

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060618\  
 Data File : VX002365.D  
 Acq On : 06 Jun 2018 20:49  
 Operator : JC/MD  
 Sample : J3312-09  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 07 03:27:13 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  | 230008   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 333791   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 302240   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 170222   | 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   | 157574   | 47.75 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.50% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 117827   | 44.89 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 89.78% |          |
| 50) Toluene-d8              | 8.72  | 98   | 475690   | 47.28 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.56% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 165835   | 42.74 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 85.48% |          |

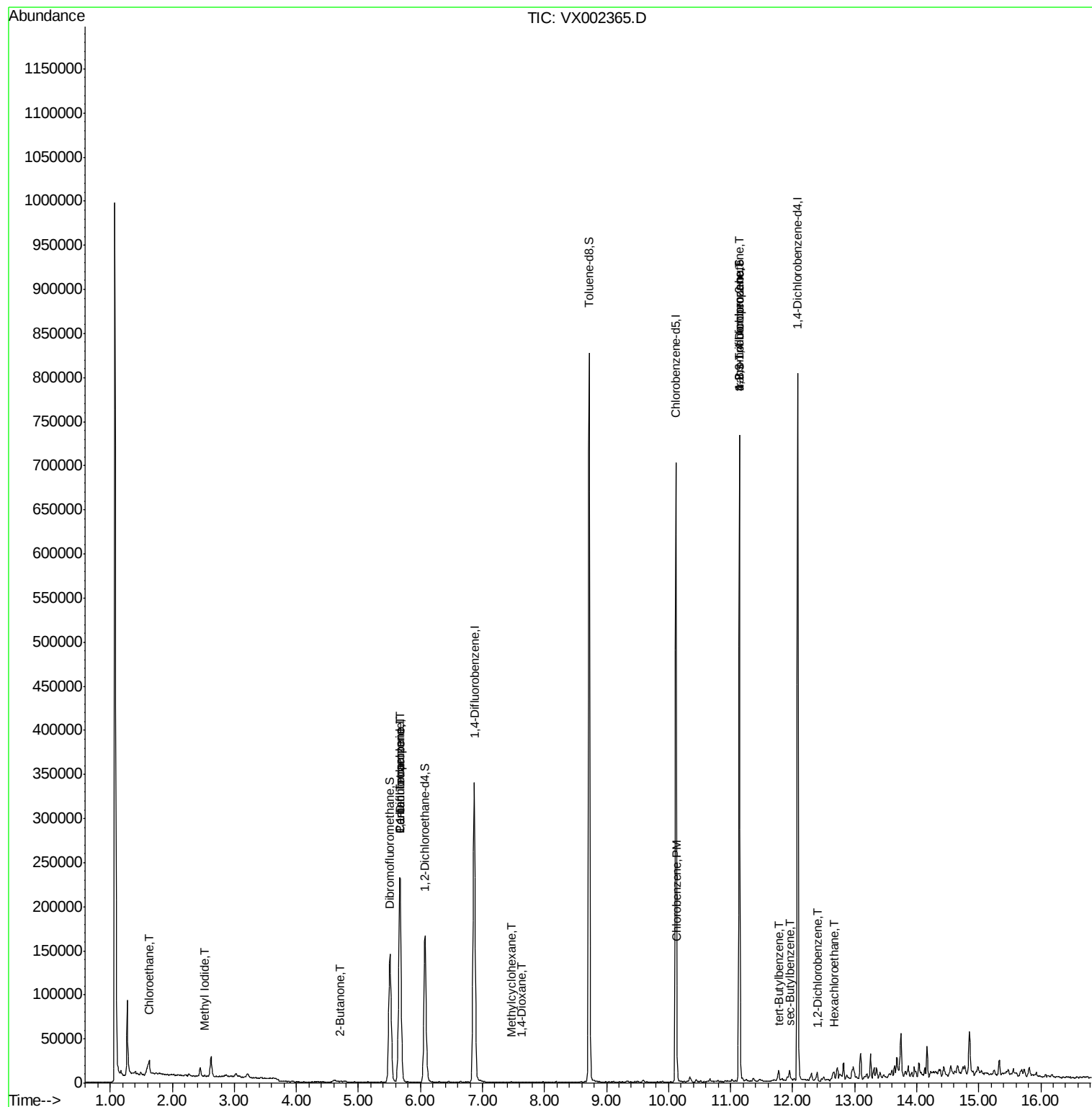
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 3) Chloromethane               | 1.27  | 50   | 2024     | Below Cal | #     | 43     |
| 5) Bromomethane                | 1.65  | 94   | 957      | Below Cal |       | 84     |
| 6) Chloroethane                | 1.62  | 64   | 6378     | 3.27      | ug/l  | 56     |
| 8) Diethyl Ether               | 2.18  | 74   | 97       | Below Cal | #     | 1      |
| 10) Methyl Iodide              | 2.51  | 142  | 970      | 0.28      | ug/l  | 95     |
| 11) Tert butyl alcohol         | 3.07  | 59   | 1539     | Below Cal | #     | 83     |
| 13) Acrolein                   | 2.29  | 56   | 302      | Below Cal | #     | 14     |
| 15) Acrylonitrile              | 3.16  | 53   | 157      | Below Cal | #     | 61     |
| 16) Acetone                    | 2.45  | 43   | 10352    | Below Cal |       | 92     |
| 18) Methyl Acetate             | 2.78  | 43   | 243      | Below Cal | #     | 83     |
| 19) Methyl tert-butyl Ether    | 3.21  | 73   | 4321     | Below Cal | #     | 85     |
| 20) Methylene Chloride         | 2.86  | 84   | 883      | Below Cal |       | 94     |
| 22) Diisopropyl ether          | 3.86  | 45   | 120      | Below Cal | #     | 35     |
| 25) 2-Butanone                 | 4.71  | 43   | 491      | 0.22      | ug/l  | 78     |
| 28) Bromochloromethane         | 5.01  | 49   | 26       | Below Cal | #     | 13     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 16786    | 4.78      | ug/l  | 51     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 21723    | 5.92      | ug/l  | 16     |
| 39) Methylcyclohexane          | 7.48  | 83   | 49       | 0.27      | ug/l  | 16     |
| 49) 1,4-Dioxane                | 7.64  | 88   | 20       | 0.30      | ug/l  | 1      |
| 65) Chlorobenzene              | 10.14 | 112  | 1902     | 0.25      | ug/l  | 92     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 90124    | 24.13     | ug/l  | 33     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 90124    | 84.58     | ug/l  | 7      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 3928     | 0.40      | ug/l  | 87     |
| 85) sec-Butylbenzene           | 11.95 | 105  | 2891     | 0.25      | ug/l  | 72     |
| 90) Hexachloroethane           | 12.66 | 117  | 464      | 0.28      | ug/l  | 1      |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 1866     | 0.30      | ug/l  | 91     |

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

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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# 834

Delta R.T. -0.00 min

Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

Instrument :

MSVOA\_X

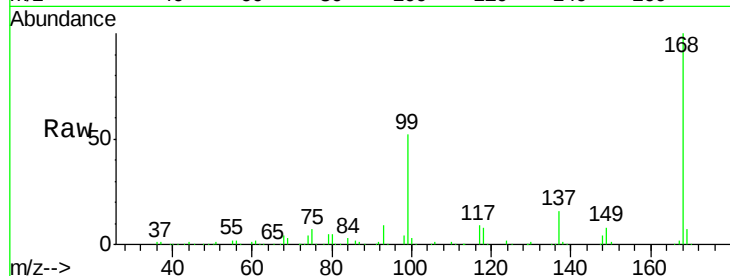
ClientSampleId :

Tot Ion:168 Resp: 230008

Ion Ratio Lower Upper

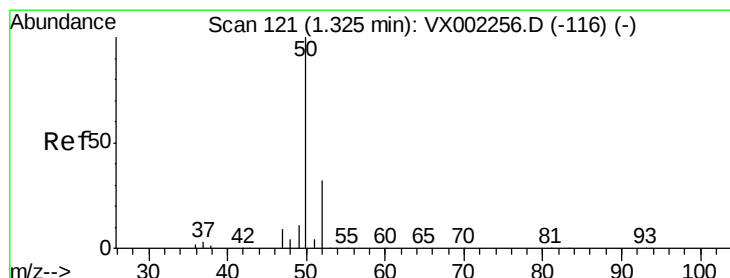
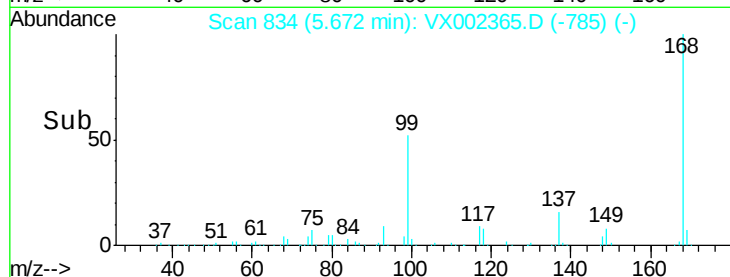
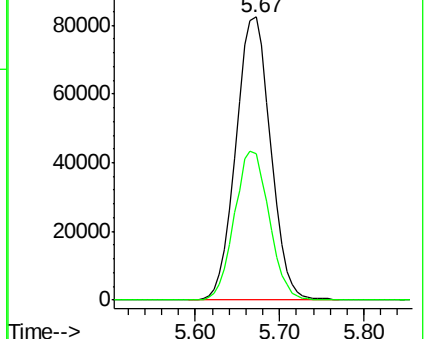
168 100

99 51.5 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: 1.27 min Scan# 112

Delta R.T. -0.05 min

Lab File: VX002365.D

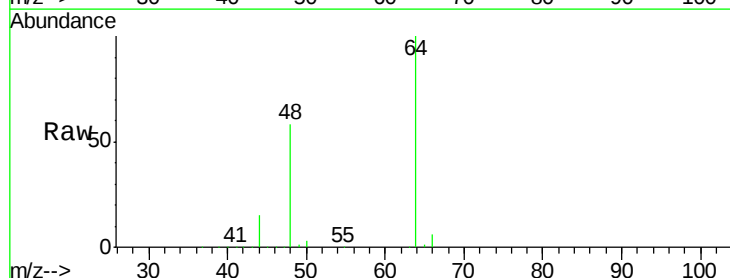
Acq: 06 Jun 2018 20:49

Tgt Ion: 50 Resp: 2024

Ion Ratio Lower Upper

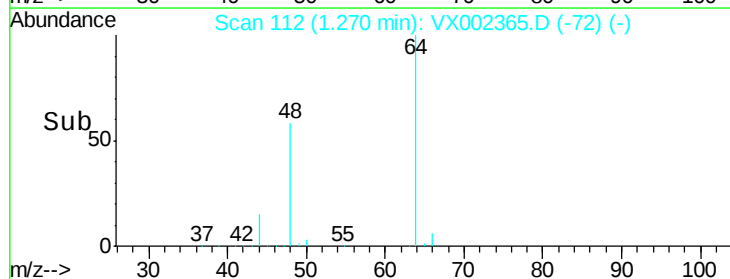
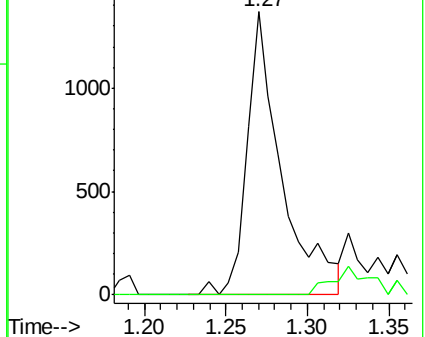
50 100

52 0.0 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# 174

Delta R.T. 0.01 min

Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

Instrument :

MSVOA\_X

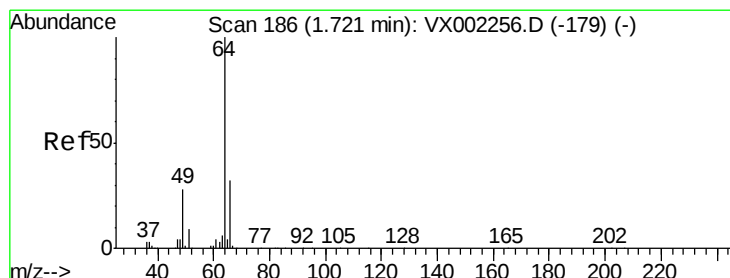
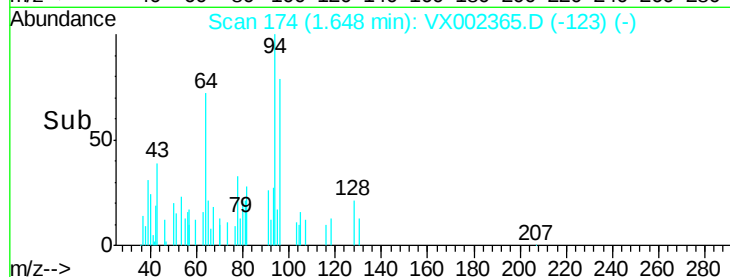
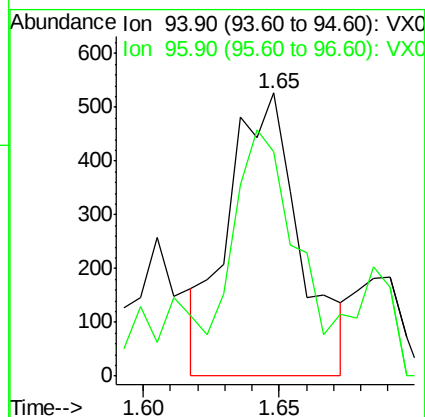
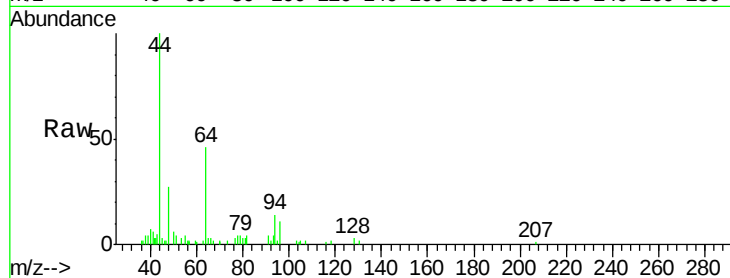
ClientSampleId :

Tot Ion: 94 Resp: 957

Ion Ratio Lower Upper

94 100

96 78.0 74.9 112.3



#6

Chloroethane

Concen: 3.27 ug/l

RT: 1.62 min Scan# 170

Delta R.T. -0.10 min

Lab File: VX002365.D

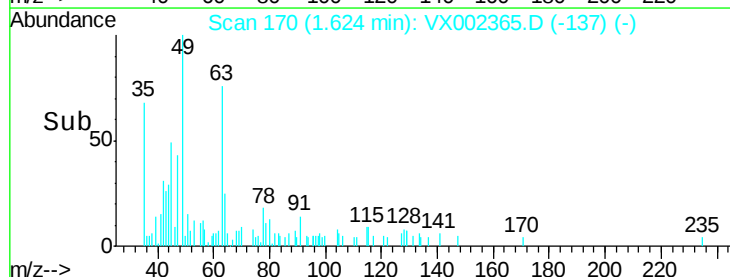
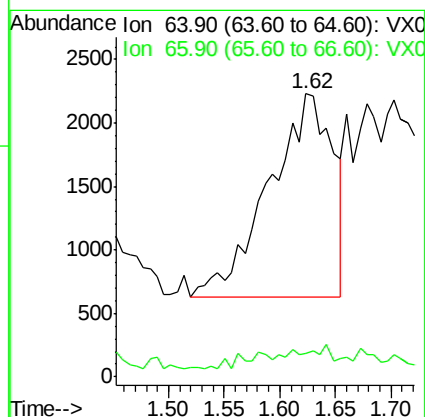
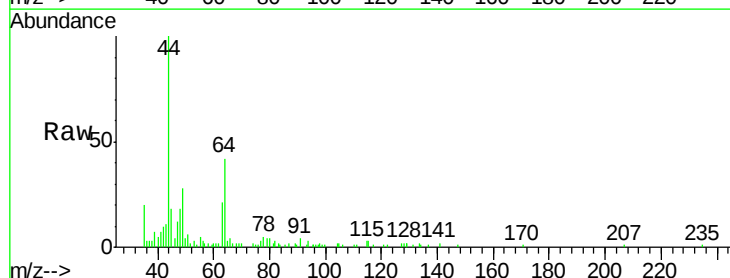
Acq: 06 Jun 2018 20:49

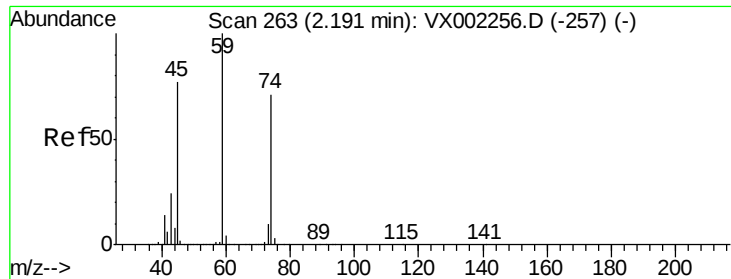
Tgt Ion: 64 Resp: 6378

Ion Ratio Lower Upper

64 100

66 7.2 25.5 38.3#





#8

Diethyl Ether

Concen: Below Cal

RT: 2.18 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

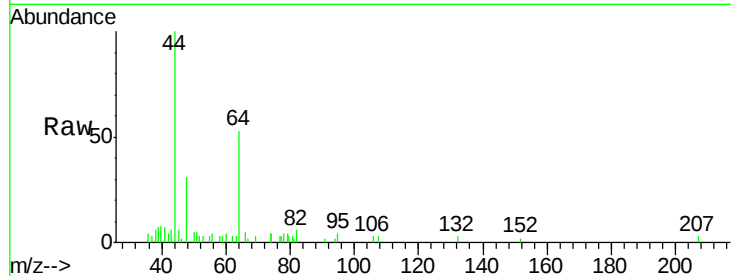
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion: 74 Resp: 97

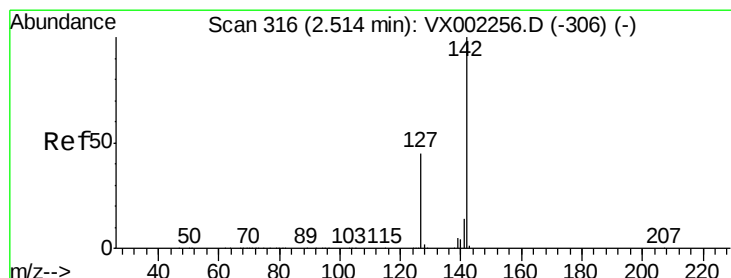
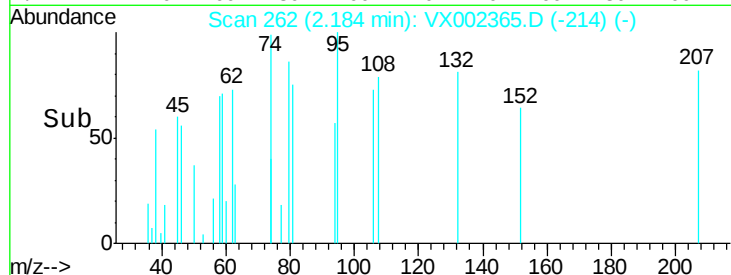
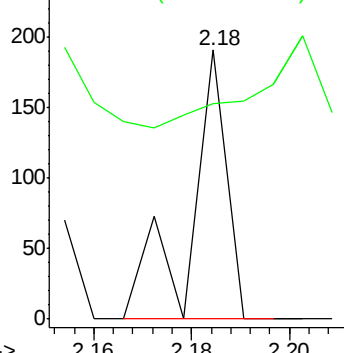
Ion Ratio Lower Upper

74 100

45 0.0 53.1 159.4#



Abundance Ion 74.00 (73.70 to 74.70): VX0  
Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 0.28 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

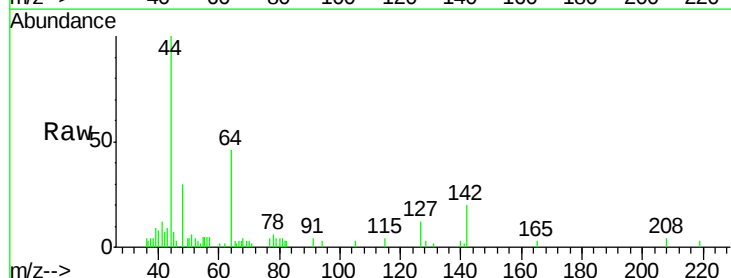
Tgt Ion: 142 Resp: 970

Ion Ratio Lower Upper

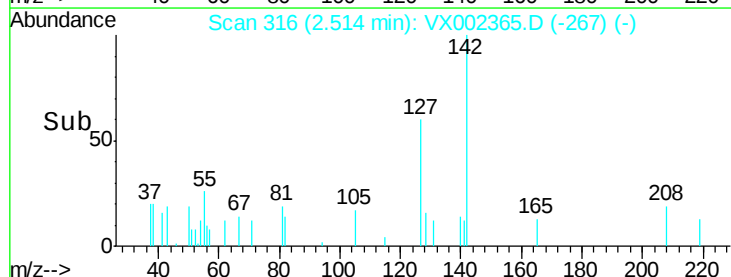
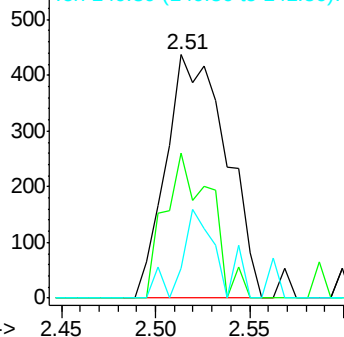
142 100

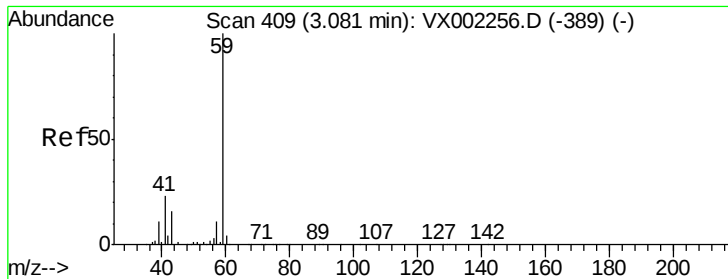
127 45.2 36.6 55.0

141 22.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V

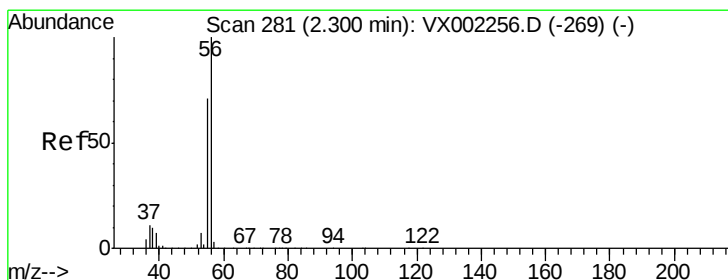
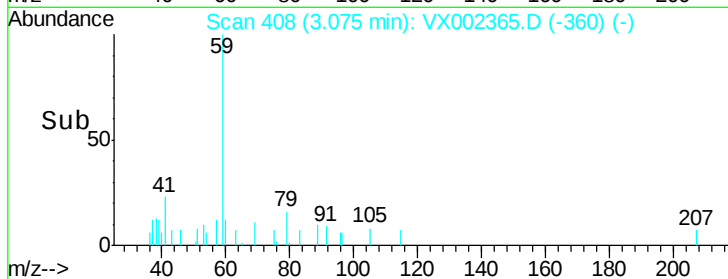
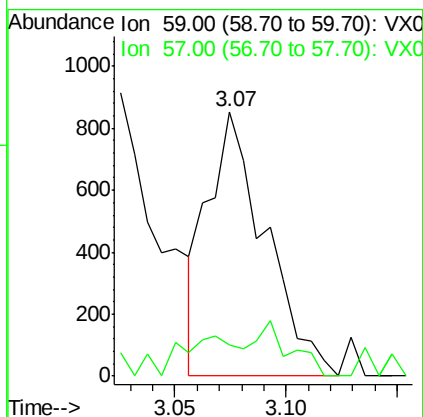
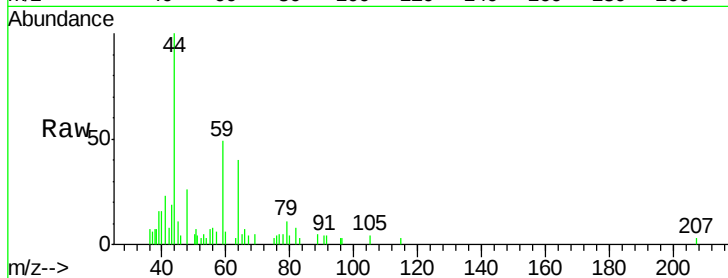




#11  
Tert butyl alcohol  
Concen: Below Cal  
RT: 3.07 min Scan# 408  
Delta R.T. -0.01 min  
Lab File: VX002365.D  
Acq: 06 Jun 2018 20:49

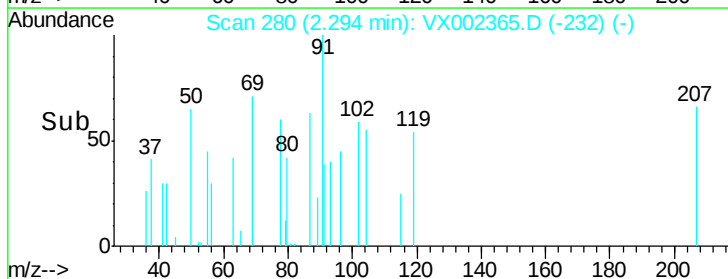
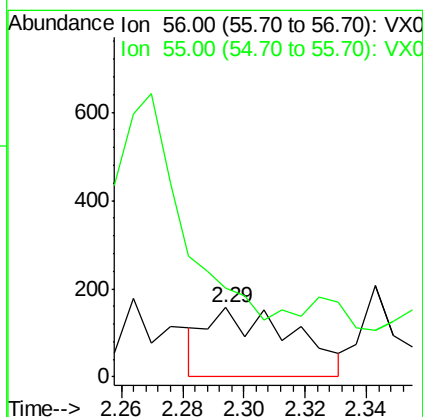
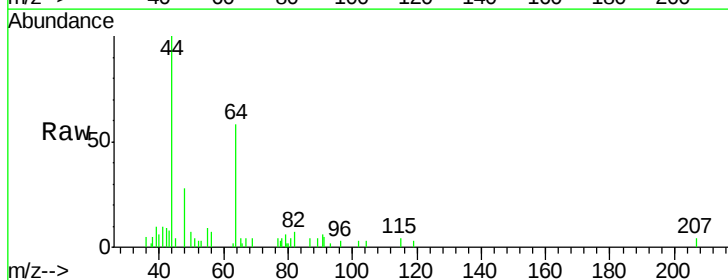
Instrument :  
MSVOA\_X  
ClientSampled :

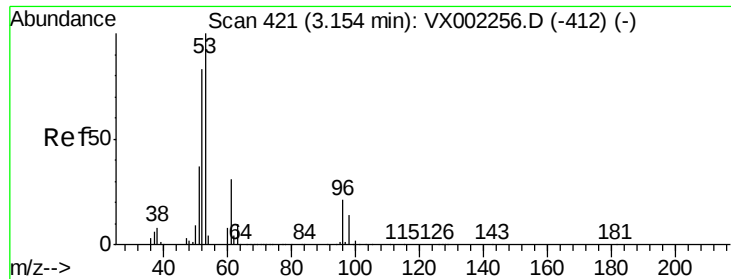
Tot Ion: 59 Resp: 1539  
Ion Ratio Lower Upper  
59 100  
57 16.6 8.2 12.2#



#13  
Acrolein  
Concen: Below Cal  
RT: 2.29 min Scan# 280  
Delta R.T. -0.01 min  
Lab File: VX002365.D  
Acq: 06 Jun 2018 20:49

Tgt Ion: 56 Resp: 302  
Ion Ratio Lower Upper  
56 100  
55 0.0 57.0 85.4#





#15

Acrylonitrile

Concen: Below Cal

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

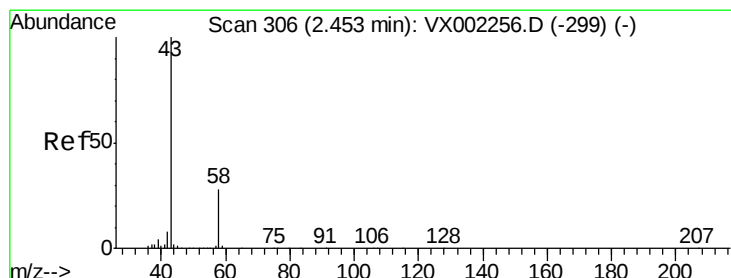
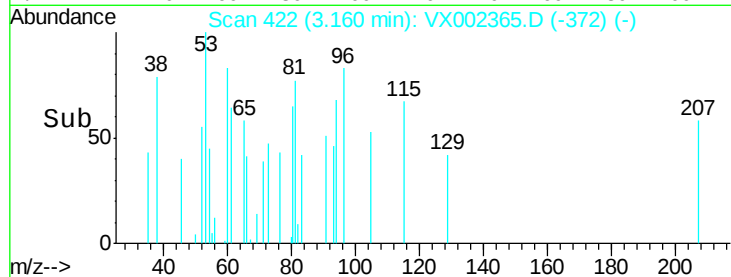
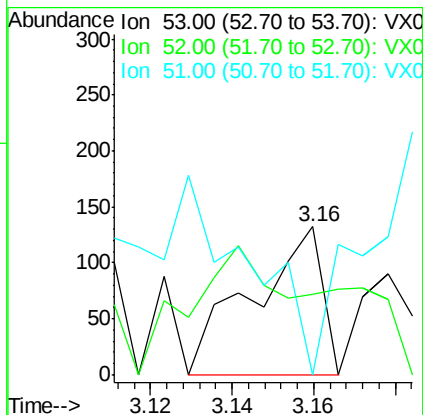
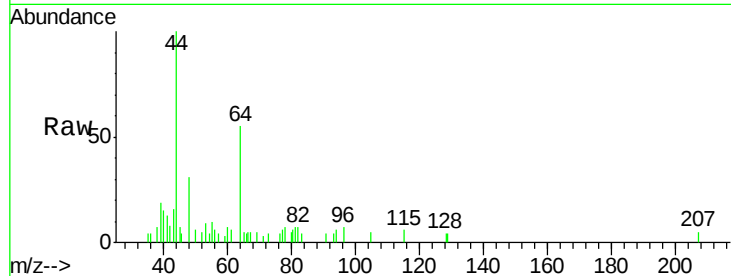
Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 53 Resp: 157

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 53  | 100   |       |        |
| 52  | 108.9 | 66.7  | 100.1# |
| 51  | 0.0   | 29.9  | 44.9#  |



#16

Acetone

Concen: Below Cal

RT: 2.45 min Scan# 305

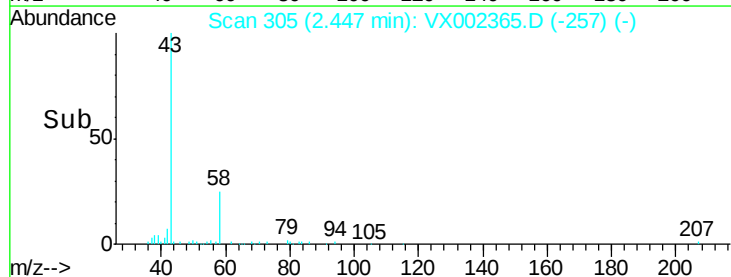
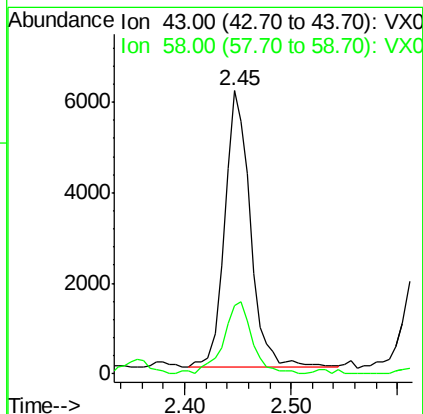
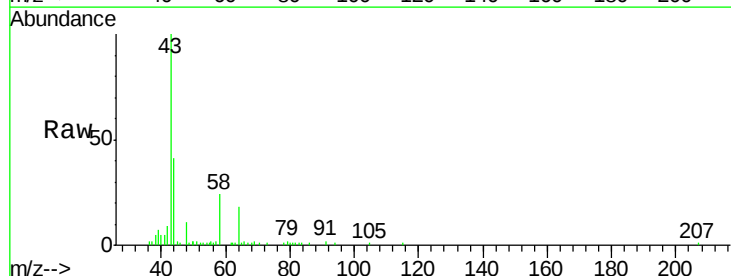
Delta R.T. -0.01 min

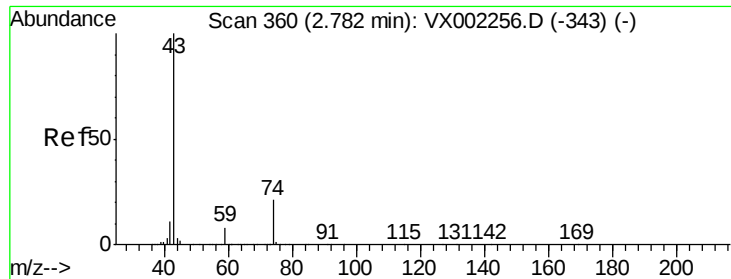
Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

Tgt Ion: 43 Resp: 10352

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 23.6  | 22.1  | 33.1  |

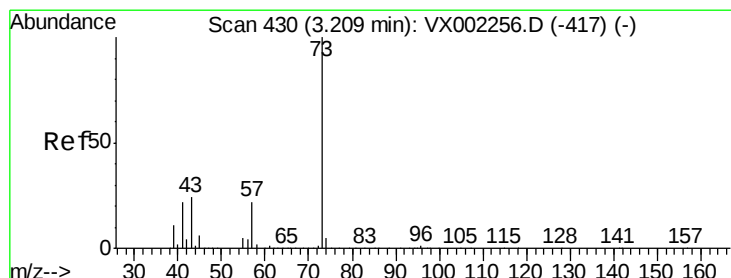
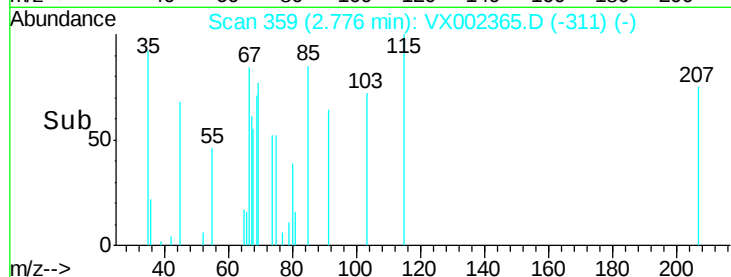
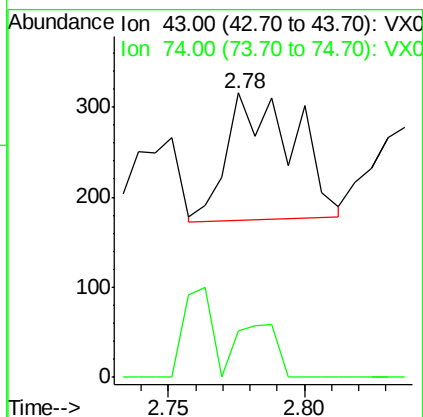
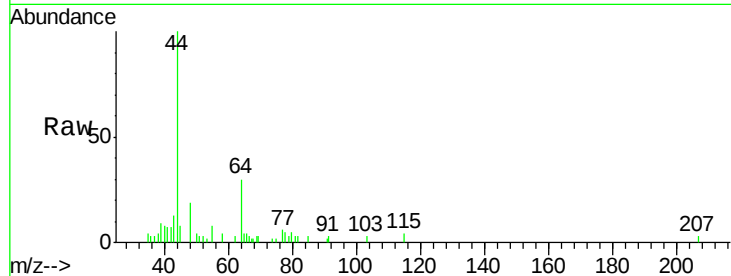




#18  
Methyl Acetate  
Concen: Below Cal  
RT: 2.78 min Scan# 359  
Delta R.T. -0.01 min  
Lab File: VX002365.D  
Acq: 06 Jun 2018 20:49

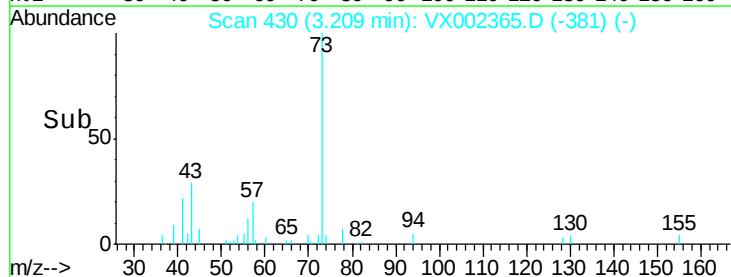
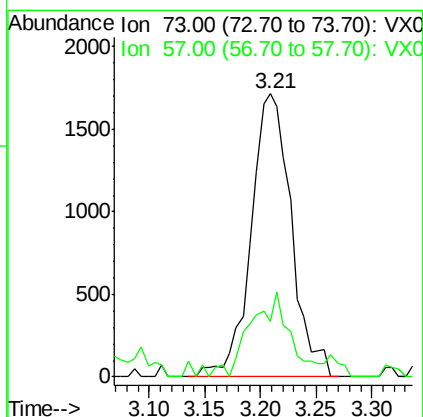
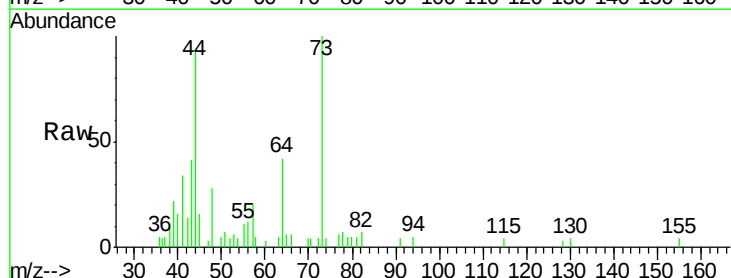
Instrument :  
MSVOA\_X  
ClientSampleId :

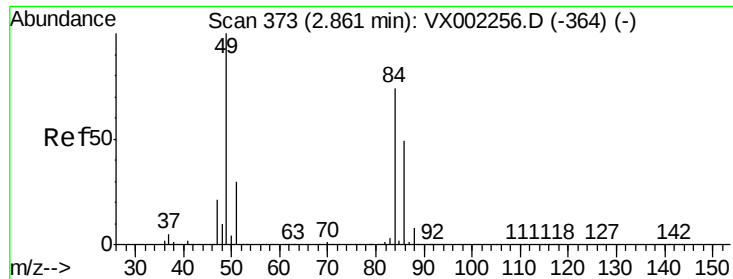
Tot Ion: 43 Resp: 243  
Ion Ratio Lower Upper  
43 100  
74 28.8 16.7 25.1#



#19  
Methyl tert-butyl Ether  
Concen: Below Cal  
RT: 3.21 min Scan# 430  
Delta R.T. 0.00 min  
Lab File: VX002365.D  
Acq: 06 Jun 2018 20:49

Tgt Ion: 73 Resp: 4321  
Ion Ratio Lower Upper  
73 100  
57 14.9 17.7 26.5#

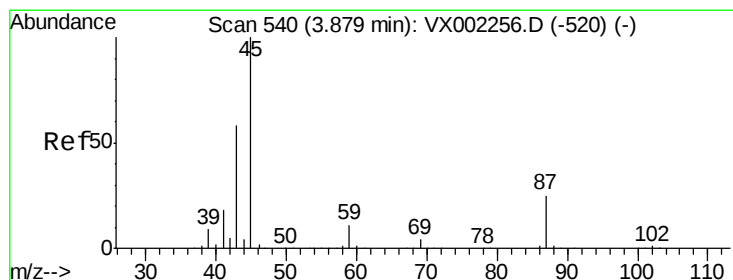
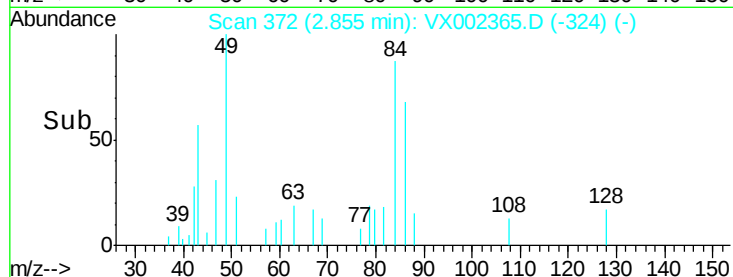
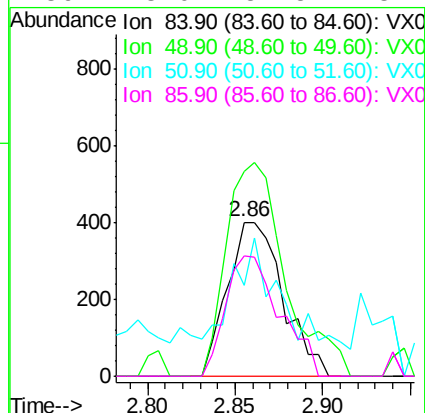
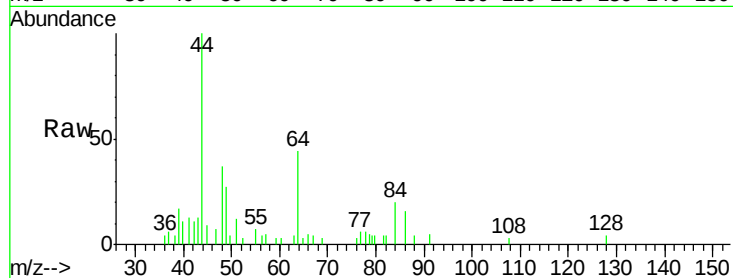




#20  
Methvlene Chloride  
Concen: Below Cal  
RT: 2.86 min Scan# 372  
Delta R.T. -0.01 min  
Lab File: VX002365.D  
Acq: 06 Jun 2018 20:49

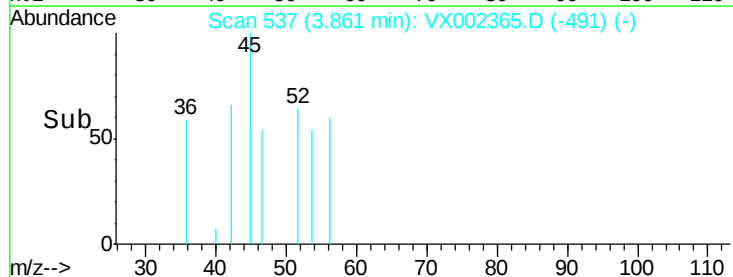
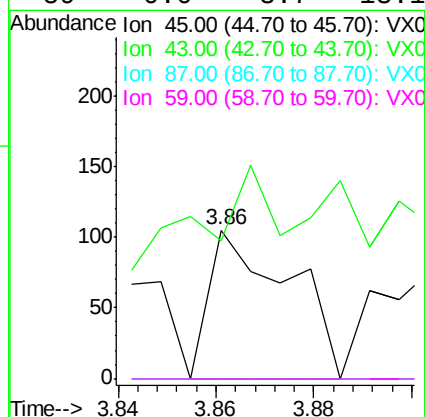
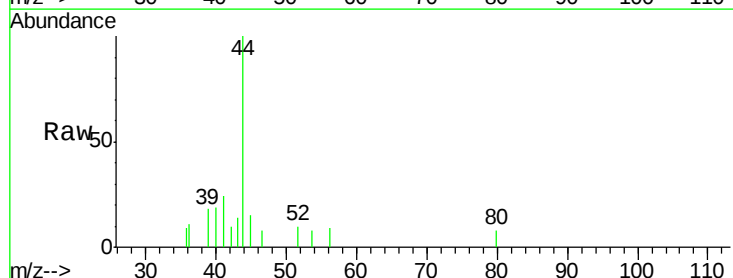
Instrument :  
MSVOA\_X  
ClientSampleId :

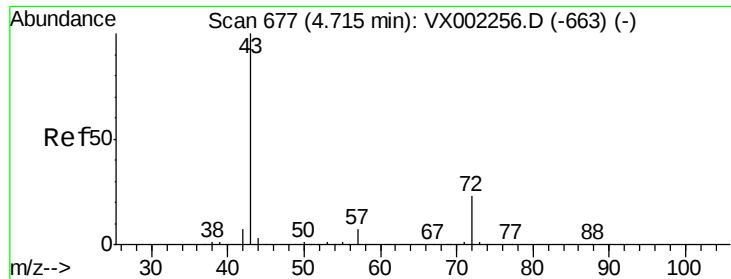
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 84    | Resp: | 883   |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 133.3 | 107.8 | 161.6 |
| 51       | 36.5  | 32.8  | 49.2  |
| 86       | 78.0  | 52.5  | 78.7  |



#22  
Diisopropyl ether  
Concen: Below Cal  
RT: 3.86 min Scan# 537  
Delta R.T. -0.02 min  
Lab File: VX002365.D  
Acq: 06 Jun 2018 20:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 120   |
| 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# |





#25

2-Butanone

Concen: 0.22 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

Instrument :

MSVOA\_X

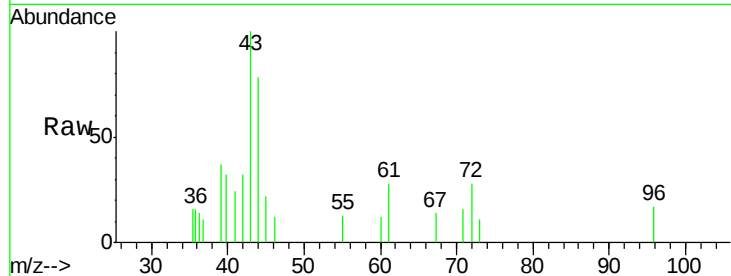
ClientSampled :

Tot Ion: 43 Resp: 491

Ion Ratio Lower Upper

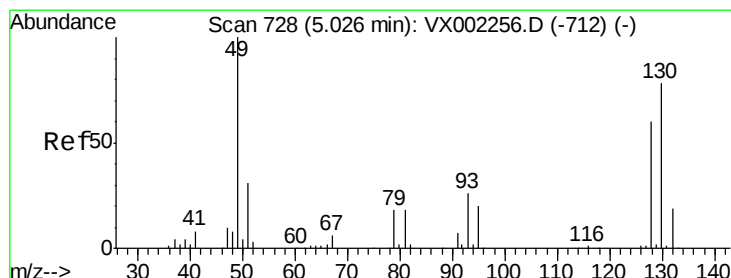
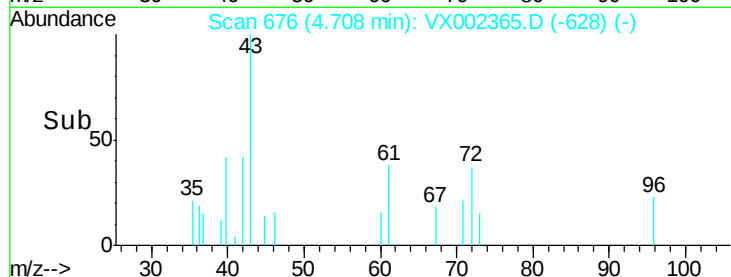
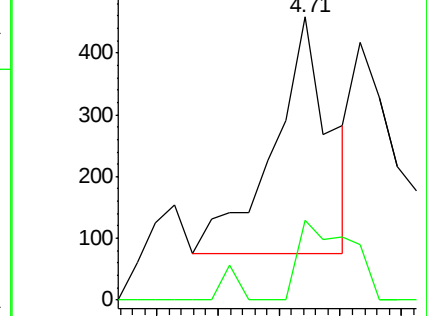
43 100

72 33.7 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 725

Delta R.T. -0.02 min

Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

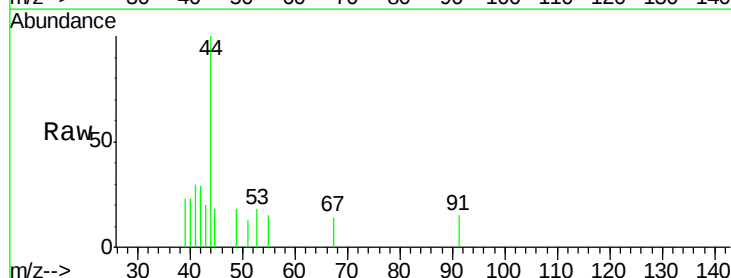
Tgt Ion: 49 Resp: 26

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

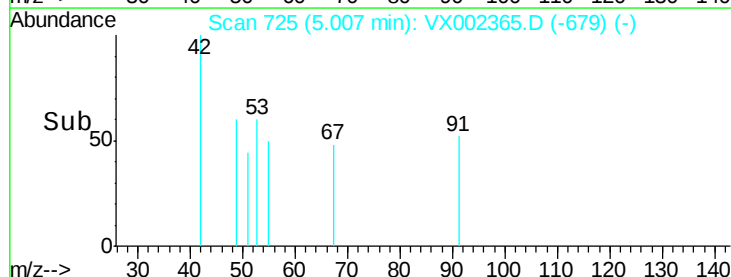
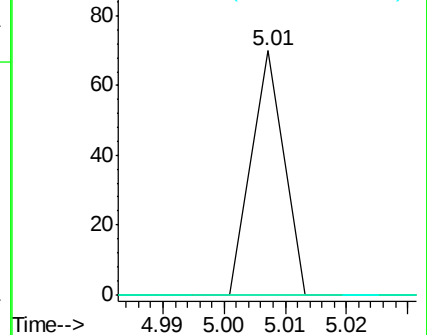
130 0.0 61.2 91.8#

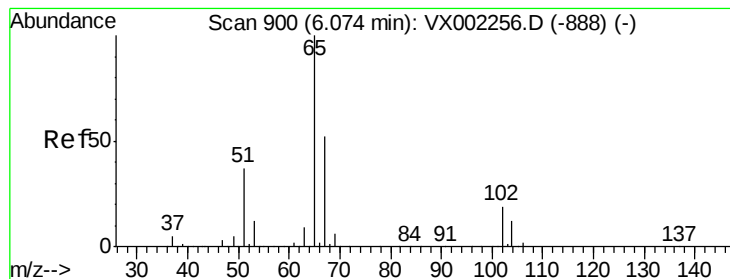


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#33

1,2-Dichloroethane-d4

Concen: 47.75 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

Instrument :

MSVOA\_X

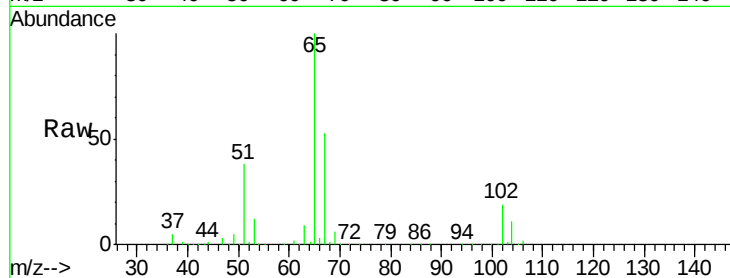
ClientSampleId :

Tot Ion: 65 Resp: 157574

Ion Ratio Lower Upper

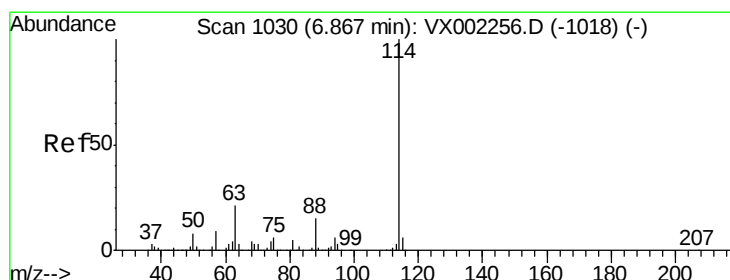
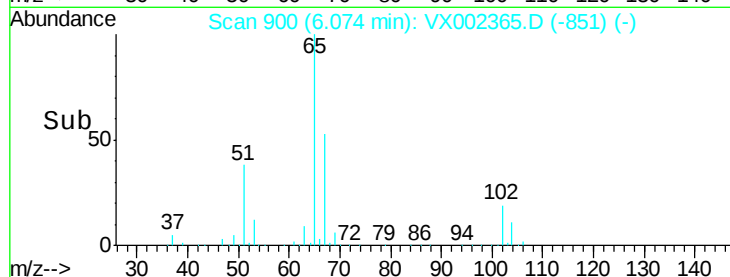
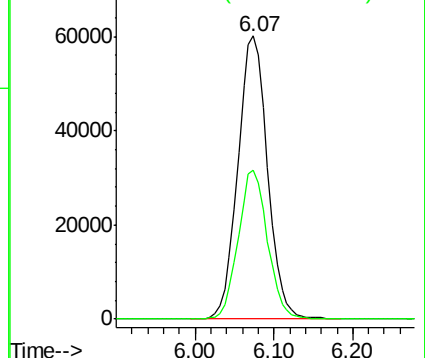
65 100

67 51.9 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: VX002365.D

Acq: 06 Jun 2018 20:49

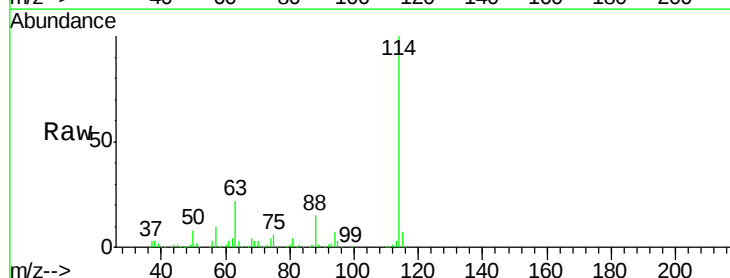
Tgt Ion: 114 Resp: 333791

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.4

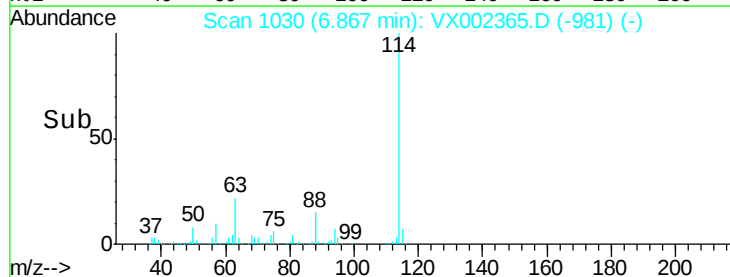
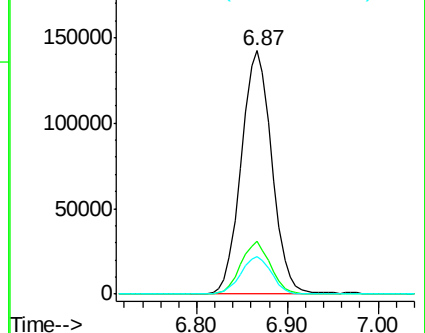
88 15.2 0.0 30.0

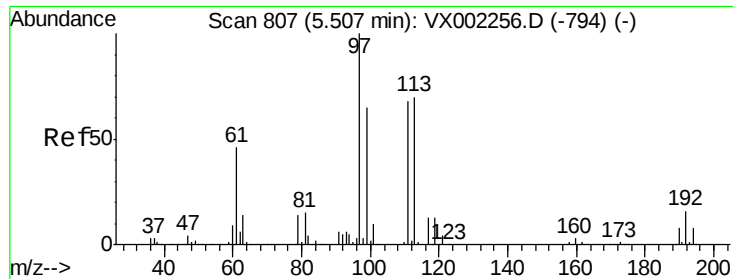


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

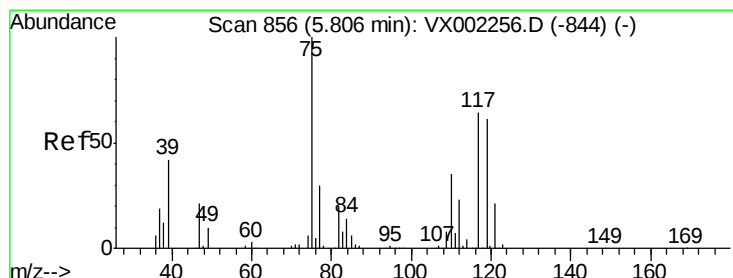
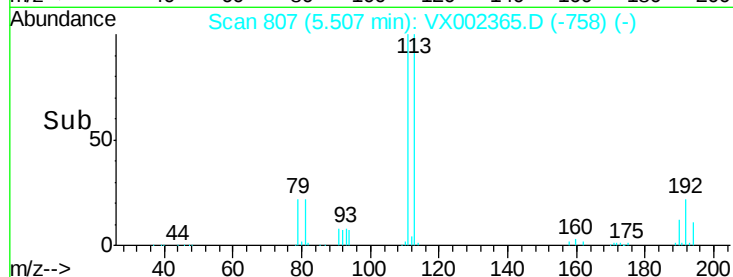
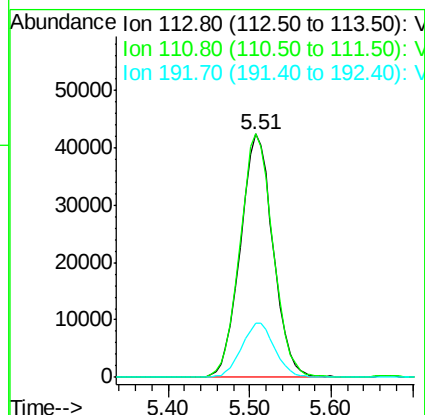
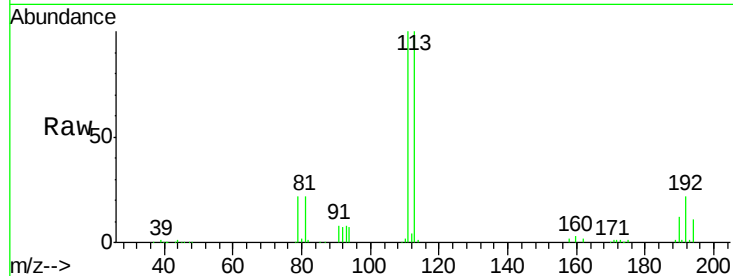




#35  
Dibromofluoromethane  
Concen: 44.89 ug/l  
RT: 5.51 min Scan# 807  
Delta R.T. -0.00 min  
Lab File: VX002365.D  
Acq: 06 Jun 2018 20:49

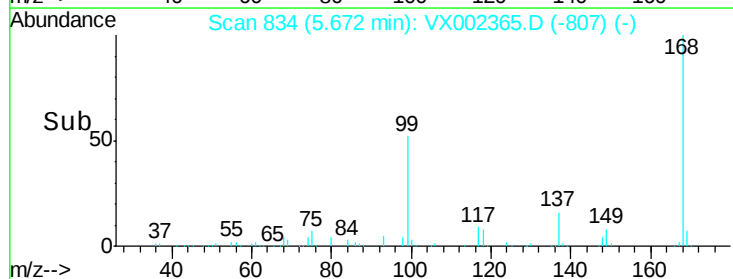
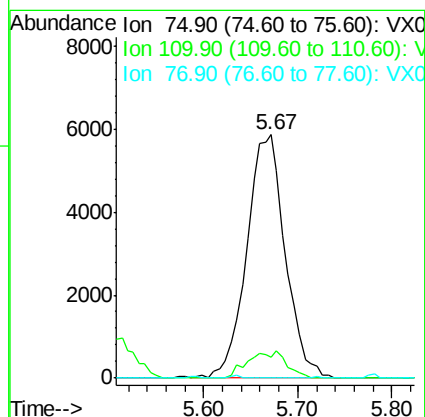
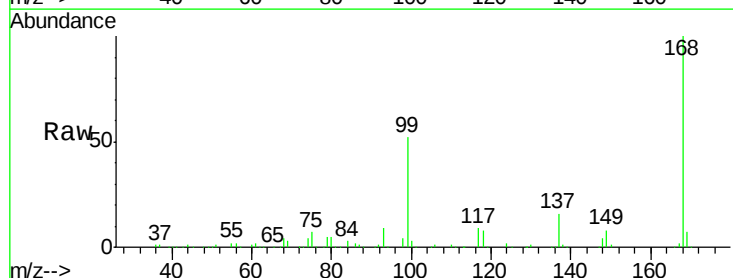
Instrument :  
MSVOA\_X  
ClientSampled :

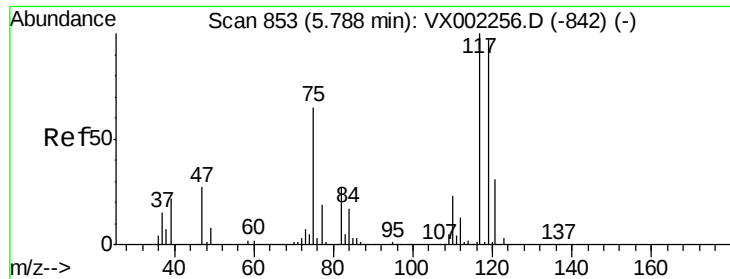
Tot Ion:113 Resp: 117827  
Ion Ratio Lower Upper  
113 100  
111 100.8 81.4 122.0  
192 22.8 19.1 28.7



#36  
1,1-Dichloropropene  
Concen: 4.78 ug/l  
RT: 5.67 min Scan# 834  
Delta R.T. -0.13 min  
Lab File: VX002365.D  
Acq: 06 Jun 2018 20:49

Tgt Ion: 75 Resp: 16786  
Ion Ratio Lower Upper  
75 100  
110 11.1 18.1 54.4#  
77 0.0 24.3 36.5#

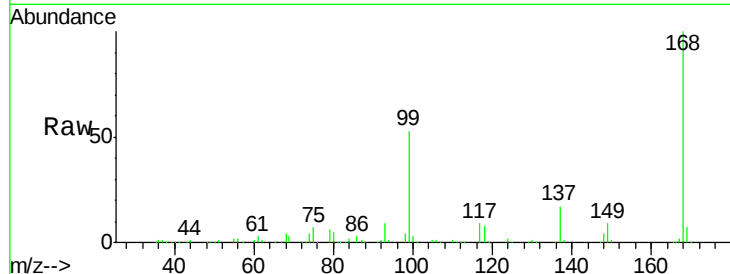




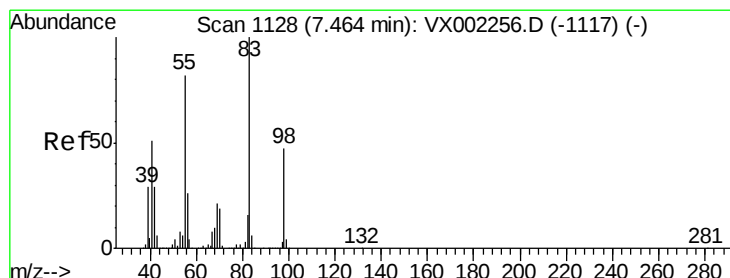
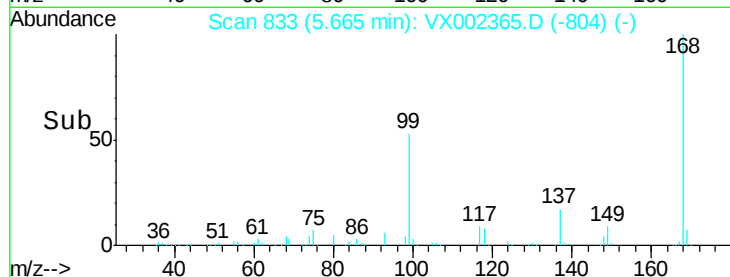
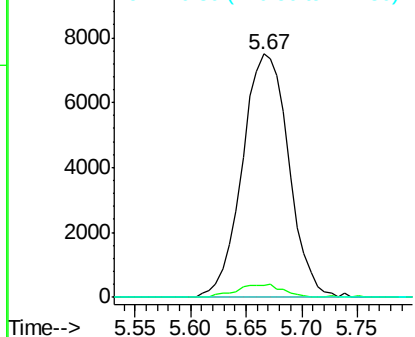
#38  
Carbon Tetrachloride  
Concen: 5.92 ug/l  
RT: 5.67 min Scan# 833  
Delta R.T. -0.12 min  
Lab File: VX002365.D  
Acq: 06 Jun 2018 20:49

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:117 Resp: 21723  
Ion Ratio Lower Upper  
117 100  
119 5.0 77.4 116.0#  
121 0.0 24.4 36.6#

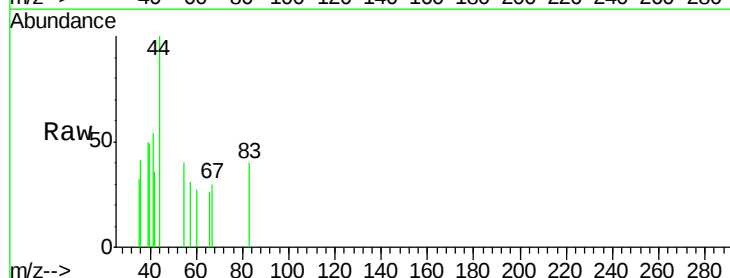


Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

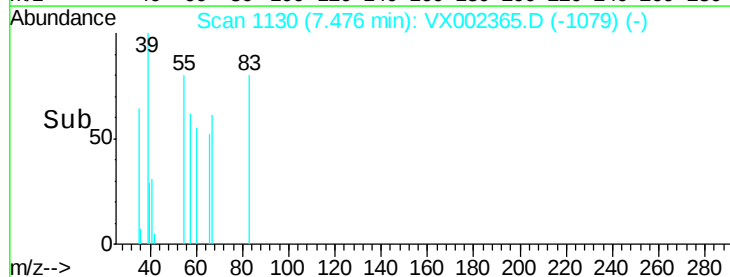
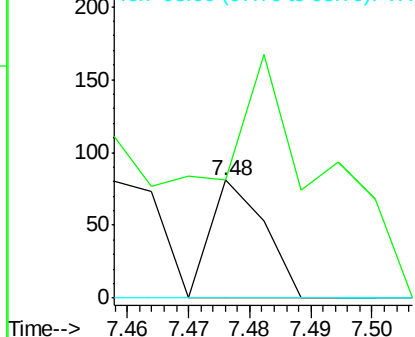


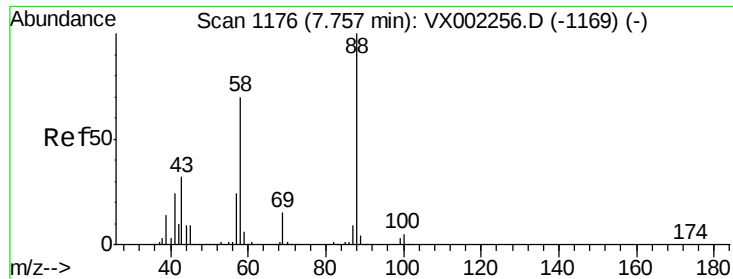
#39  
Methylcyclohexane  
Concen: 0.27 ug/l  
RT: 7.48 min Scan# 1130  
Delta R.T. 0.01 min  
Lab File: VX002365.D  
Acq: 06 Jun 2018 20:49

Tgt Ion: 83 Resp: 49  
Ion Ratio Lower Upper  
83 100  
55 0.0 65.4 98.0#  
98 0.0 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





#49

1,4-Dioxane

Concen: 0.30 ug/l

RT: 7.64 min Scan# 1157

Delta R.T. -0.12 min

Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

Instrument :

MSVOA\_X

ClientSampled :

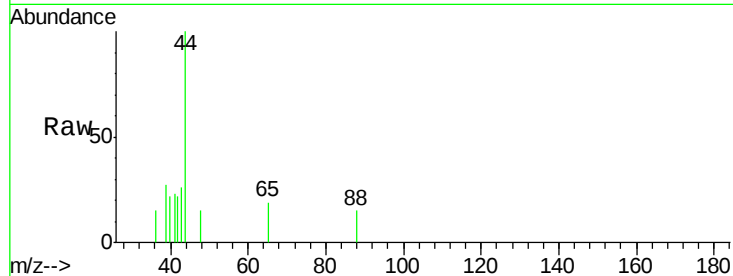
Tot Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 1510.0 29.8 44.6#

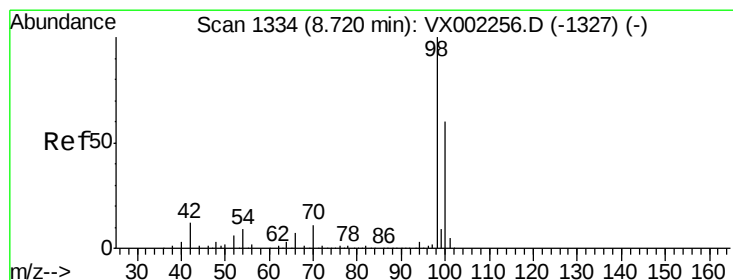
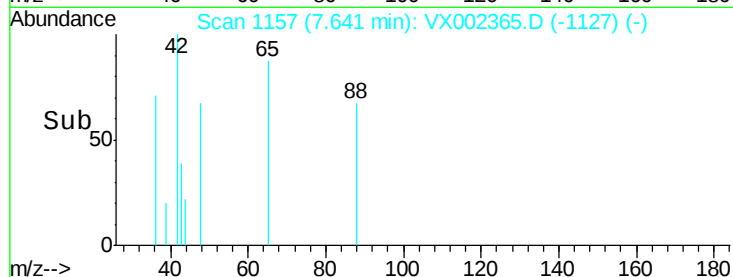
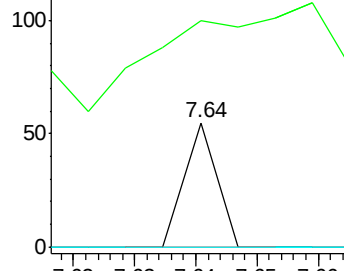
58 0.0 57.1 85.7#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.28 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002365.D

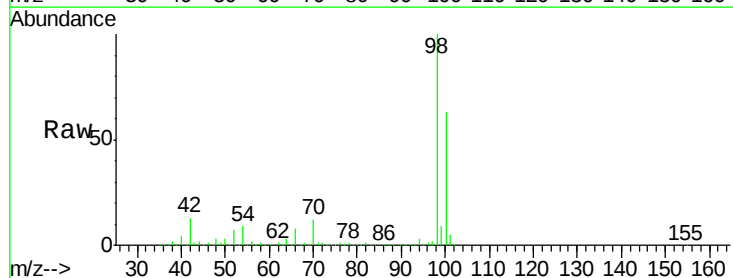
Acq: 06 Jun 2018 20:49

Tgt Ion: 98 Resp: 475690

Ion Ratio Lower Upper

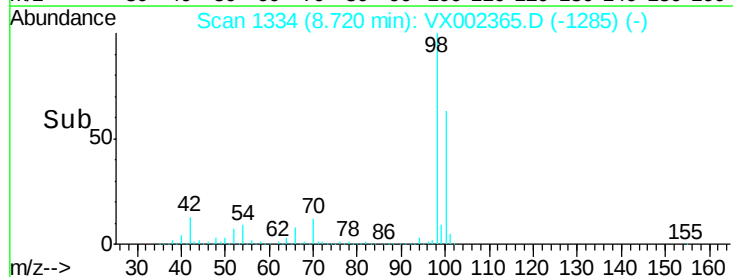
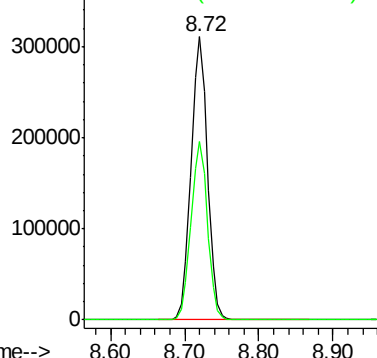
98 100

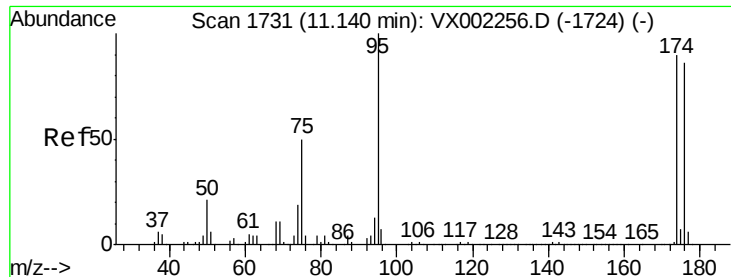
100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 42.74 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

Instrument :

MSVOA\_X

ClientSampleId :

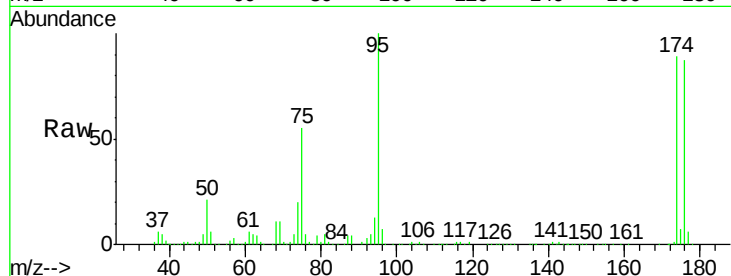
Tot Ion: 95 Resp: 165835

Ion Ratio Lower Upper

95 100

174 93.3 0.0 187.4

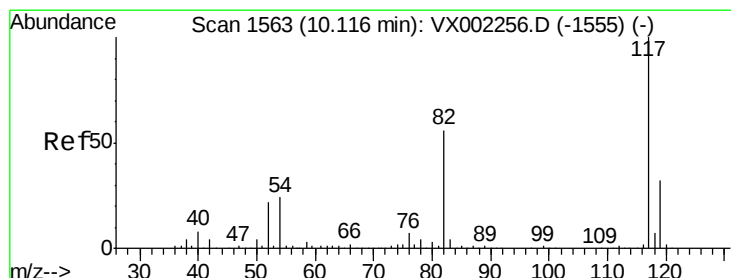
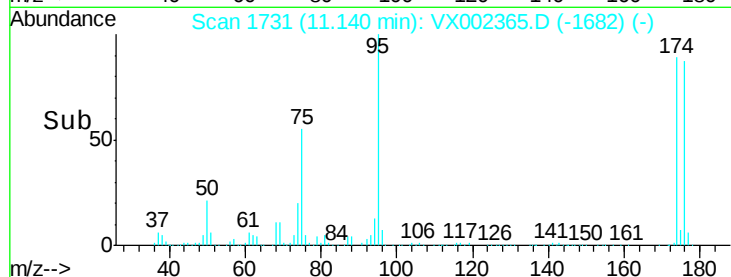
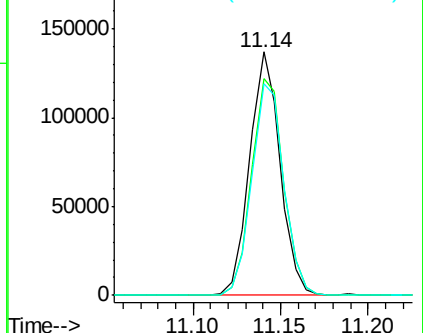
176 91.4 0.0 181.0



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: VX002365.D

Acq: 06 Jun 2018 20:49

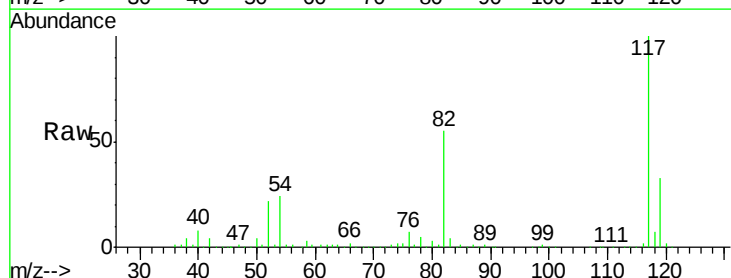
Tgt Ion: 117 Resp: 302240

Ion Ratio Lower Upper

117 100

82 55.2 45.0 67.4

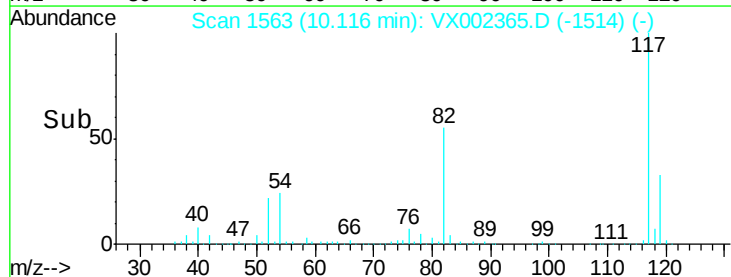
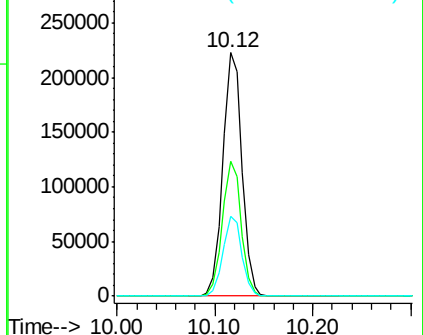
119 32.5 25.8 38.6

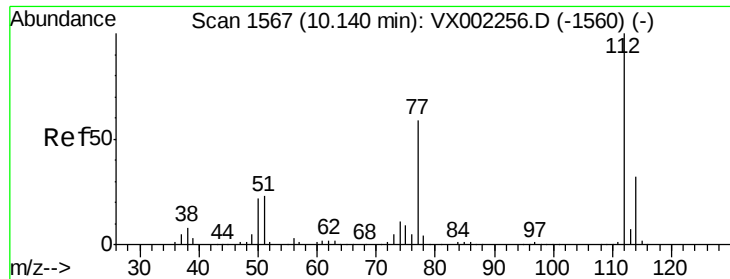


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

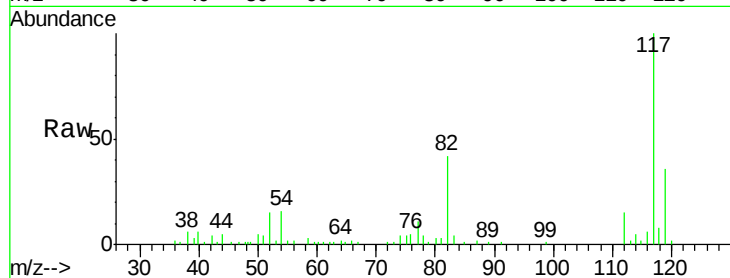




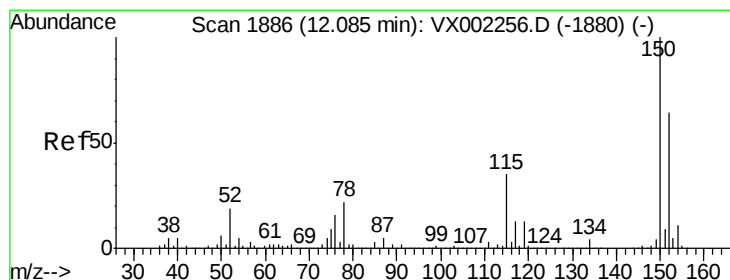
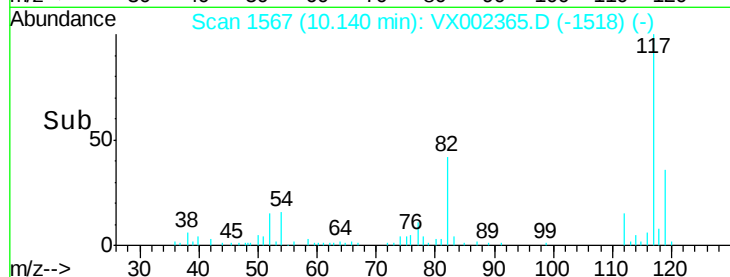
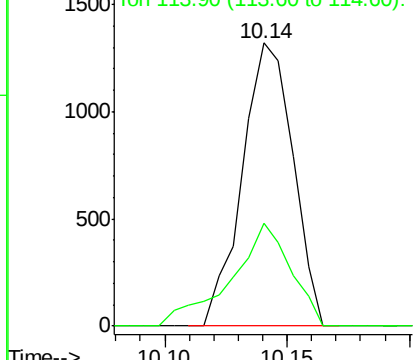
#65  
Chlorobenzene  
Concen: 0.25 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VX002365.D  
Acq: 06 Jun 2018 20:49

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion:112 Resp: 1902  
Ion Ratio Lower Upper  
112 100  
114 36.2 25.3 37.9

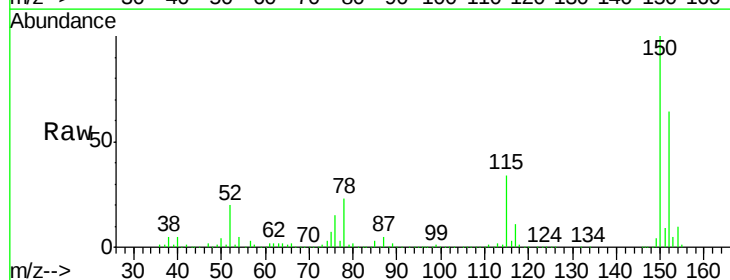


Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 113.90 (113.60 to 114.60): V

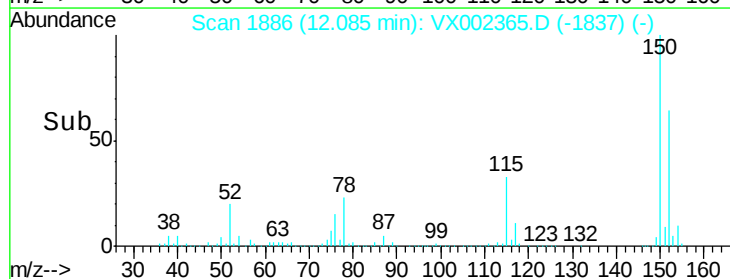
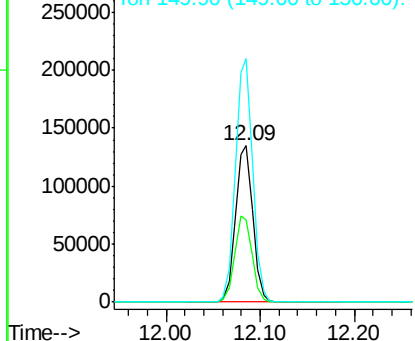


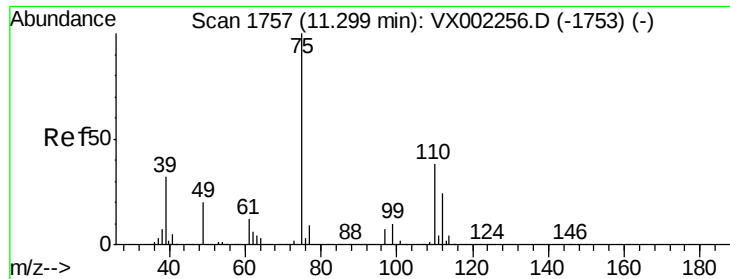
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX002365.D  
Acq: 06 Jun 2018 20:49

Tgt Ion:152 Resp: 170222  
Ion Ratio Lower Upper  
152 100  
115 54.9 40.1 120.2  
150 155.0 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: 24.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

Instrument :

MSVOA\_X

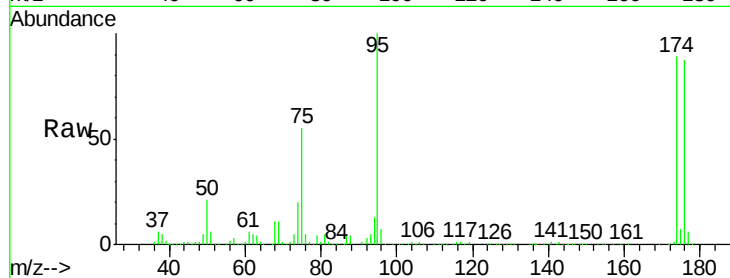
ClientSampled :

Tot Ion: 75 Resp: 90124

Ion Ratio Lower Upper

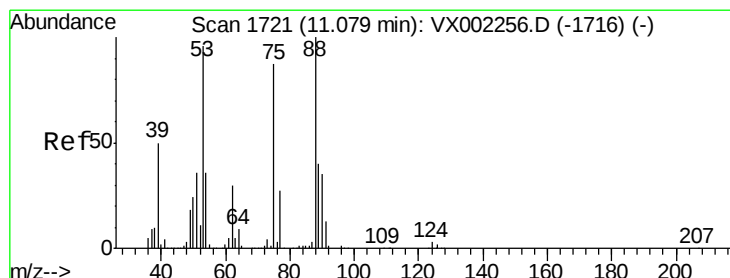
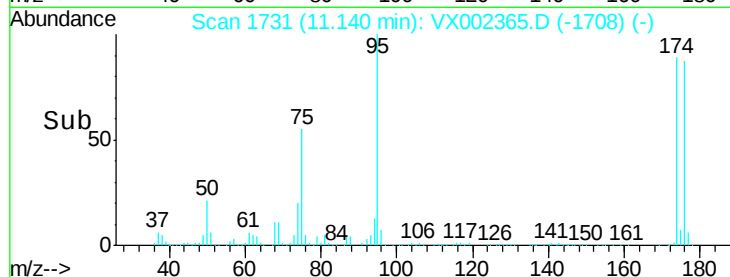
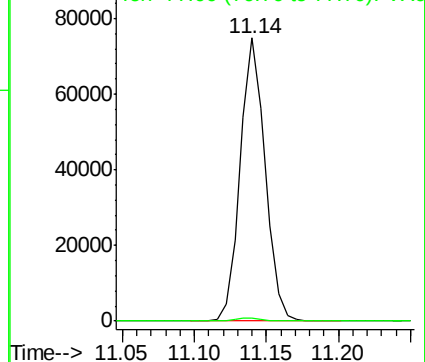
75 100

77 1.4 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 84.58 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

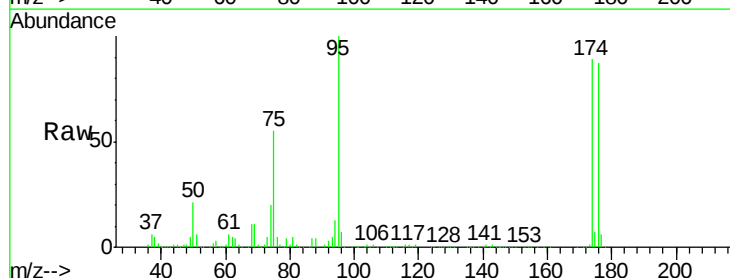
Tgt Ion: 75 Resp: 90124

Ion Ratio Lower Upper

75 100

53 0.1 86.8 130.2#

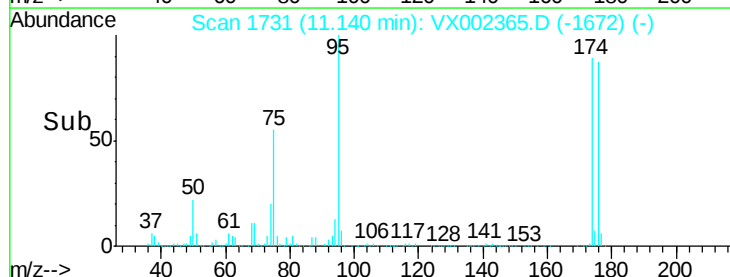
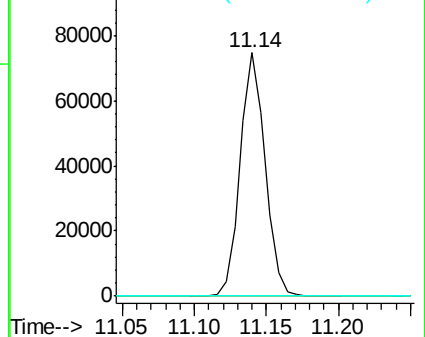
89 0.1 38.2 57.2#

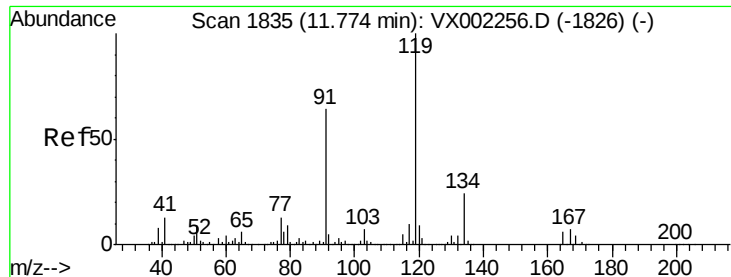


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

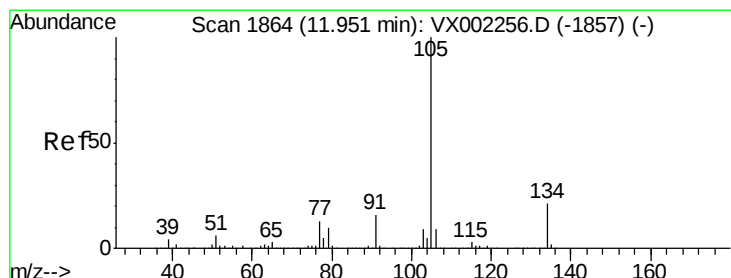
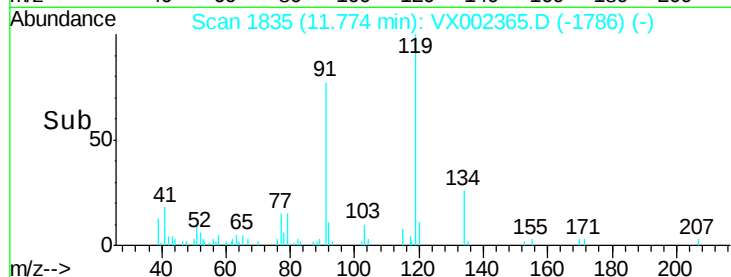
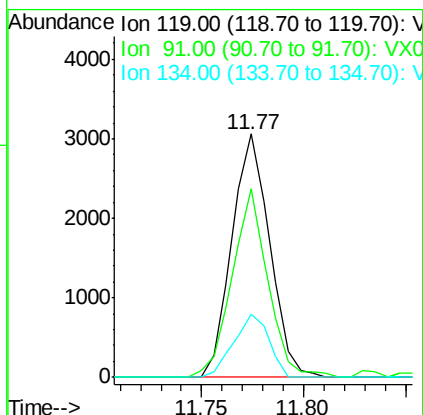
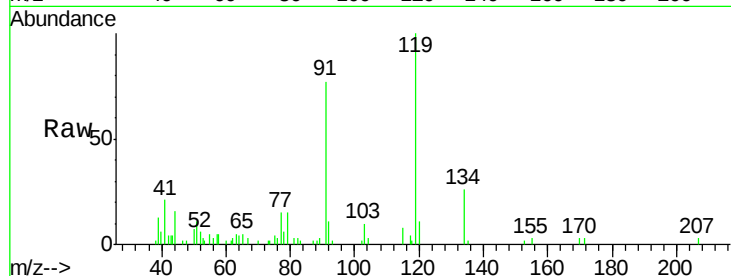




#83  
tert-Butylbenzene  
Concen: 0.40 ug/l  
RT: 11.77 min Scan# 1835  
Delta R.T. -0.00 min  
Lab File: VX002365.D  
Acq: 06 Jun 2018 20:49

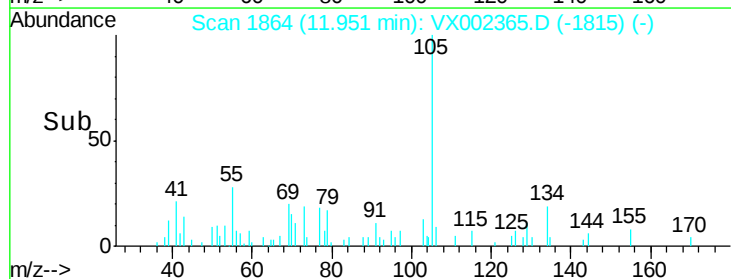
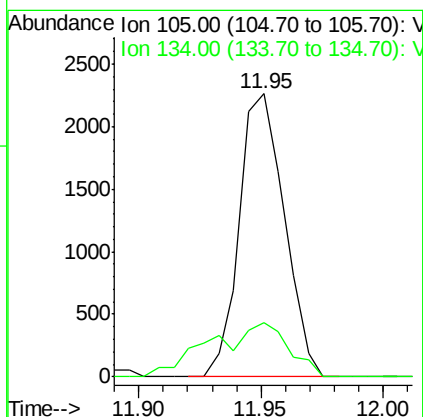
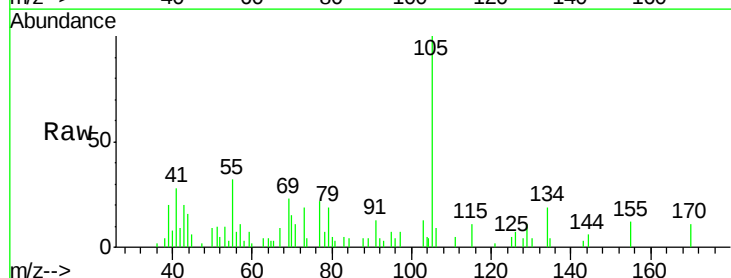
Instrument :  
MSVOA\_X  
ClientSampleId :

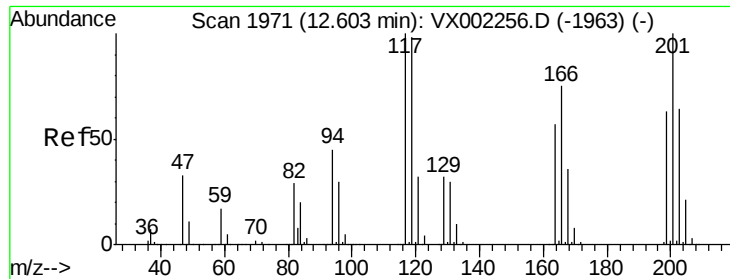
Tot Ion:119 Resp: 3928  
Ion Ratio Lower Upper  
119 100  
91 73.5 30.3 90.9  
134 24.0 11.7 35.1



#85  
sec-Butylbenzene  
Concen: 0.25 ug/l  
RT: 11.95 min Scan# 1864  
Delta R.T. -0.00 min  
Lab File: VX002365.D  
Acq: 06 Jun 2018 20:49

Tgt Ion:105 Resp: 2891  
Ion Ratio Lower Upper  
105 100  
134 33.7 10.4 31.1#





#90

Hexachloroethane

Concen: 0.28 ug/l

RT: 12.66 min Scan# 1981

Delta R.T. 0.06 min

Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

Instrument :

MSVOA\_X

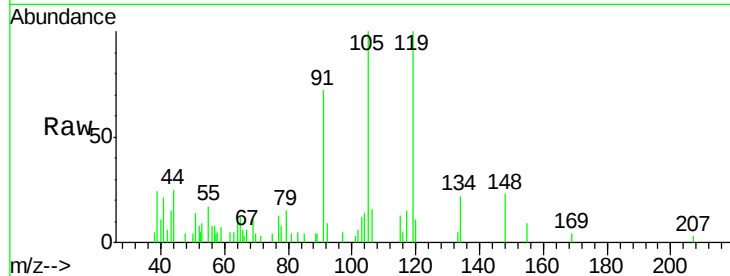
ClientSampled :

Tot Ion:117 Resp: 464

Ion Ratio Lower Upper

117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

600

500

400

300

200

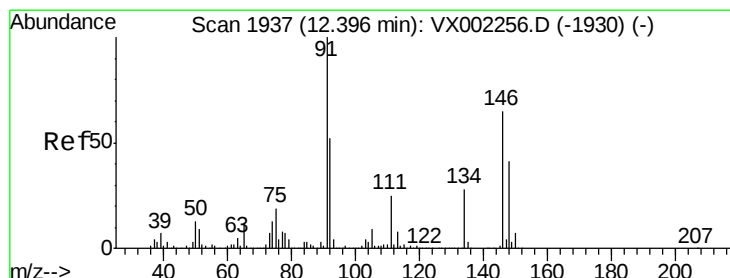
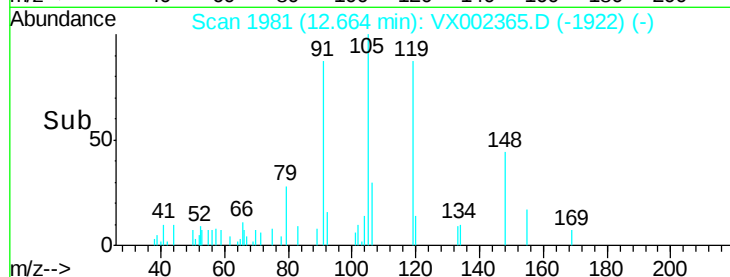
100

0

12.65

12.66

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.30 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002365.D

Acq: 06 Jun 2018 20:49

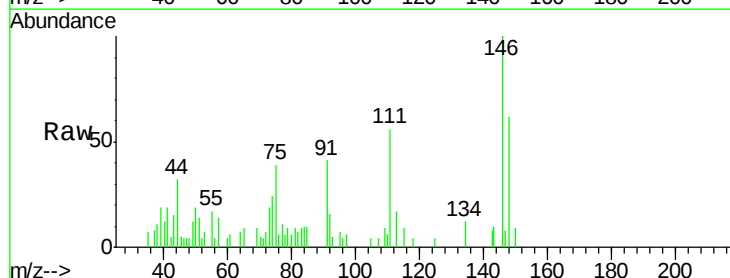
Tgt Ion:146 Resp: 1866

Ion Ratio Lower Upper

146 100

111 47.4 19.4 58.1

148 59.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

2000

1500

1000

500

0

12.35

12.40

Time-->

