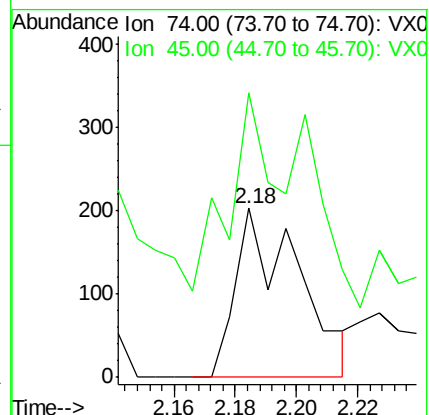
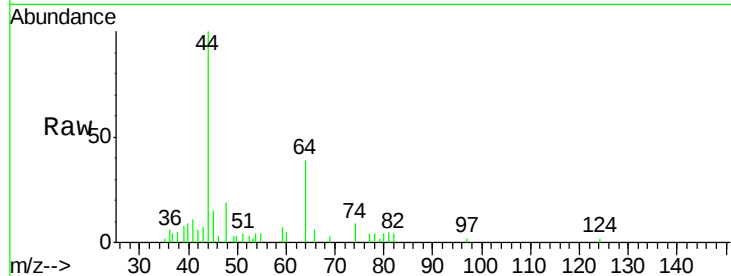
ClientSampleId :

Tot Ion: 74 Resp: 285

Ion Ratio Lower Upper

74 100

45 85.3 53.1 159.4



#10

Methyl Iodide

Concen: 0.55 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

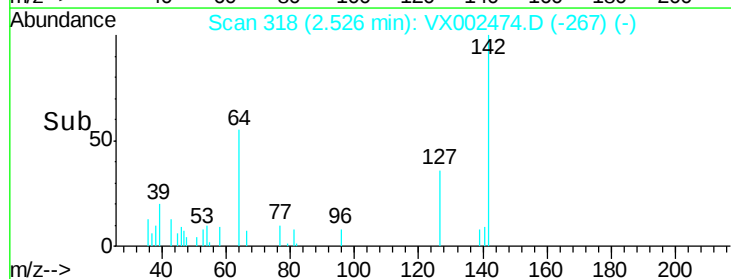
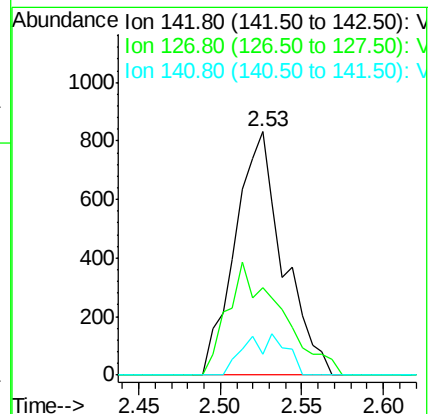
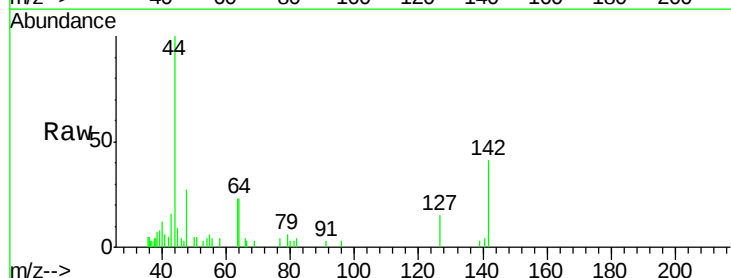
Tgt Ion: 142 Resp: 1702

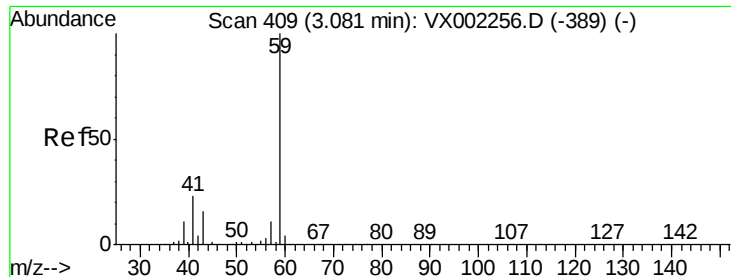
Ion Ratio Lower Upper

142 100

127 51.8 36.6 55.0

141 7.5 11.3 16.9#

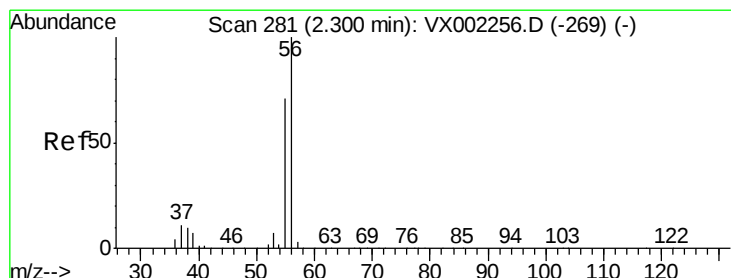
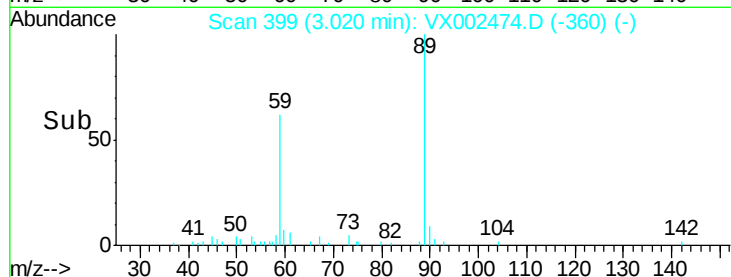
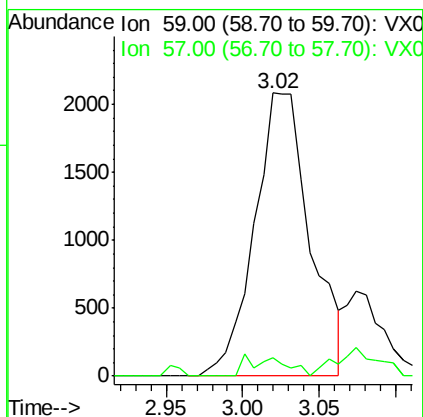
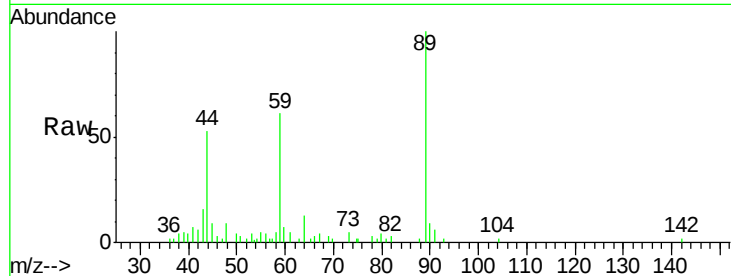




#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 3.02 min Scan# 399  
Delta R.T. -0.06 min  
Lab File: VX002474.D  
Acq: 12 Jun 2018 18:38

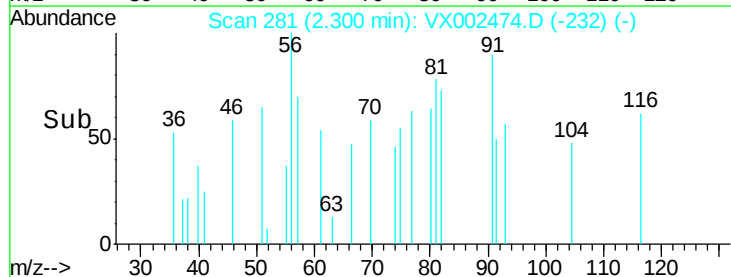
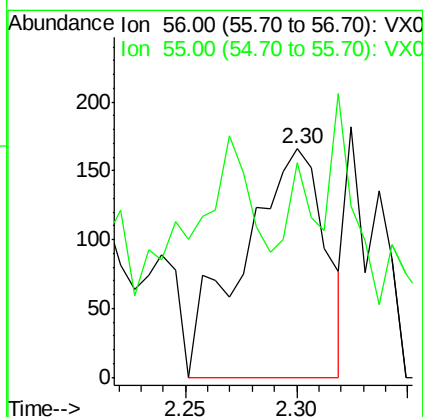
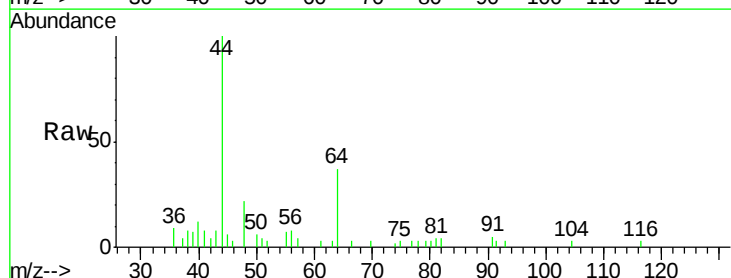
Instrument :  
MSVOA\_X  
ClientSampleId :

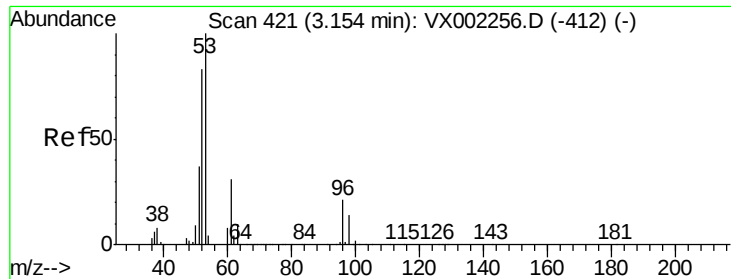
Tot Ion: 59 Resp: 5276  
Ion Ratio Lower Upper  
59 100  
57 4.9 8.2 12.2#



#13  
Acrolein  
Concen: Below Cal  
RT: 2.30 min Scan# 281  
Delta R.T. 0.00 min  
Lab File: VX002474.D  
Acq: 12 Jun 2018 18:38

Tgt Ion: 56 Resp: 424  
Ion Ratio Lower Upper  
56 100  
55 0.0 57.0 85.4#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.13 min Scan# 417

Delta R.T. -0.02 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

Instrument :

MSVOA\_X

ClientSampleId :

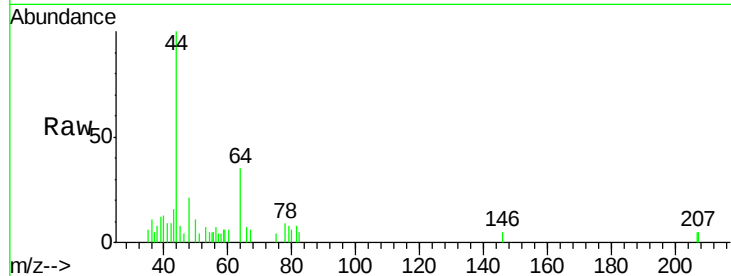
Tot Ion: 53 Resp: 25

Ion Ratio Lower Upper

53 100

52 536.0 66.7 100.1#

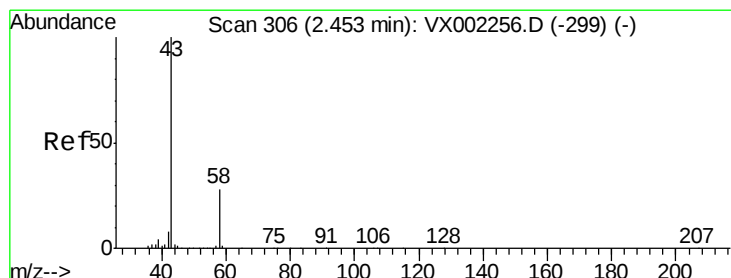
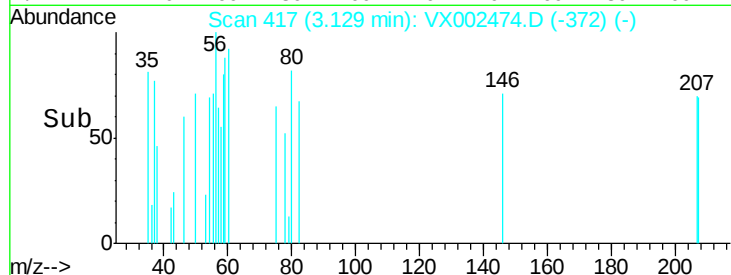
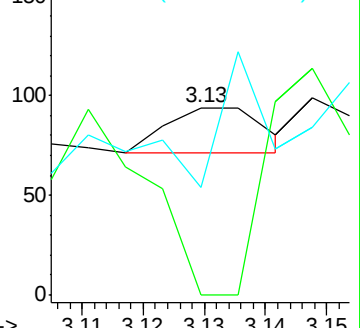
51 128.0 29.9 44.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002474.D

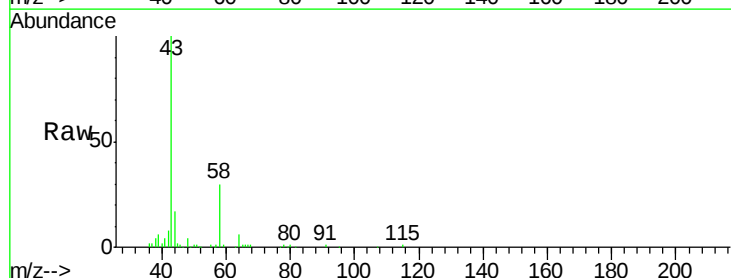
Acq: 12 Jun 2018 18:38

Tgt Ion: 43 Resp: 22476

Ion Ratio Lower Upper

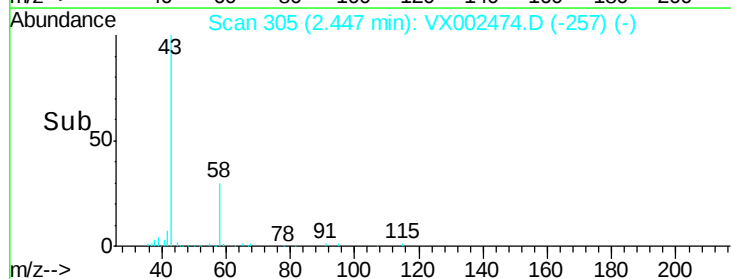
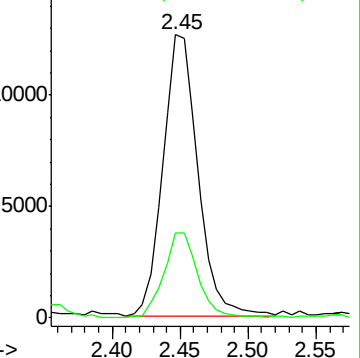
43 100

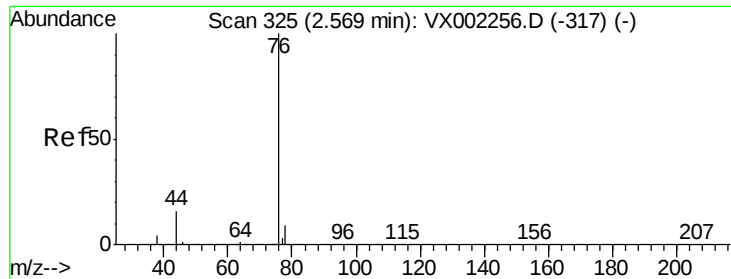
58 30.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

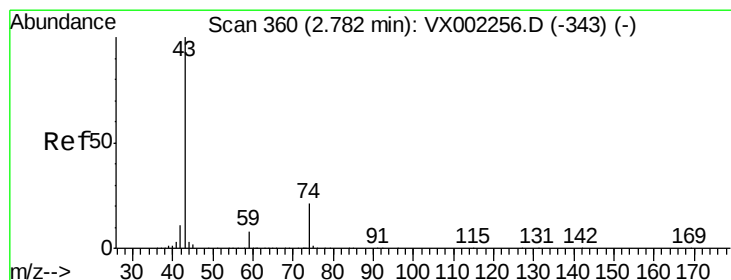
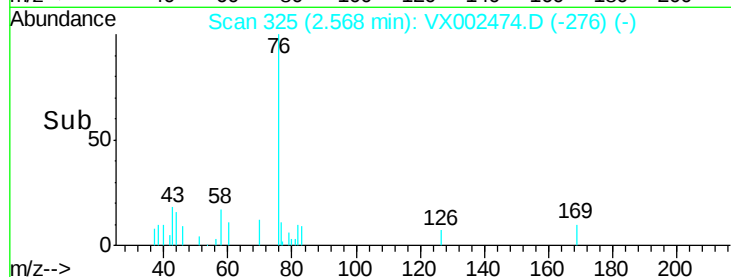
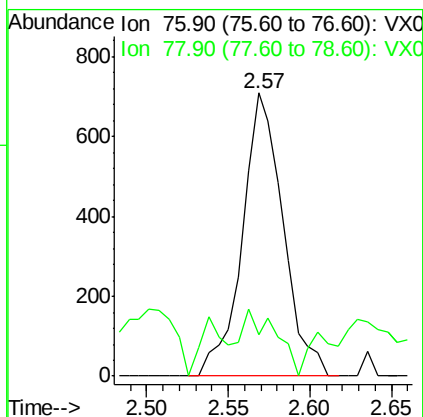
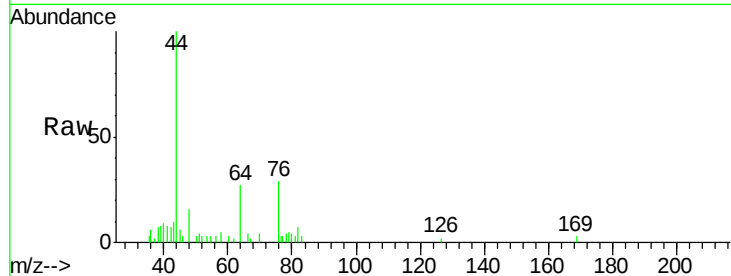




#17  
Carbon Disulfide  
Concen: 0.22 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. -0.00 min  
Lab File: VX002474.D  
Acq: 12 Jun 2018 18:38

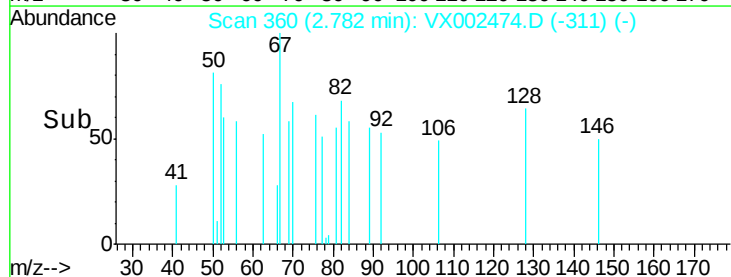
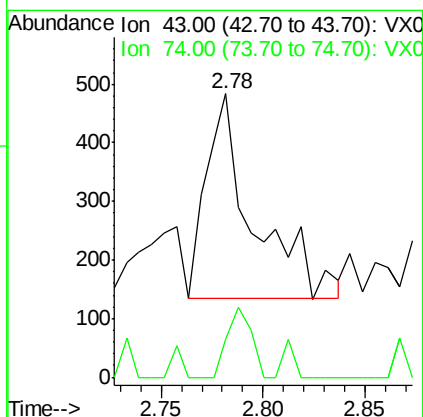
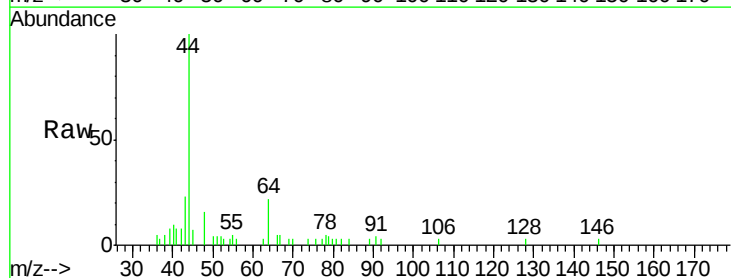
Instrument :  
MSVOA\_X  
ClientSampled :

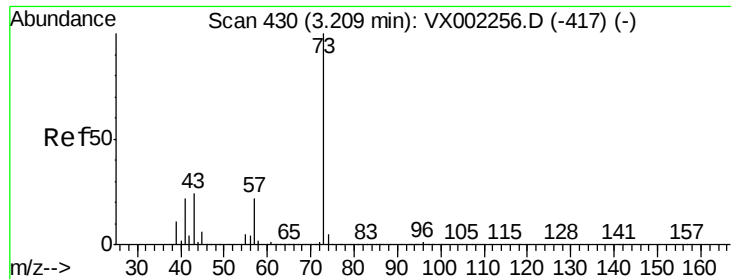
Tot Ion: 76 Resp: 1240  
Ion Ratio Lower Upper  
76 100  
78 14.7 6.9 10.3#



#18  
Methyl Acetate  
Concen: Below Cal  
RT: 2.78 min Scan# 360  
Delta R.T. -0.00 min  
Lab File: VX002474.D  
Acq: 12 Jun 2018 18:38

Tgt Ion: 43 Resp: 566  
Ion Ratio Lower Upper  
43 100  
74 17.1 16.7 25.1



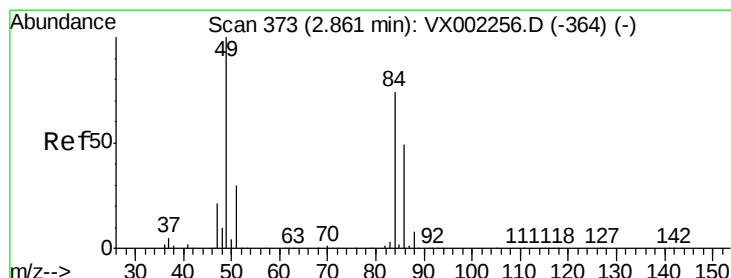
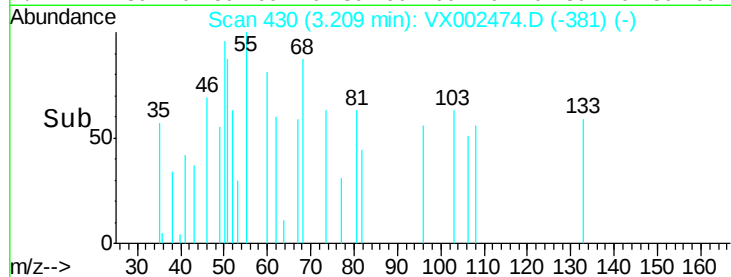
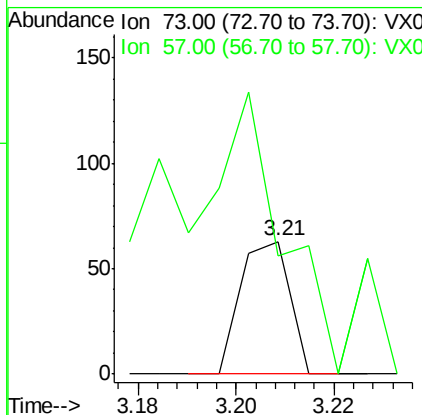
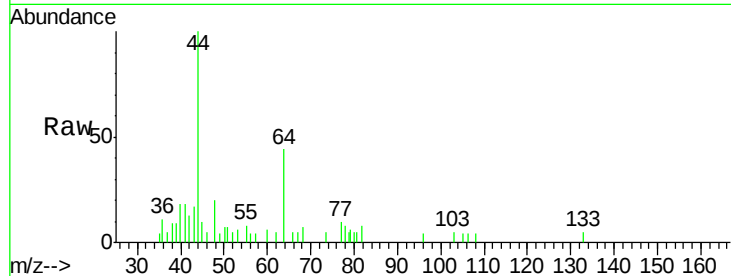


#19

Methyl tert-butyl Ether  
Concen: Below Cal  
RT: 3.21 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: VX002474.D  
Acq: 12 Jun 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampled :

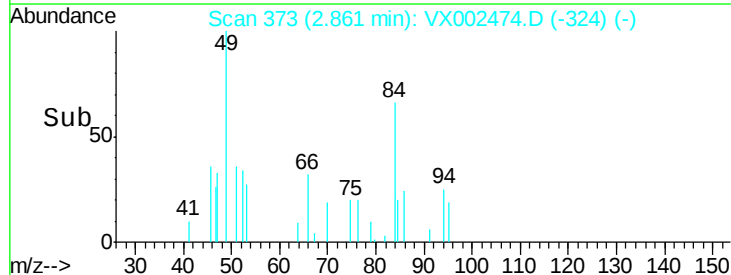
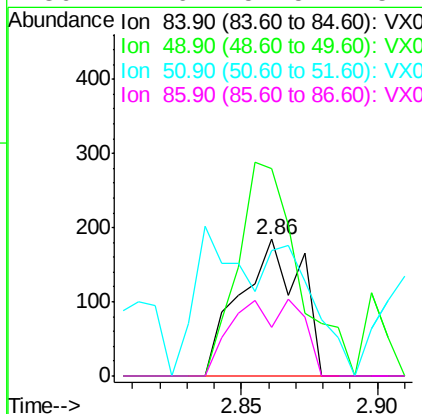
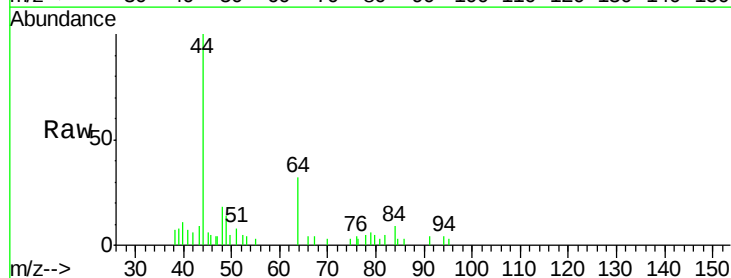
Tot Ion: 73 Resp: 44  
Ion Ratio Lower Upper  
73 100  
57 88.9 17.7 26.5#

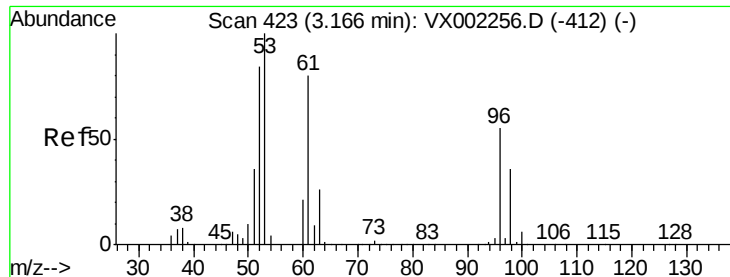


#20

Methylene Chloride  
Concen: Below Cal  
RT: 2.86 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: VX002474.D  
Acq: 12 Jun 2018 18:38

Tgt Ion: 84 Resp: 284  
Ion Ratio Lower Upper  
84 100  
49 117.2 107.8 161.6  
51 49.4 32.8 49.2#  
86 27.6 52.5 78.7#





#21

trans-1,2-Dichloroethene

Concen: 0.31 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampled :

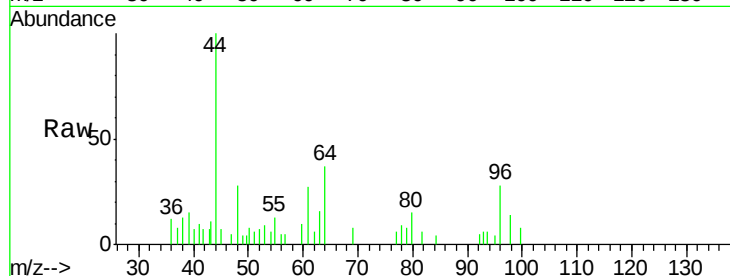
Tot Ion: 96 Resp: 751

Ion Ratio Lower Upper

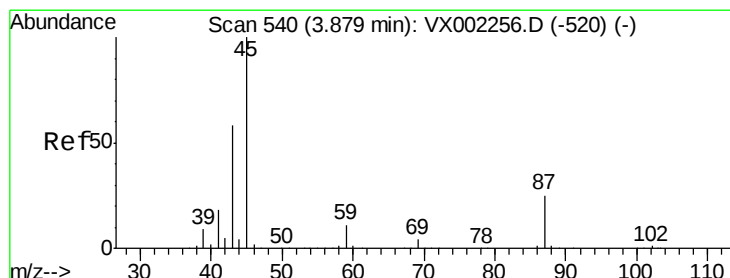
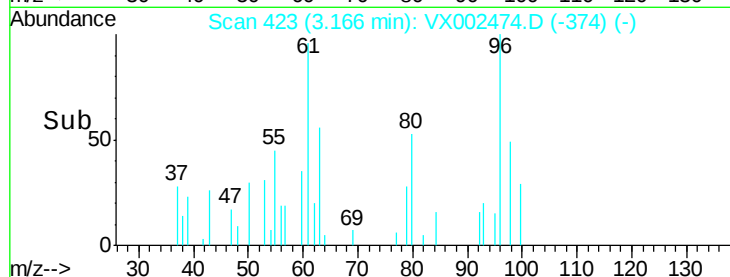
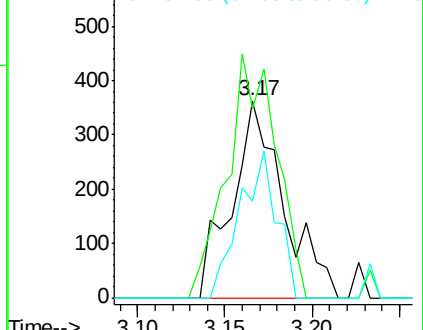
96 100

61 95.9 117.0 175.4#

98 49.0 52.4 78.6#



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



#22

Diisopropyl ether

Concen: Below Cal

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

Tgt Ion: 45 Resp: 181

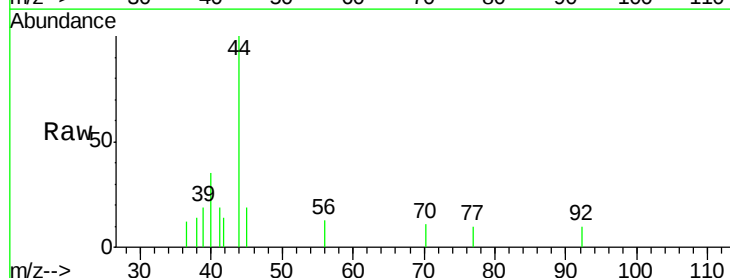
Ion Ratio Lower Upper

45 100

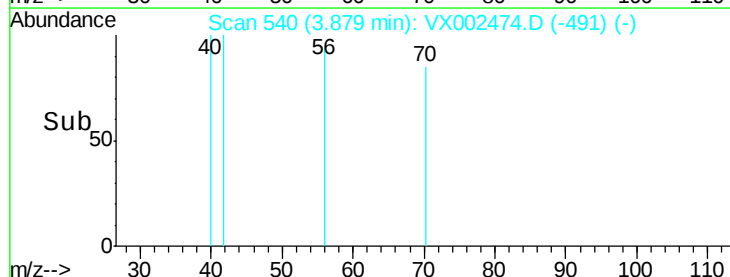
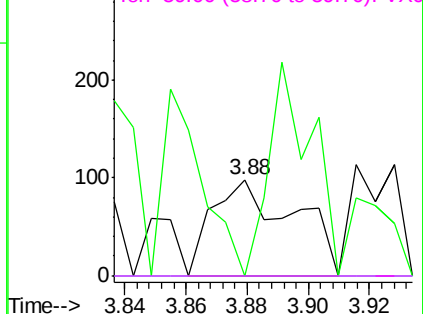
43 0.0 46.8 70.2#

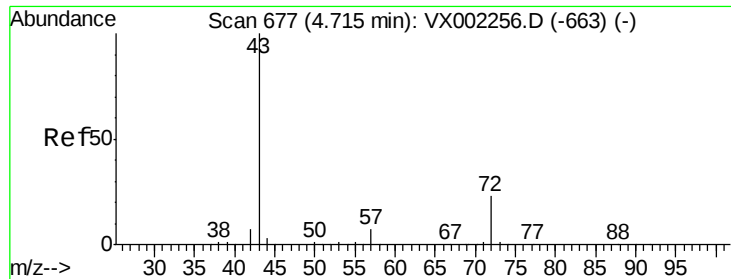
87 0.0 20.2 30.4#

59 0.0 8.7 13.1#



Abundance Ion 45.00 (44.70 to 45.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 87.00 (86.70 to 87.70): VX0  
Ion 59.00 (58.70 to 59.70): VX0





#25

2-Butanone

Concen: 0.68 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

Instrument :

MSVOA\_X

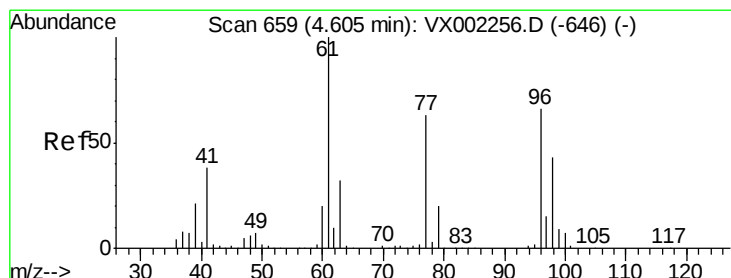
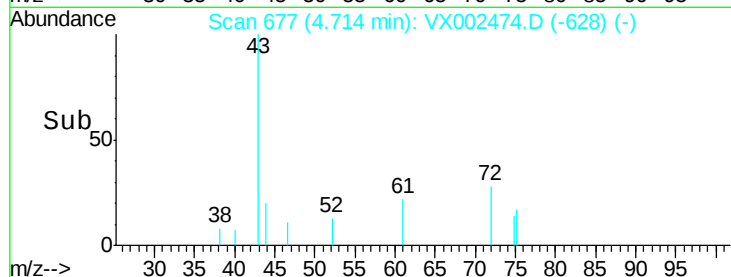
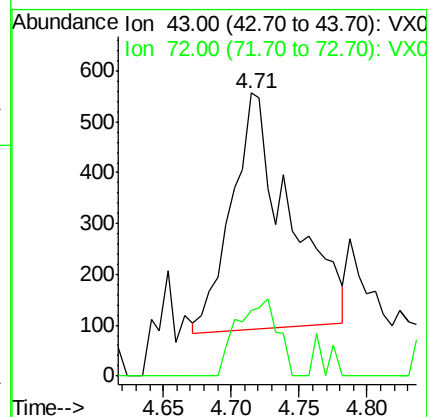
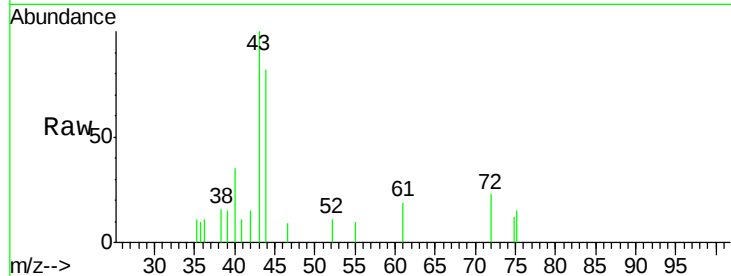
ClientSampled :

Tot Ion: 43 Resp: 1368

Ion Ratio Lower Upper

43 100

72 28.5 18.5 27.7#



#27

cis-1,2-Dichloroethene

Concen: 1.07 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

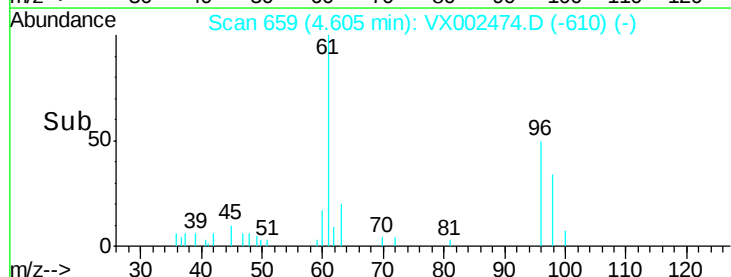
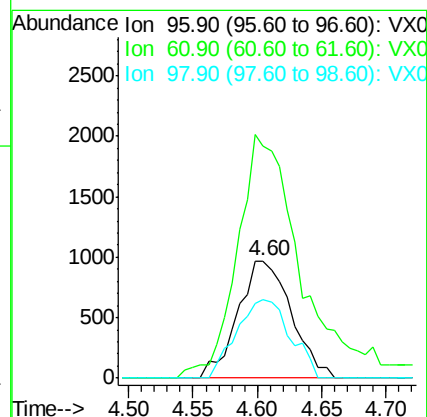
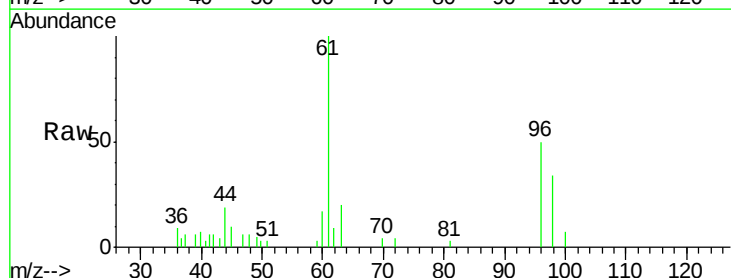
Tgt Ion: 96 Resp: 2787

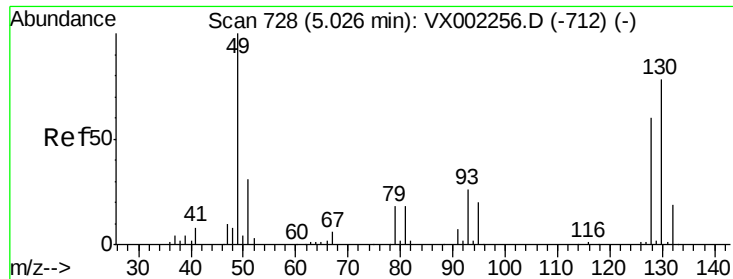
Ion Ratio Lower Upper

96 100

61 247.0 0.0 330.2

98 67.6 0.0 130.2





#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 731

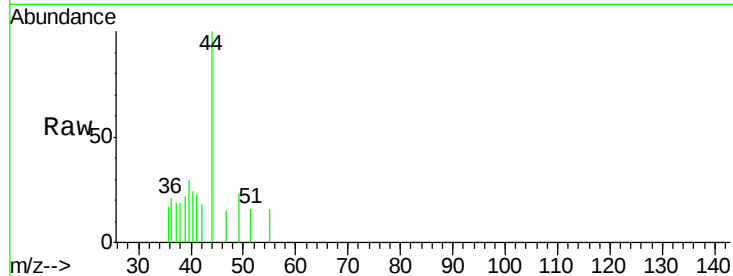
Delta R.T. 0.02 min

Lab File: VX002474.D

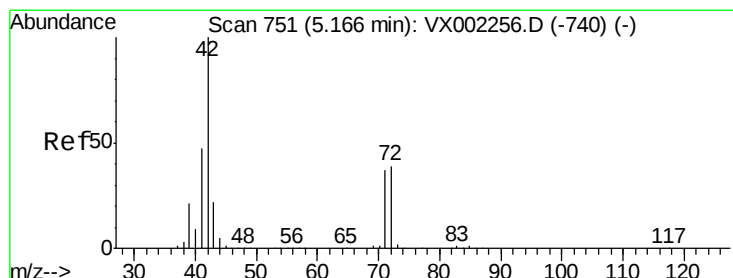
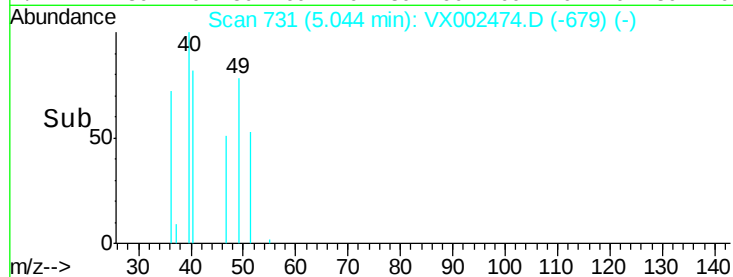
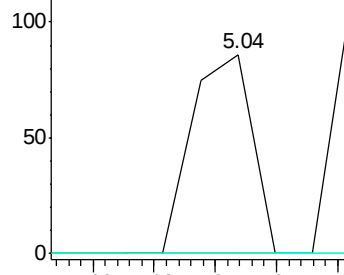
Acq: 12 Jun 2018 18:38

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 49 Resp: 59  
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: 0.22 ug/l

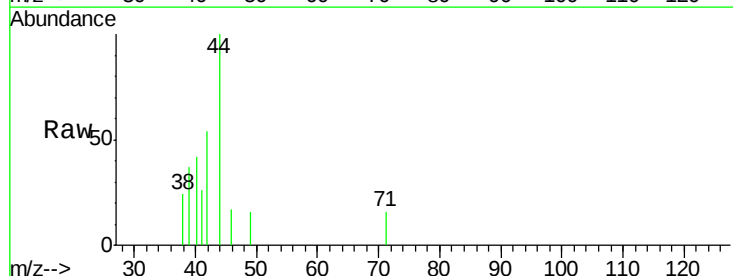
RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

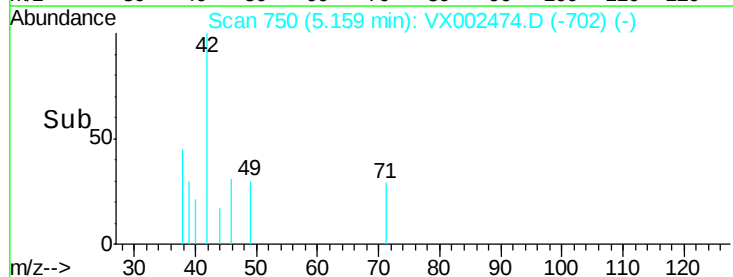
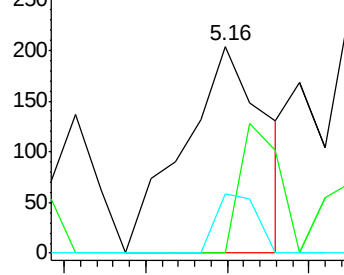
Lab File: VX002474.D

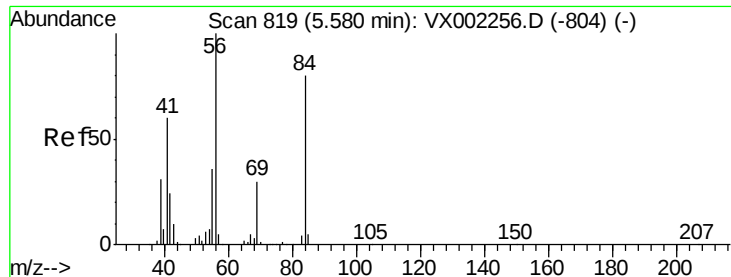
Acq: 12 Jun 2018 18:38

Tgt Ion: 42 Resp: 285  
Ion Ratio Lower Upper  
42 100  
72 29.5 32.0 48.0#  
71 14.4 30.1 45.1#



Abundance Ion 42.00 (41.70 to 42.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0  
Ion 71.00 (70.70 to 71.70): VX0

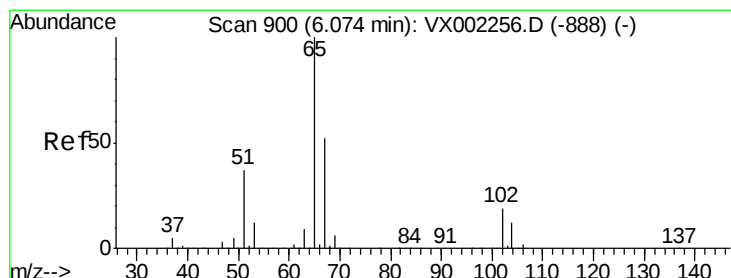
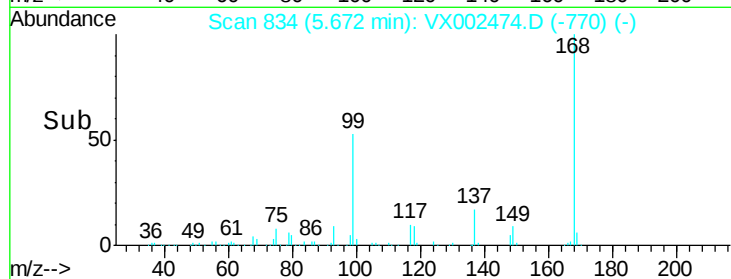
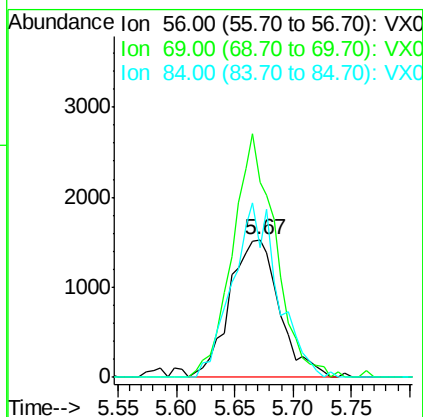
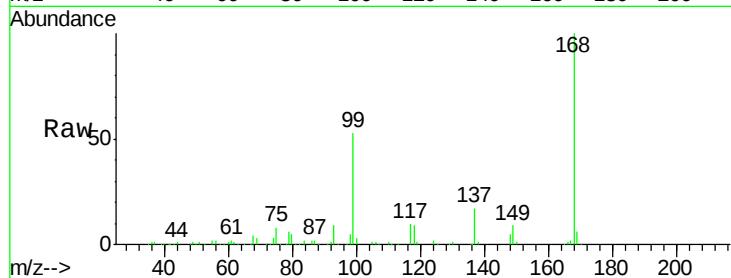




#31  
Cyclohexane  
Concen: 1.23 ug/l  
RT: 5.67 min Scan# 834  
Delta R.T. 0.09 min  
Lab File: VX002474.D  
Acq: 12 Jun 2018 18:38

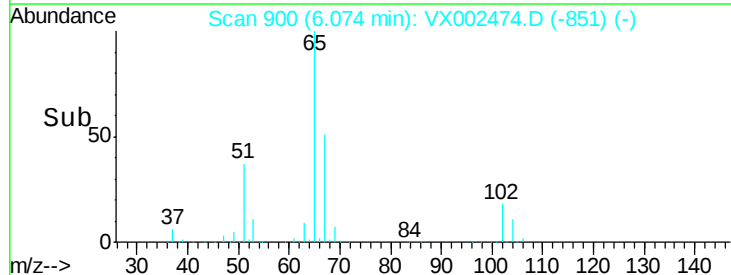
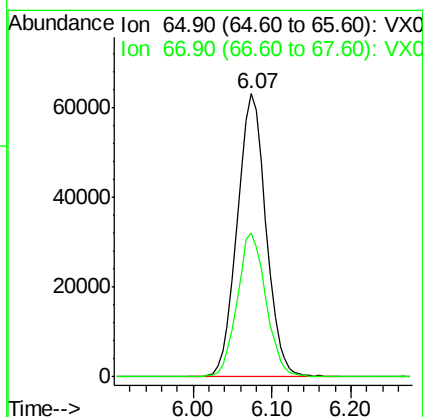
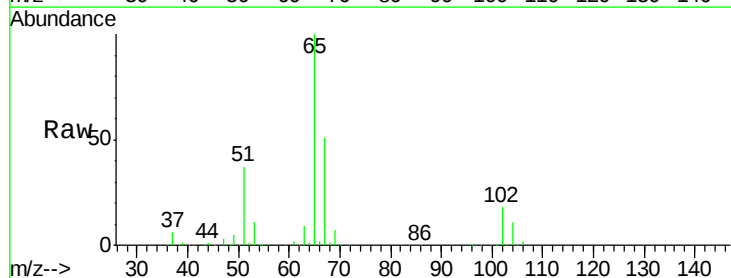
Instrument :  
MSVOA\_X  
ClientSampled :

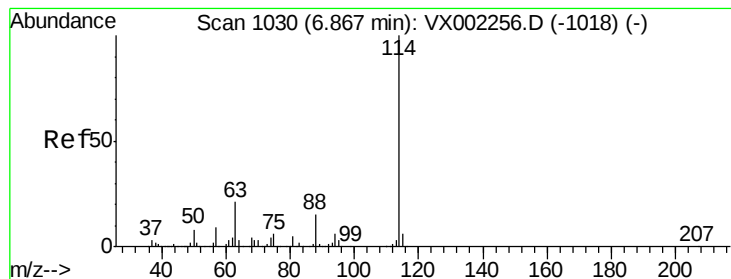
Tot Ion: 56 Resp: 4533  
Ion Ratio Lower Upper  
56 100  
69 141.3 23.7 35.5#  
84 94.1 64.1 96.1



#33  
1,2-Dichloroethane-d4  
Concen: 55.35 ug/l  
RT: 6.07 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: VX002474.D  
Acq: 12 Jun 2018 18:38

Tgt Ion: 65 Resp: 160531  
Ion Ratio Lower Upper  
65 100  
67 50.9 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

Instrument :

MSVOA\_X

ClientSampleId :

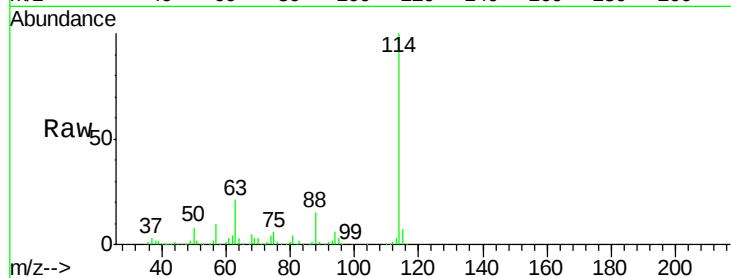
Tot Ion:114 Resp: 298358

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

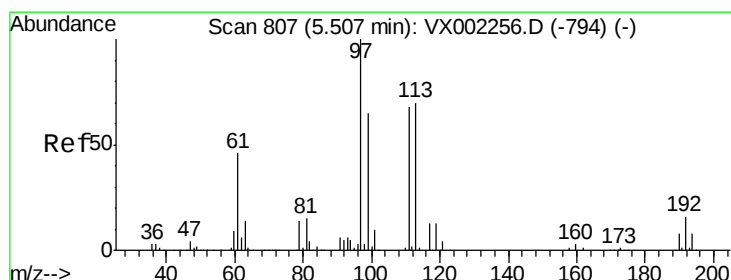
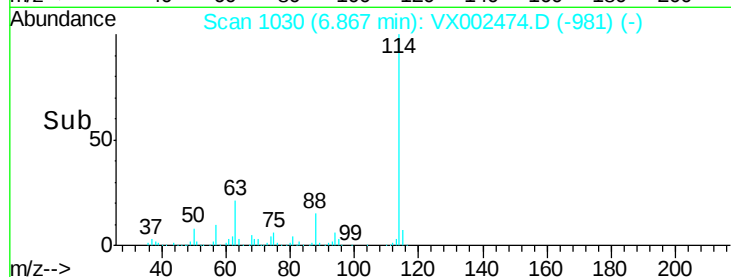
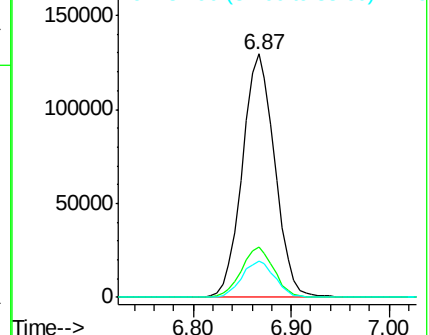
88 15.0 0.0 30.0



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: 50.85 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

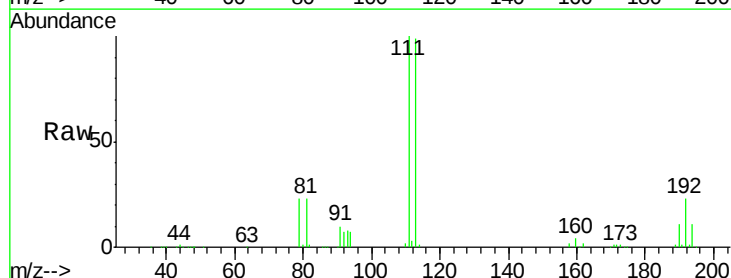
Tgt Ion:113 Resp: 119309

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

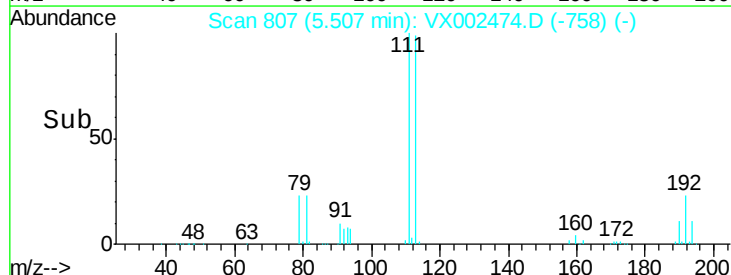
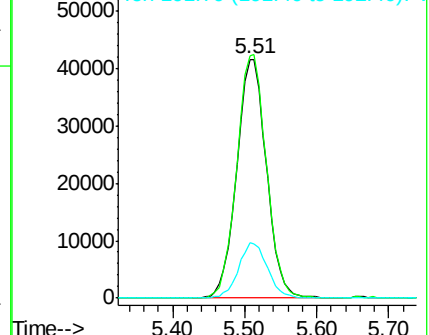
192 22.5 19.1 28.7

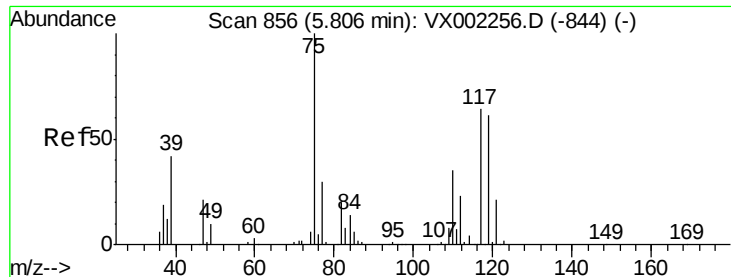


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

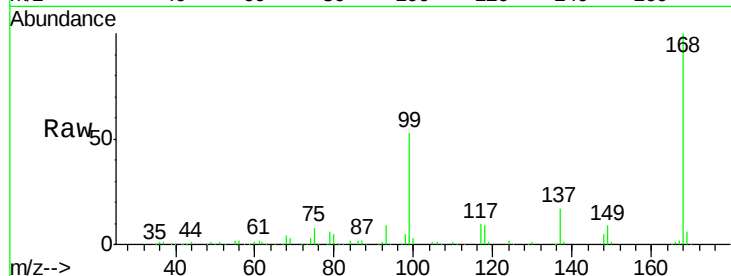




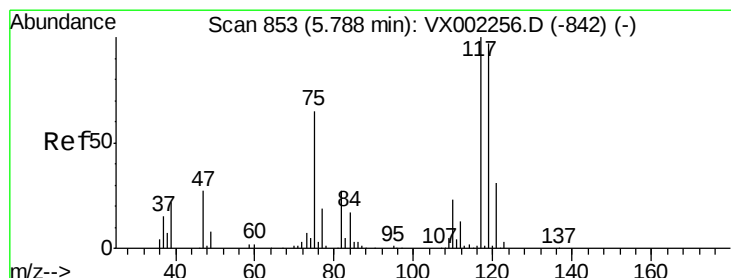
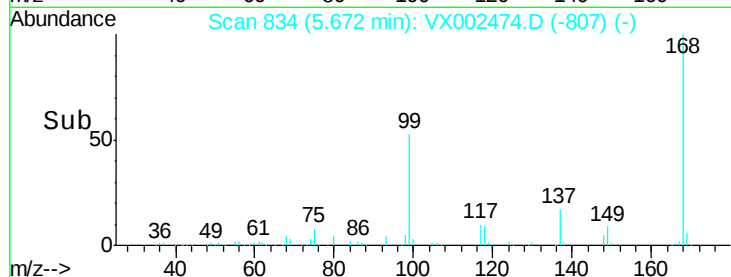
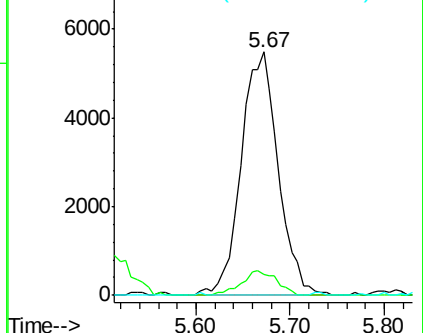
#36  
 1,1-Dichloropropene  
 Concen: 4.81 ug/l  
 RT: 5.67 min Scan# 834  
 Delta R.T. -0.13 min  
 Lab File: VX002474.D  
 Acq: 12 Jun 2018 18:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 9.7   | 18.1  | 54.4# |
| 77      | 0.0   | 24.3  | 36.5# |

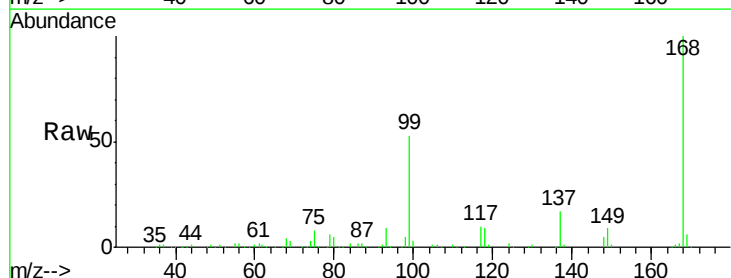


Abundance Ion 74.90 (74.60 to 75.60): VX0  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.90 (76.60 to 77.60): VX0

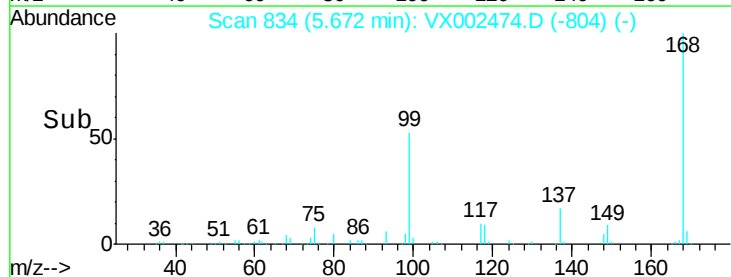
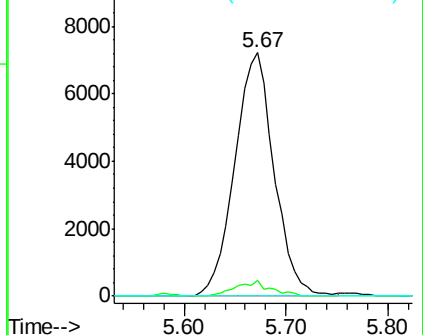


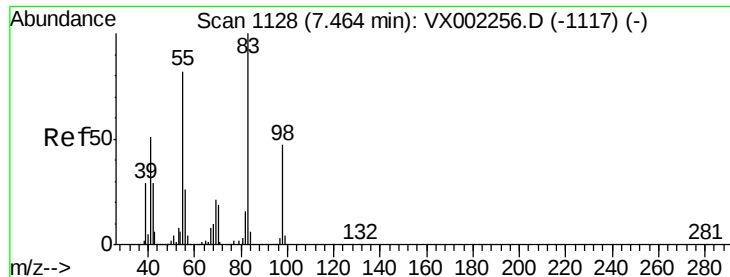
#38  
 Carbon Tetrachloride  
 Concen: 5.90 ug/l  
 RT: 5.67 min Scan# 834  
 Delta R.T. -0.12 min  
 Lab File: VX002474.D  
 Acq: 12 Jun 2018 18:38

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 6.4   | 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: 0.29 ug/l

RT: 7.45 min Scan# 1126

Delta R.T. -0.01 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

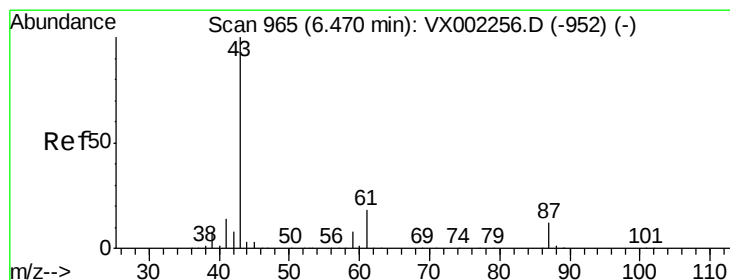
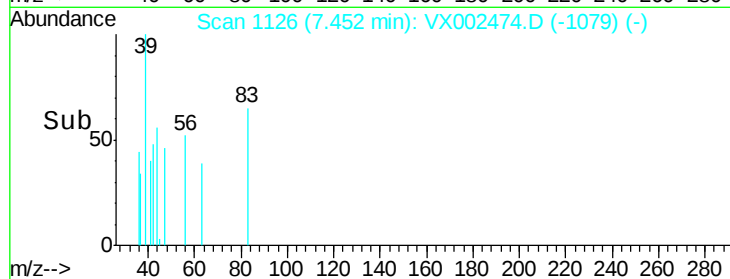
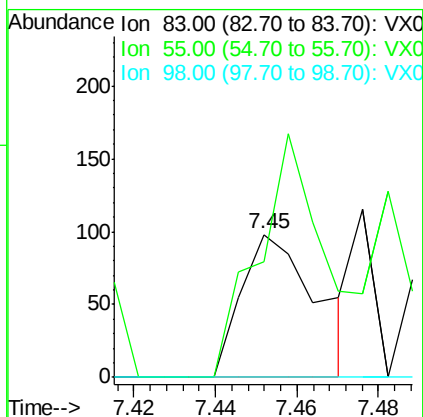
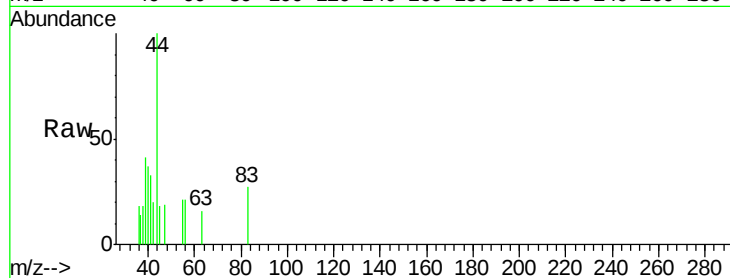
Instrument :

MSVOA\_X

ClientSampled :

Tot Ion: 83 Resp: 126

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 80.6  | 65.4  | 98.0  |
| 98  | 0.0   | 37.4  | 56.0# |



#43

Isopropyl Acetate

Concen: 0.55 ug/l

RT: 6.48 min Scan# 967

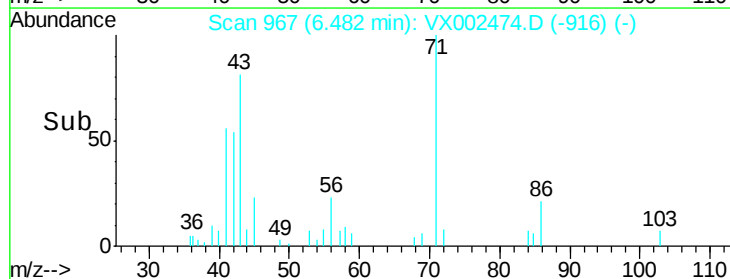
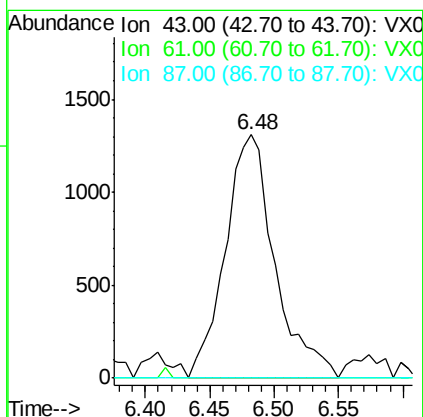
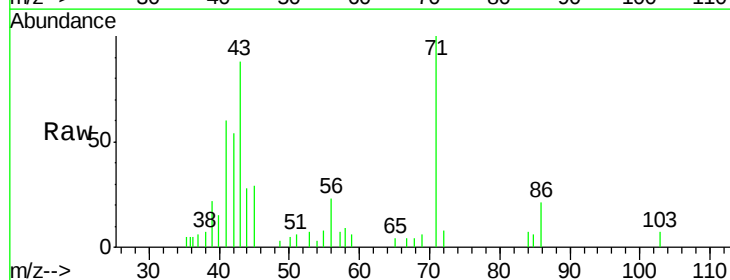
Delta R.T. 0.01 min

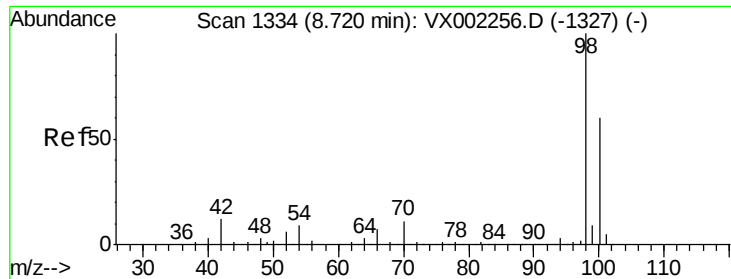
Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

Tgt Ion: 43 Resp: 3496

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 0.0   | 14.4  | 21.6# |
| 87  | 0.0   | 9.5   | 14.3# |

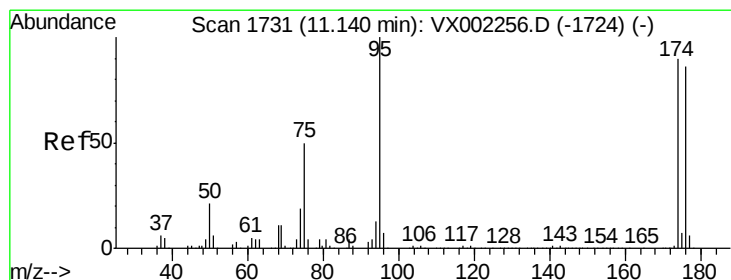
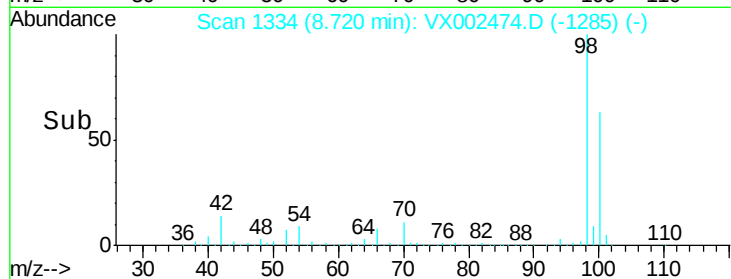
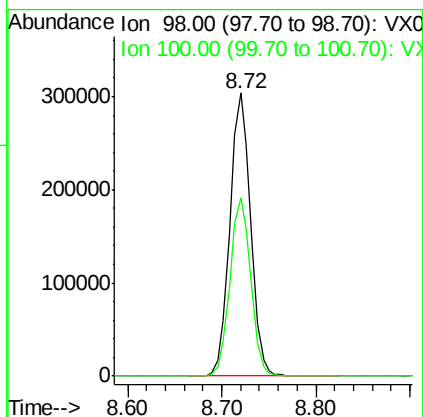
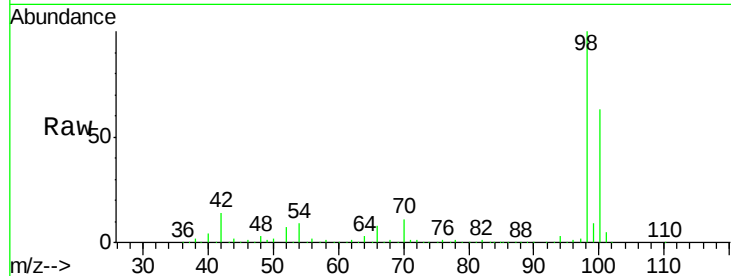




#50  
Toluene-d8  
Concen: 51.55 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: VX002474.D  
Acq: 12 Jun 2018 18:38

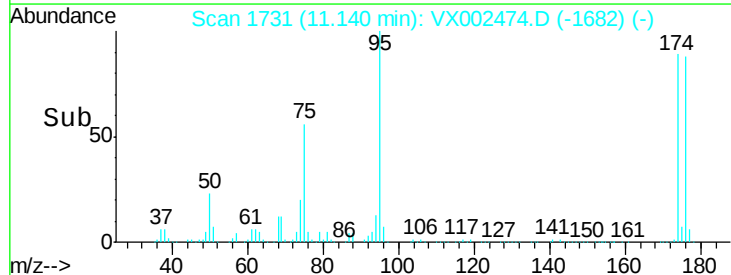
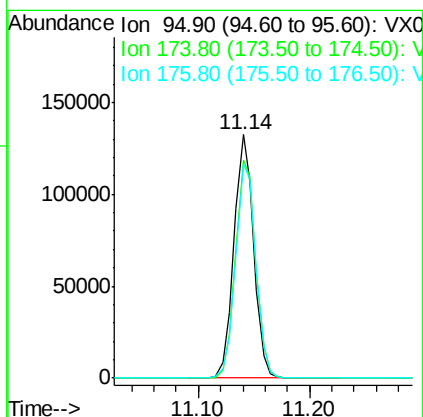
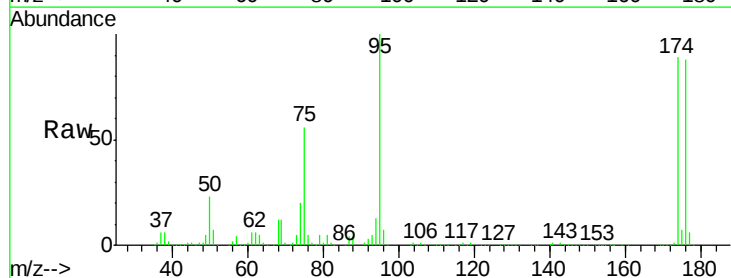
Instrument :  
MSVOA\_X  
ClientSampleId :

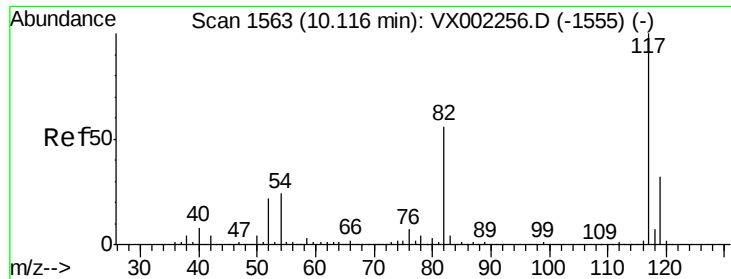
Tot Ion: 98 Resp: 463621  
Ion Ratio Lower Upper  
98 100  
100 63.3 50.9 76.3



#62  
4-Bromofluorobenzene  
Concen: 46.64 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. -0.00 min  
Lab File: VX002474.D  
Acq: 12 Jun 2018 18:38

Tgt Ion: 95 Resp: 161756  
Ion Ratio Lower Upper  
95 100  
174 92.4 0.0 187.4  
176 90.5 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

Instrument :

MSVOA\_X

ClientSampled :

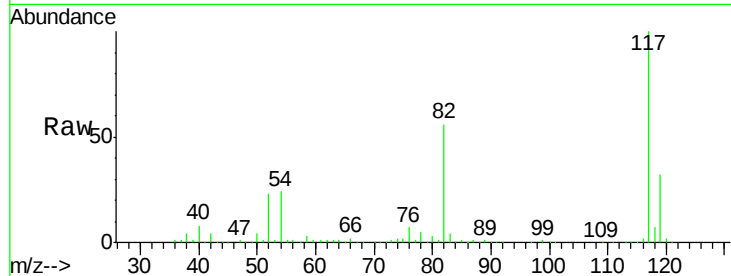
Tot Ion:117 Resp: 281111

Ion Ratio Lower Upper

117 100

82 56.3 45.0 67.4

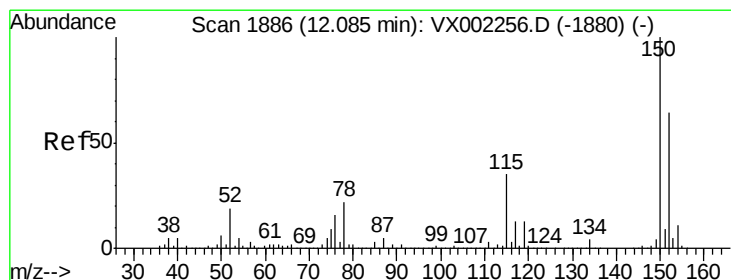
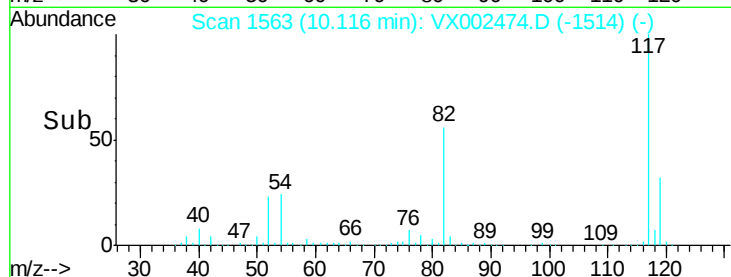
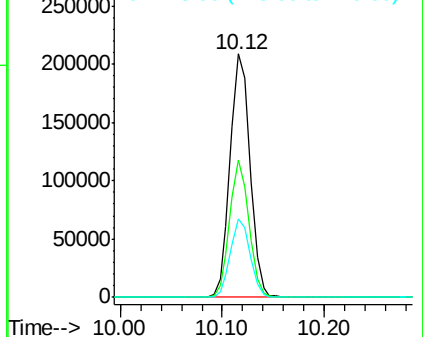
119 32.1 25.8 38.6



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# 1885

Delta R.T. -0.01 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

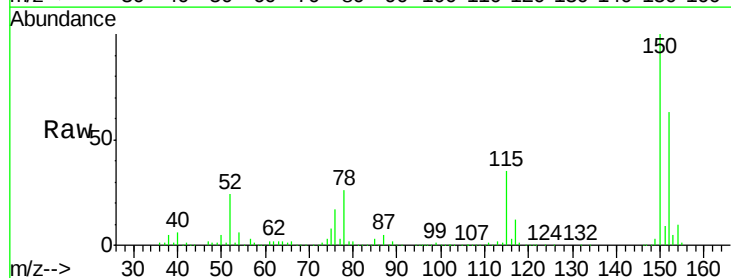
Tgt Ion:152 Resp: 158318

Ion Ratio Lower Upper

152 100

115 55.4 40.1 120.2

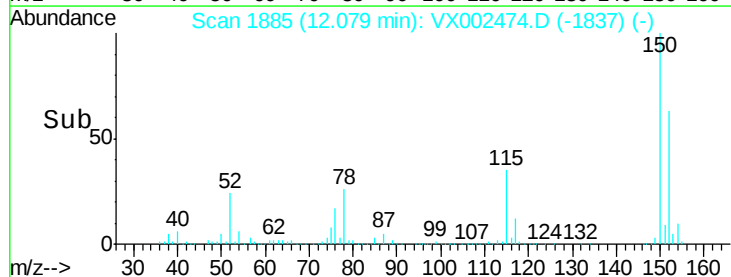
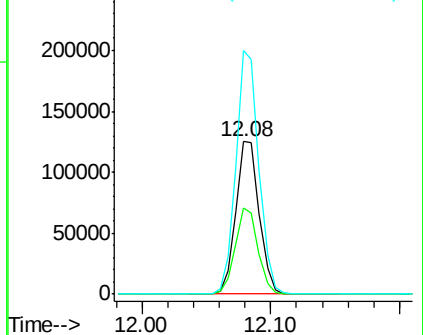
150 156.2 0.0 347.2

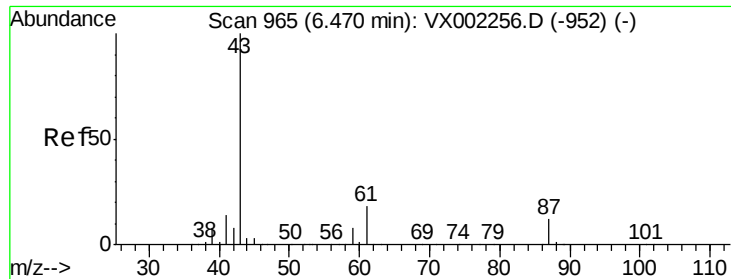


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.59 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 43 Resp: 3496

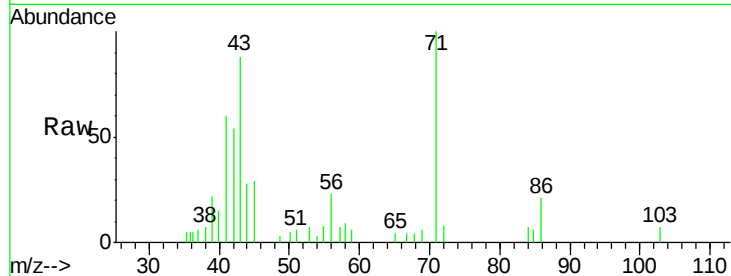
Ion Ratio Lower Upper

43 100

70 1.3 0.0 0.0#

55 18.1 0.0 0.0#

61 0.0 14.4 21.6#

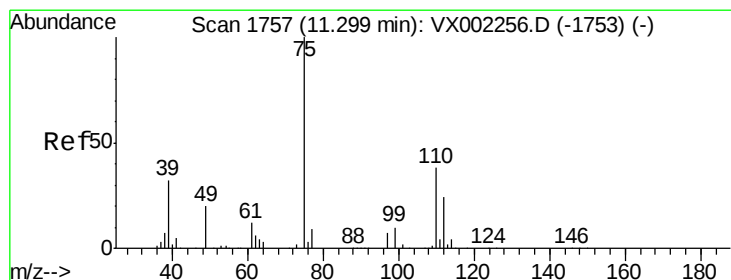
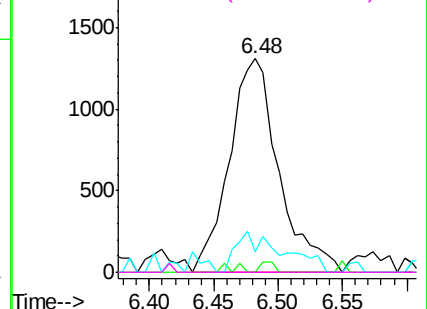
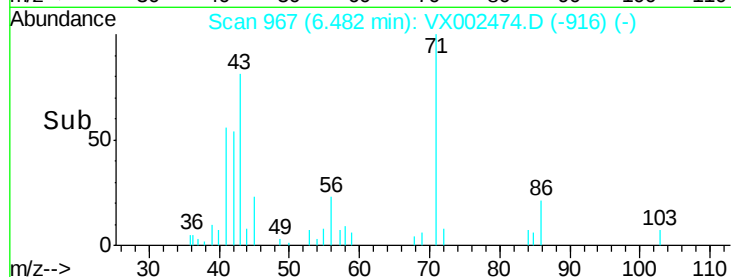


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 25.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002474.D

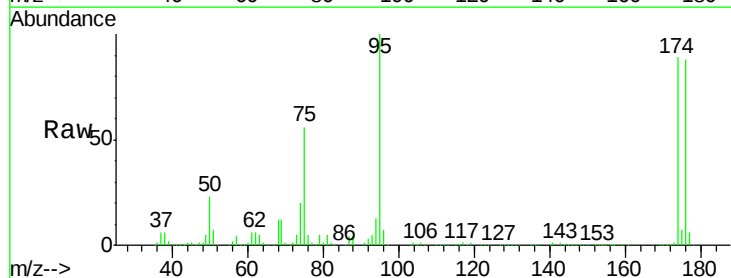
Acq: 12 Jun 2018 18:38

Tgt Ion: 75 Resp: 89349

Ion Ratio Lower Upper

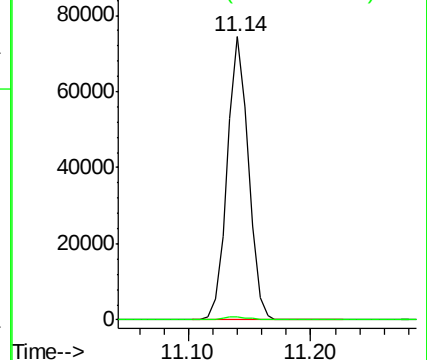
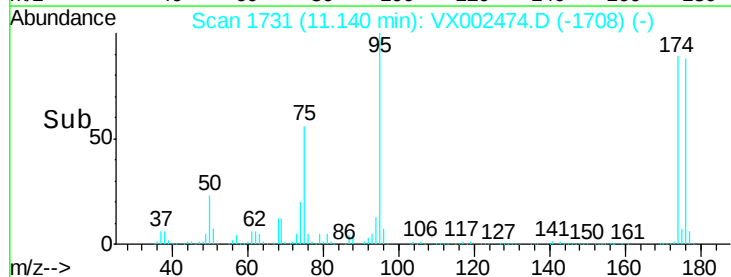
75 100

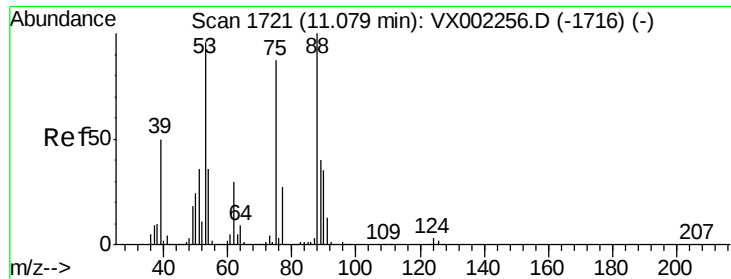
77 1.3 22.8 68.3#



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: 90.16 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002474.D

Acq: 12 Jun 2018 18:38

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 75 Resp: 89349

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

89 0.0 38.2 57.2#

