

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\  
 Data File : VX006670.D  
 Acq On : 20 Dec 2018 12:41  
 Operator : JC/MD  
 Sample : J6492-01 50X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 QNWP8-MW26S-GW

Quant Time: Dec 21 03:29:41 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 19 15:20:58 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 621009   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 994819   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 910028   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 463553   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 341405   | 51.01 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.02% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 293974   | 46.73 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 93.46%  |      |
| 50) Toluene-d8            | 8.71   | 98  | 1171516  | 49.39 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.78%  |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 432126   | 49.75 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.50%  |      |

## Target Compounds

|                                |       |     |         |           | Qvalue |     |
|--------------------------------|-------|-----|---------|-----------|--------|-----|
| 3) Chloromethane               | 1.33  | 50  | 5242    | 0.856     | ug/l # | 60  |
| 5) Bromomethane                | 1.64  | 94  | 612     | Below Cal | #      | 10  |
| 6) Chloroethane                | 1.89  | 64  | 3319    | 0.750     | ug/l # | 52  |
| 11) Tert butyl alcohol         | 3.09  | 59  | 517     | 0.346     | ug/l # | 1   |
| 16) Acetone                    | 2.45  | 43  | 2024    | 0.658     | ug/l # | 49  |
| 17) Carbon Disulfide           | 2.57  | 76  | 5141    | 0.350     | ug/l # | 85  |
| 20) Methylene Chloride         | 2.86  | 84  | 2088    | 0.328     | ug/l # | 88  |
| 28) Bromochloromethane         | 5.01  | 49  | 445     | Below Cal | #      | 19  |
| 36) 1,1-Dichloropropene        | 5.66  | 75  | 40704   | 4.940     | ug/l # | 45  |
| 38) Carbon Tetrachloride       | 5.67  | 117 | 59190   | 7.392     | ug/l # | 13  |
| 39) Methylcyclohexane          | 7.46  | 83  | 4734    | 0.436     | ug/l   | 97  |
| 40) Benzene                    | 6.15  | 78  | 2006133 | 80.101    | ug/l   | 100 |
| 42) 1,2-Dichloroethane         | 6.15  | 62  | 16510   | 1.935     | ug/l   | 76  |
| 49) 1,4-Dioxane                | 7.75  | 88  | 62      | Below Cal | #      | 1   |
| 52) Toluene                    | 8.79  | 92  | 292927  | 18.104    | ug/l   | 100 |
| 60) Dibromochloromethane       | 9.59  | 129 | 94      | 2.337     | ug/l   | 88  |
| 67) Ethyl Benzene              | 10.25 | 91  | 694085  | 22.063    | ug/l   | 99  |
| 68) m/p-Xylenes                | 10.36 | 106 | 400955  | 32.299    | ug/l   | 99  |
| 69) o-Xylene                   | 10.69 | 106 | 275235  | 22.453    | ug/l   | 98  |
| 70) Styrene                    | 10.70 | 104 | 13566   | 0.700     | ug/l # | 1   |
| 73) Isopropylbenzene           | 11.02 | 105 | 31542   | 0.995     | ug/l   | 96  |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75  | 203037  | 23.569    | ug/l # | 40  |
| 78) n-propylbenzene            | 11.36 | 91  | 13562   | 0.388     | ug/l   | 96  |
| 79) 2-Chlorotoluene            | 11.43 | 91  | 15476   | 0.731     | ug/l # | 55  |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105 | 79614   | 3.048     | ug/l   | 100 |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75  | 203037  | 69.887    | ug/l # | 10  |
| 82) 4-Chlorotoluene            | 11.51 | 91  | 9099    | 0.375     | ug/l # | 50  |
| 83) tert-Butylbenzene          | 11.80 | 119 | 25889   | 0.990     | ug/l # | 53  |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105 | 215862  | 7.857     | ug/l   | 98  |
| 85) sec-Butylbenzene           | 11.80 | 105 | 215862  | 6.735     | ug/l # | 55  |
| 86) p-Isopropyltoluene         | 12.06 | 119 | 8421    | 0.299     | ug/l # | 75  |
| 90) Hexachloroethane           | 12.76 | 117 | 19520   | 7.428     | ug/l # | 6   |
| 92) 1,2-Dibromo-3-Chloropropan | 13.02 | 75  | 8443    | 4.326     | ug/l # | 1   |
| 95) Naphthalene                | 13.83 | 128 | 7493803 | 220.210   | ug/l   | 98  |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122018\  
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Acq On : 20 Dec 2018 12:41  
Operator : JC/MD  
Sample : J6492-01 50X  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
QNWP8-MW26S-GW

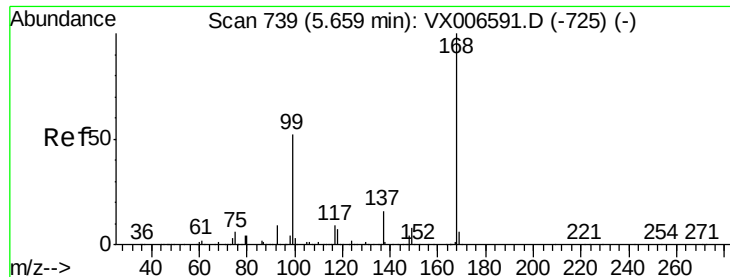
Quant Time: Dec 21 03:29:41 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 19 15:20:58 2018  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

|       |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|
| ----- |  |  |  |  |  |  |
| ----- |  |  |  |  |  |  |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

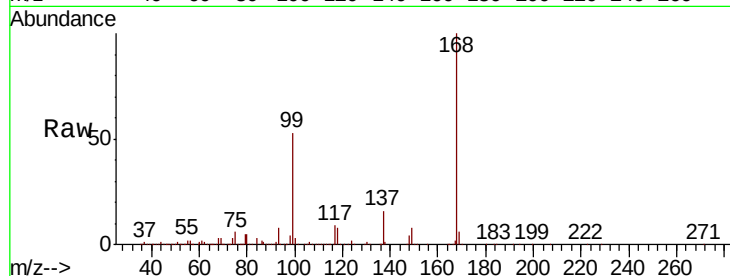
QNWP8-MW26S-GW

Tot Ion:168 Resp: 621009

Ion Ratio Lower Upper

168 100

99 52.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

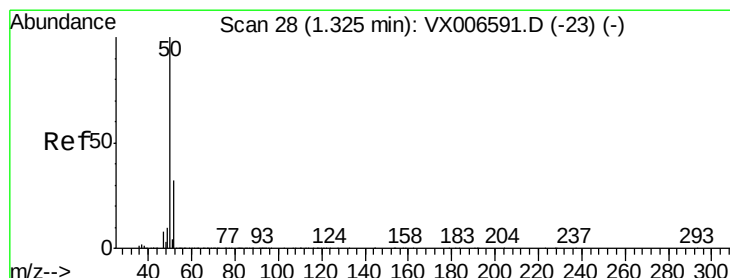
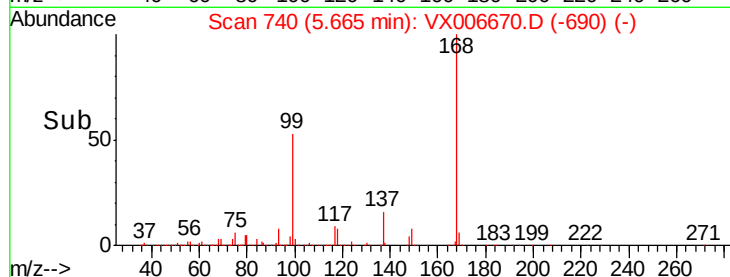
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.856 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006670.D

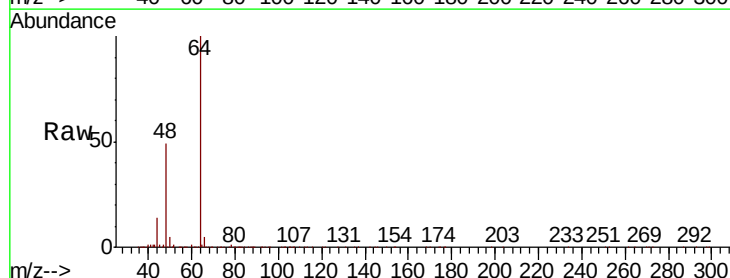
Acq: 20 Dec 2018 12:41

Tgt Ion: 50 Resp: 5242

Ion Ratio Lower Upper

50 100

52 9.6 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

2500

2000

1500

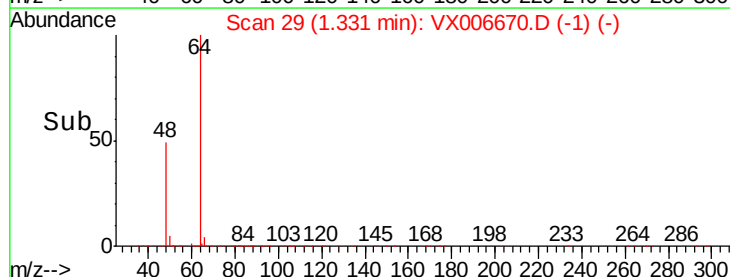
1000

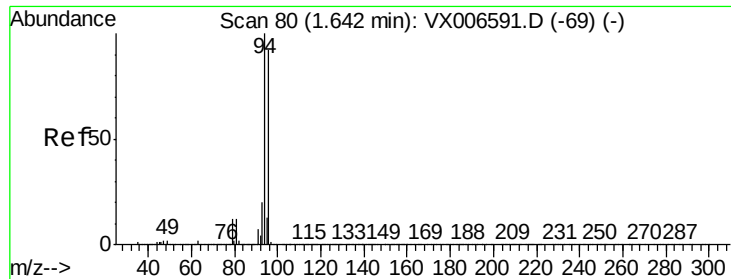
500

0

Time-->

1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

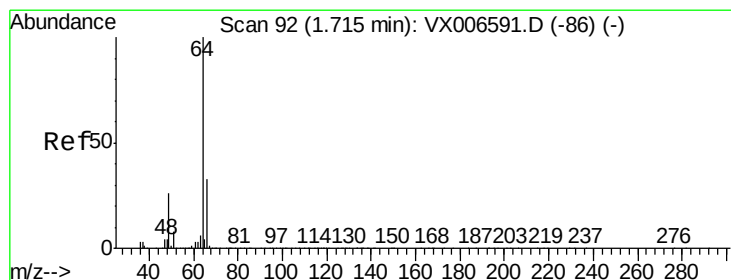
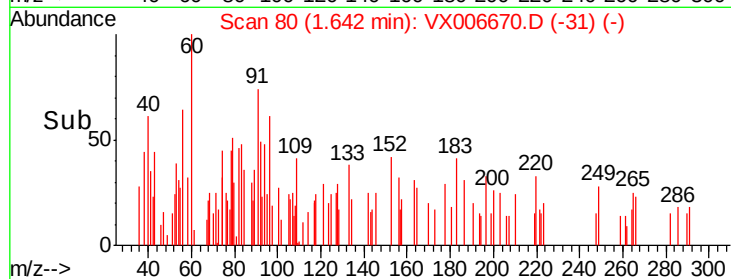
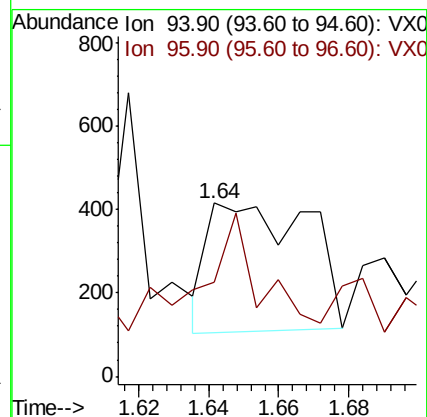
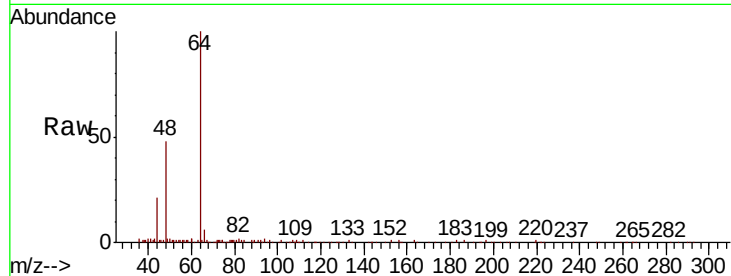
QNWP8-MW26S-GW

Tot Ion: 94 Resp: 612

Ion Ratio Lower Upper

94 100

96 5.7 73.4 110.2#



#6

Chloroethane

Concen: 0.750 ug/l

RT: 1.89 min Scan# 121

Delta R.T. 0.18 min

Lab File: VX006670.D

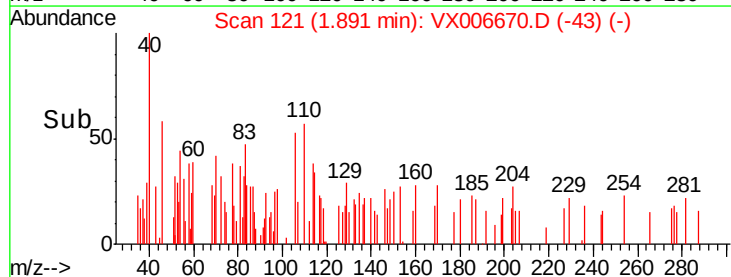
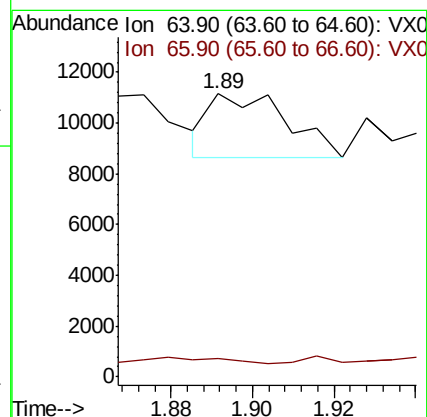
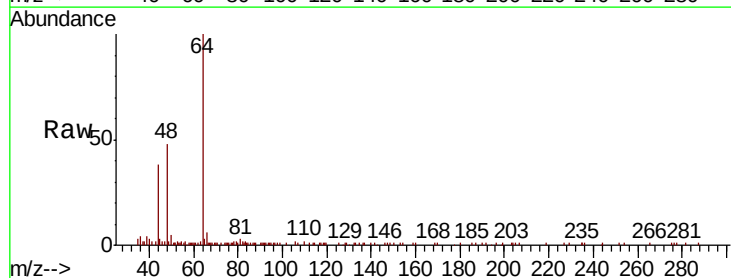
Acq: 20 Dec 2018 12:41

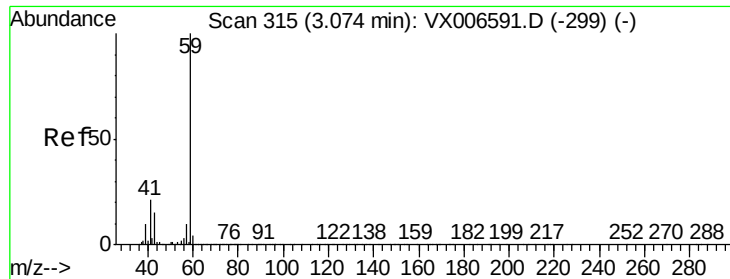
Tgt Ion: 64 Resp: 3319

Ion Ratio Lower Upper

64 100

66 5.9 26.4 39.6#

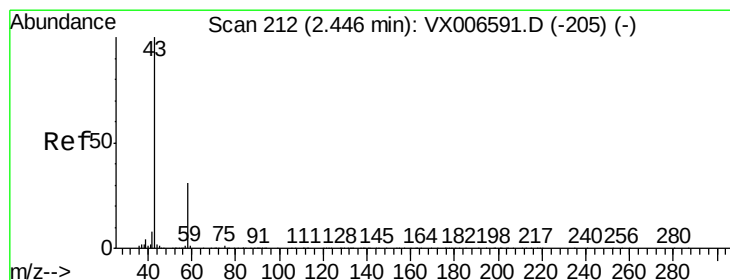
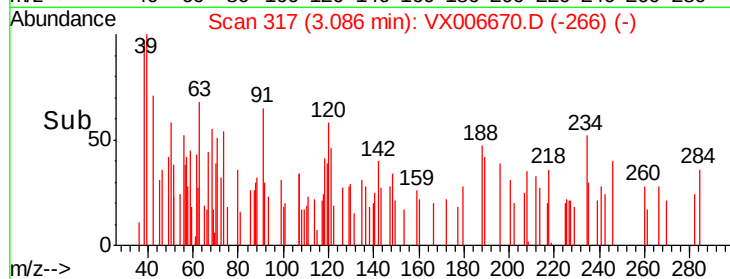
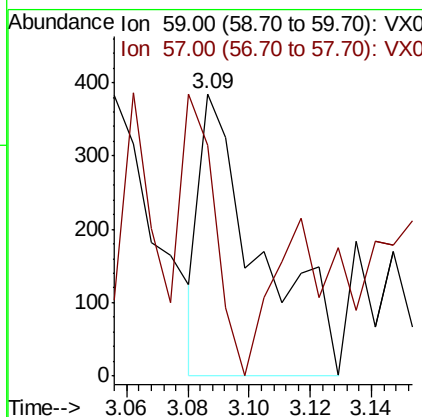
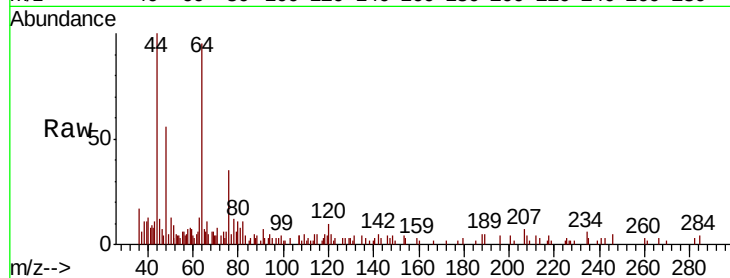




#11  
Tert butyl alcohol  
Concen: 0.346 ug/l  
RT: 3.09 min Scan# 317  
Delta R.T. 0.01 min  
Lab File: VX006670.D  
Acq: 20 Dec 2018 12:41

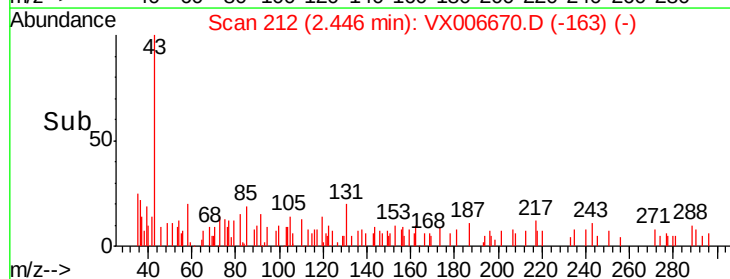
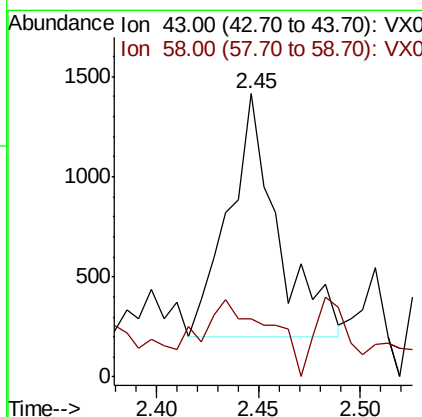
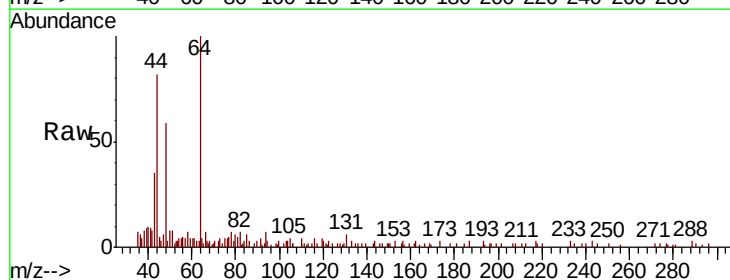
Instrument :  
MSVOA\_X  
ClientSampleId :  
QNWP8-MW26S-GW

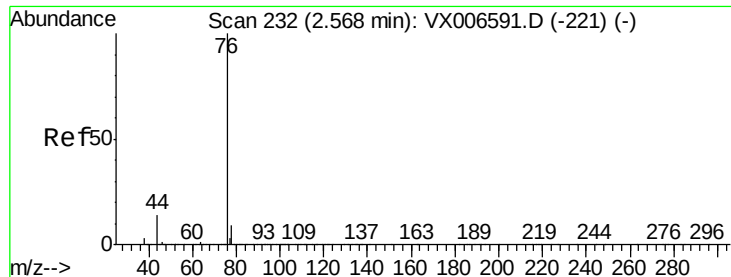
Tot Ion: 59 Resp: 517  
Ion Ratio Lower Upper  
59 100  
57 56.1 8.5 12.7#



#16  
Acetone  
Concen: 0.658 ug/l  
RT: 2.45 min Scan# 212  
Delta R.T. -0.00 min  
Lab File: VX006670.D  
Acq: 20 Dec 2018 12:41

Tgt Ion: 43 Resp: 2024  
Ion Ratio Lower Upper  
43 100  
58 3.4 25.0 37.6#





#17

Carbon Disulfide

Concen: 0.350 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

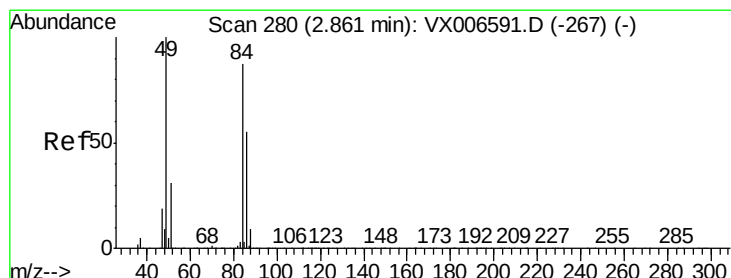
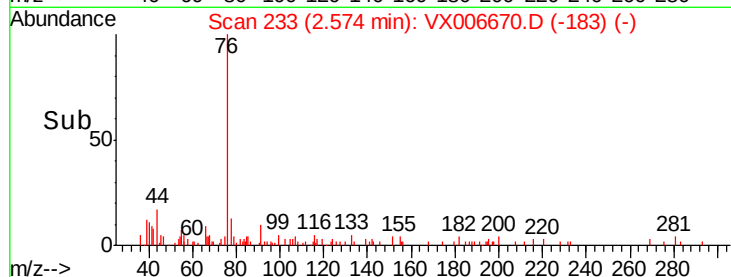
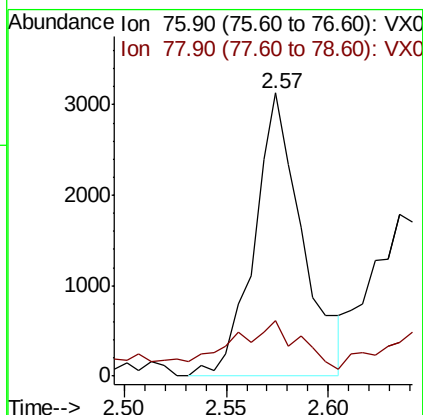
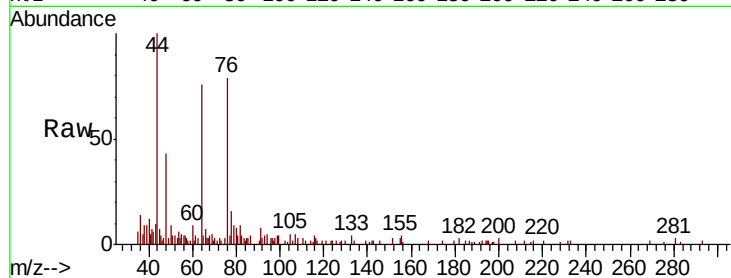
QNWP8-MW26S-GW

Tot Ion: 76 Resp: 5141

Ion Ratio Lower Upper

76 100

78 14.3 7.0 10.6#



#20

Methylene Chloride

Concen: 0.328 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Tgt Ion: 84 Resp: 2088

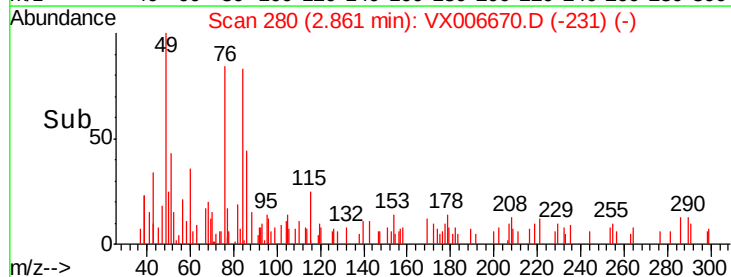
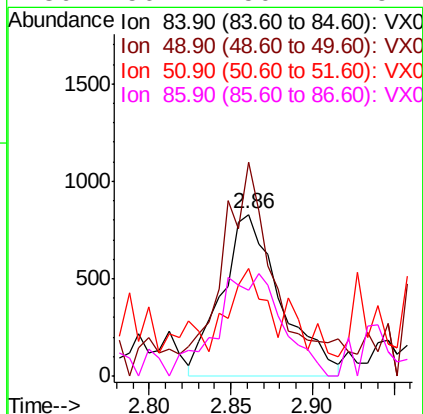
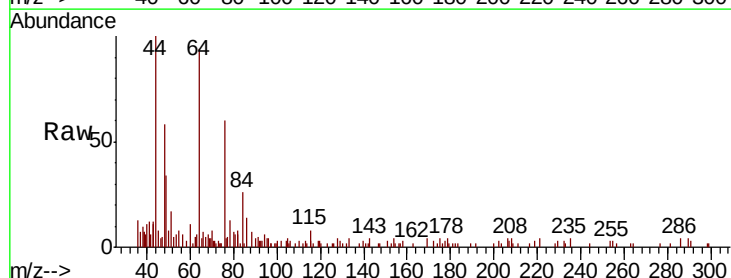
Ion Ratio Lower Upper

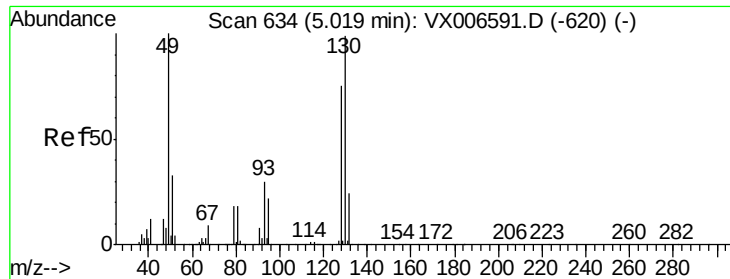
84 100

49 121.7 91.8 137.6

51 58.2 28.5 42.7#

86 56.7 50.2 75.2





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

QNWP8-MW26S-GW

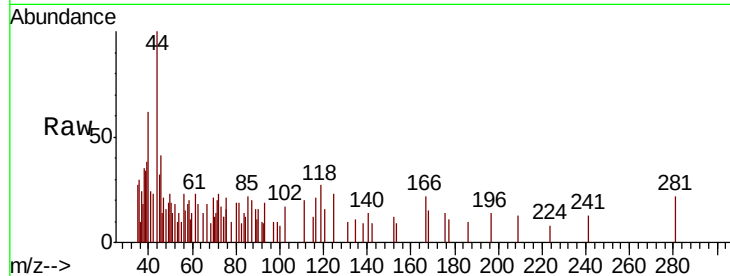
Tot Ion: 49 Resp: 445

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.4

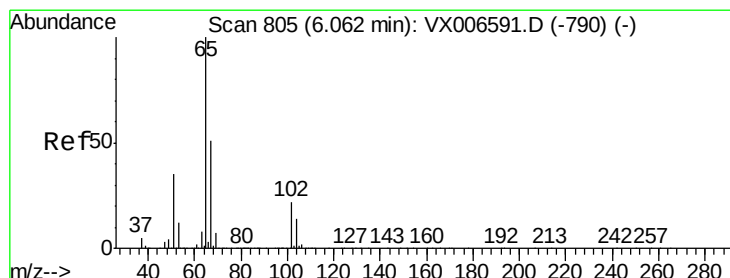
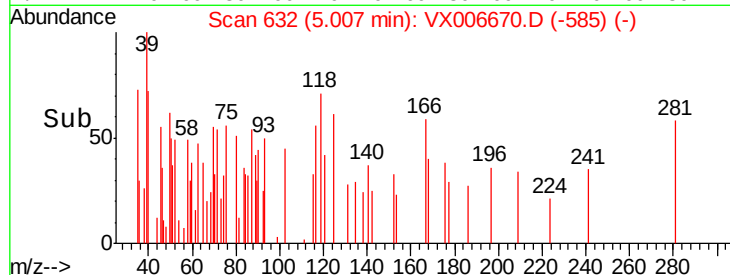
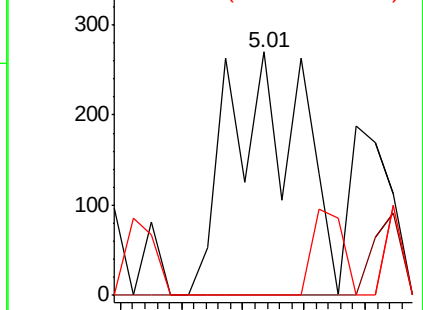
130 15.1 77.7 116.5#



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: 51.010 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006670.D

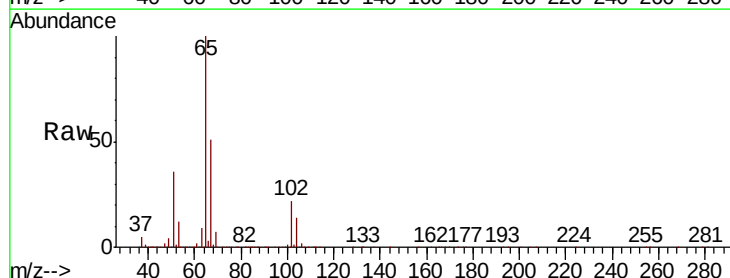
Acq: 20 Dec 2018 12:41

Tgt Ion: 65 Resp: 341405

Ion Ratio Lower Upper

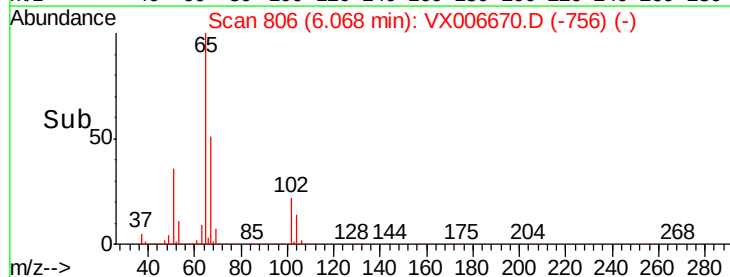
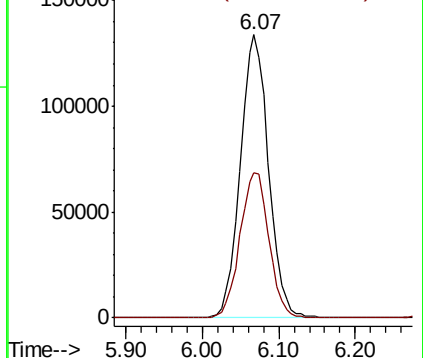
65 100

67 52.9 0.0 105.0

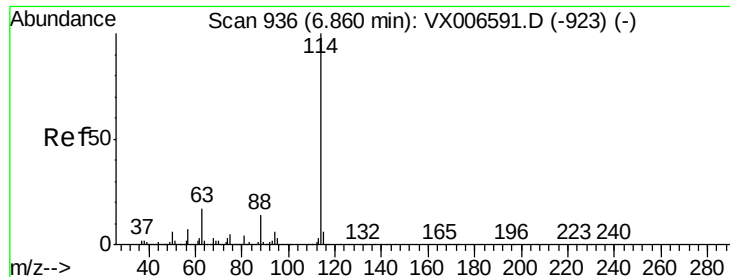


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0







#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

QNWP8-MW26S-GW

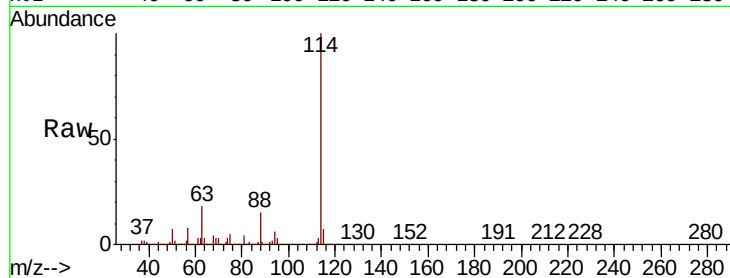
Tot Ion:114 Resp: 994819

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

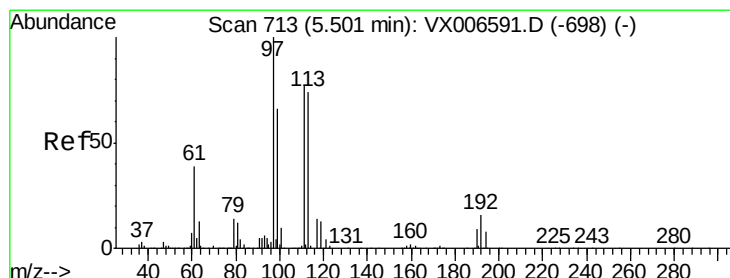
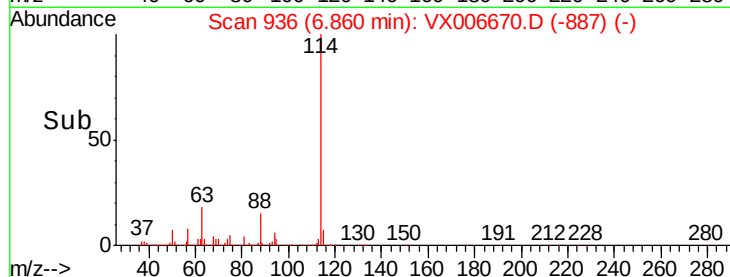
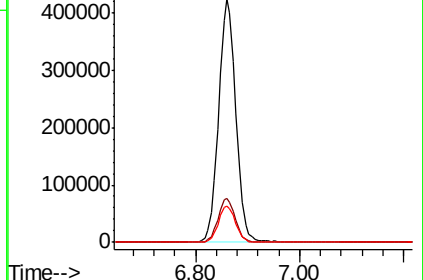
88 15.0 0.0 28.8



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: 46.729 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

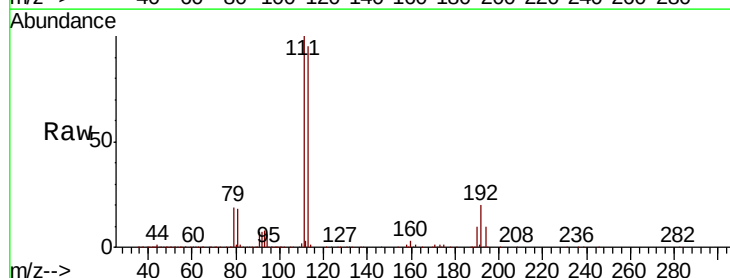
Tgt Ion:113 Resp: 293974

Ion Ratio Lower Upper

113 100

111 103.7 81.6 122.4

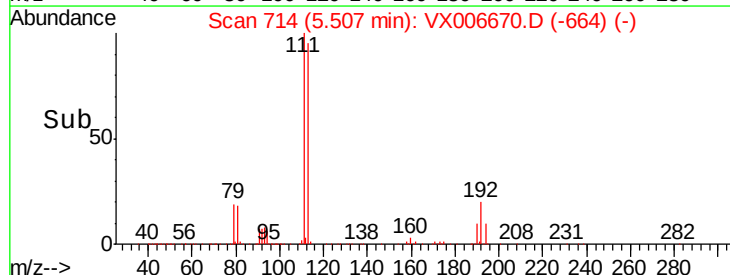
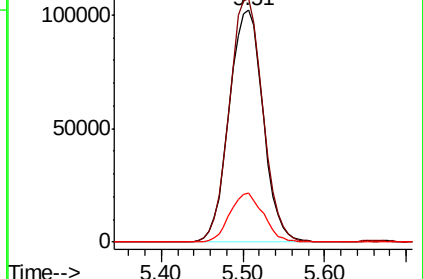
192 20.9 16.7 25.1

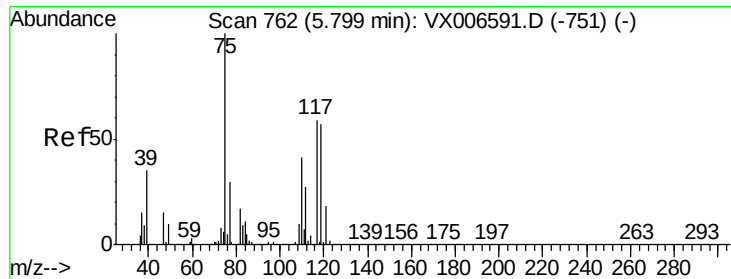


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

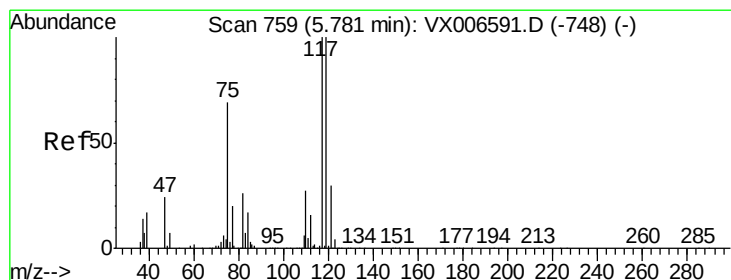
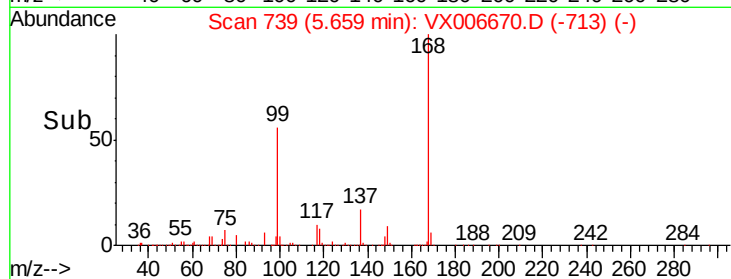
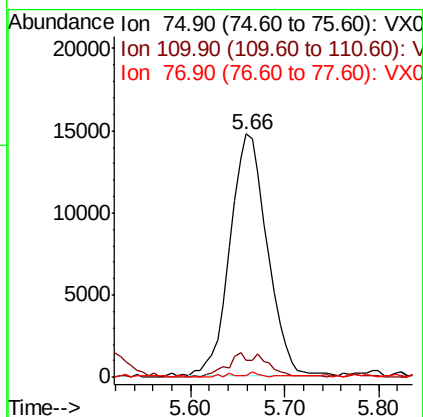
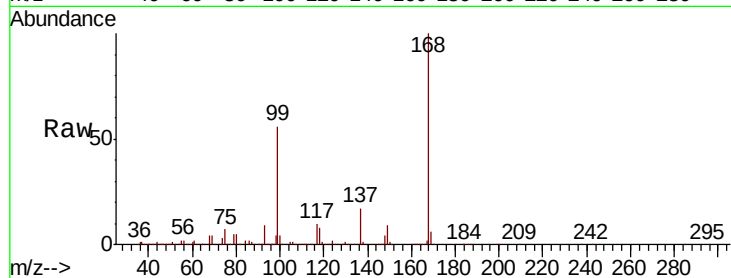




#36  
 1,1-Dichloropropene  
 Concen: 4.940 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.14 min  
 Lab File: VX006670.D  
 Acq: 20 Dec 2018 12:41

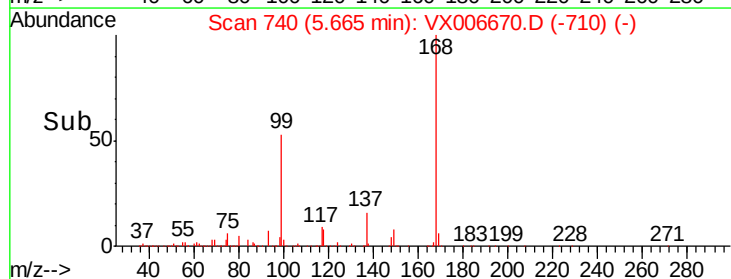
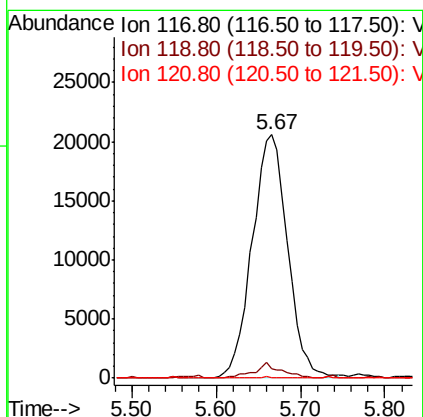
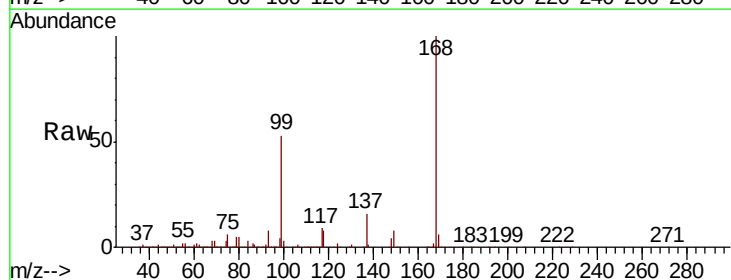
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 QNWP8-MW26S-GW

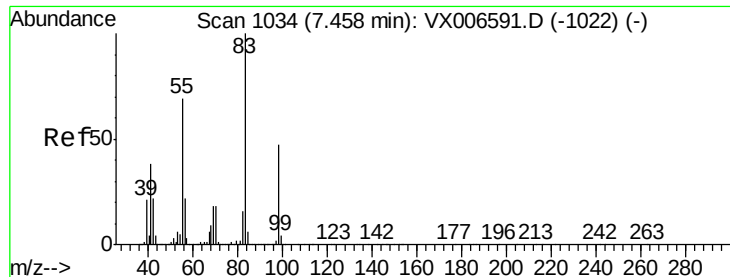
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 6.4   | 20.2  | 60.5# |
| 77      | 0.6   | 24.8  | 37.2# |



#38  
 Carbon Tetrachloride  
 Concen: 7.392 ug/l  
 RT: 5.67 min Scan# 740  
 Delta R.T. -0.12 min  
 Lab File: VX006670.D  
 Acq: 20 Dec 2018 12:41

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 3.6   | 79.4  | 119.2# |
| 121     | 0.0   | 24.0  | 36.0#  |





#39

Methylvlcyclohexane

Concen: 0.436 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

QNWP8-MW26S-GW

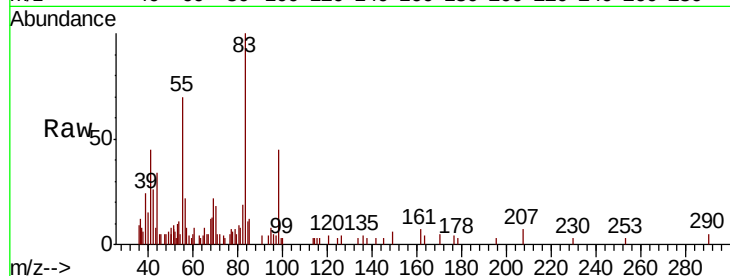
Tot Ion: 83 Resp: 4734

Ion Ratio Lower Upper

83 100

55 65.9 54.9 82.3

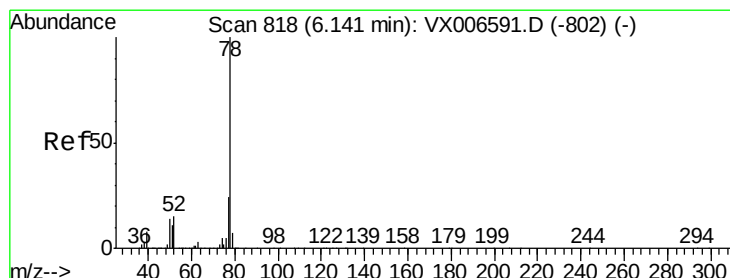
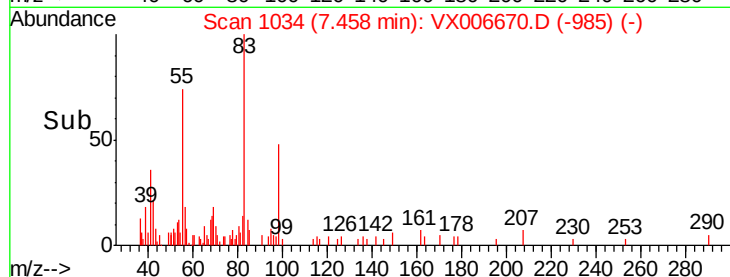
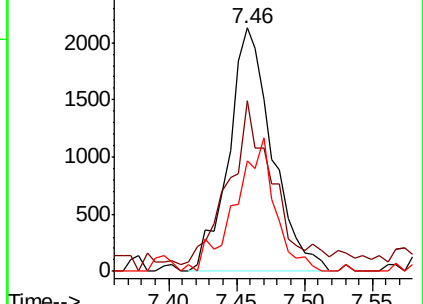
98 45.2 37.9 56.9



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



#40

Benzene

Concen: 80.101 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006670.D

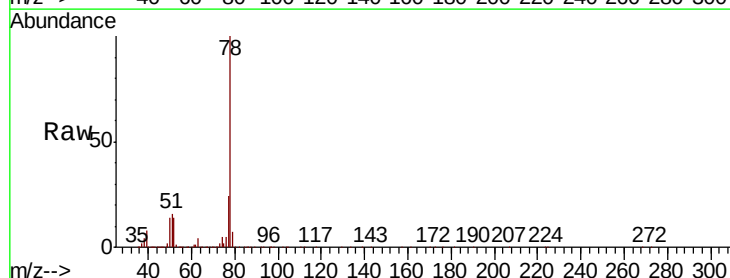
Acq: 20 Dec 2018 12:41

Tgt Ion: 78 Resp: 2006133

Ion Ratio Lower Upper

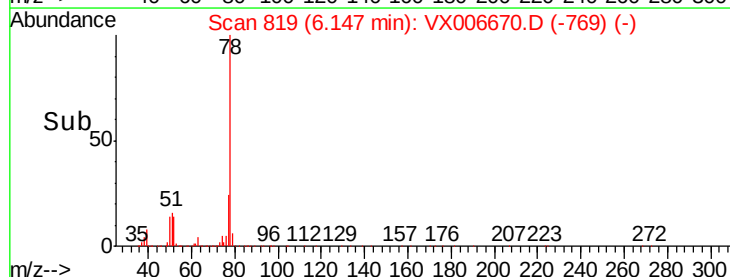
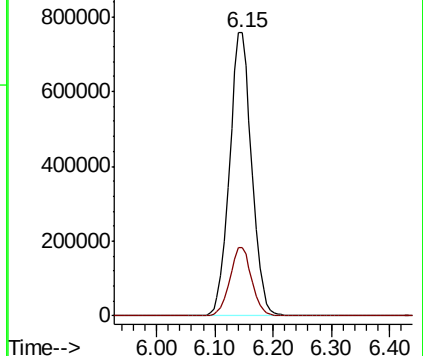
78 100

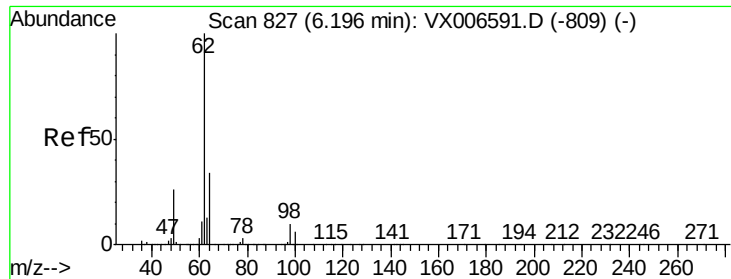
77 23.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#42

1,2-Dichloroethane

Concen: 1.935 ug/l

RT: 6.15 min Scan# 819

Delta R.T. -0.05 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

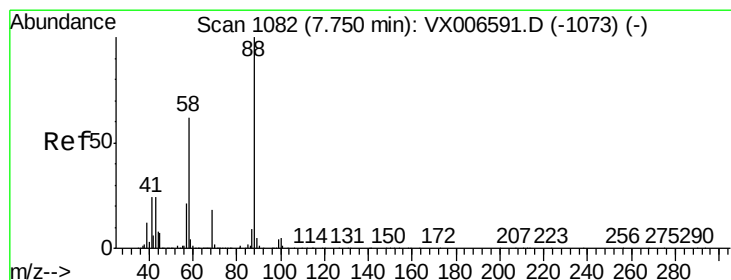
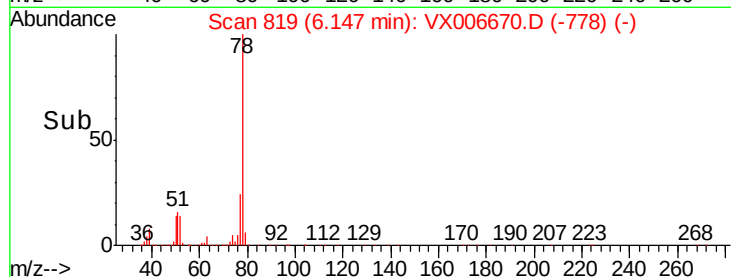
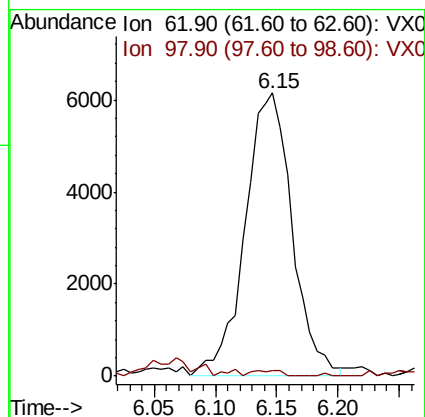
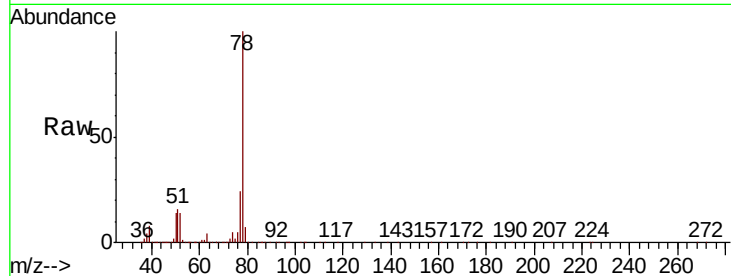
QNWP8-MW26S-GW

Tot Ion: 62 Resp: 16510

Ion Ratio Lower Upper

62 100

98 1.2 0.0 20.2



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

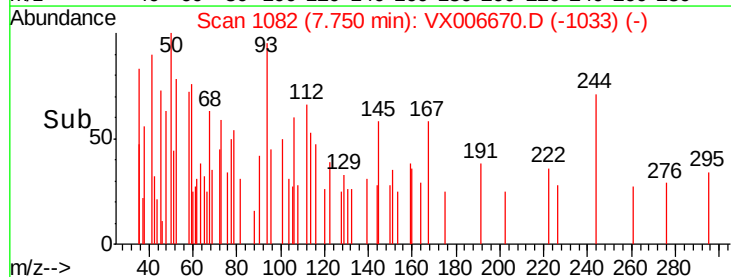
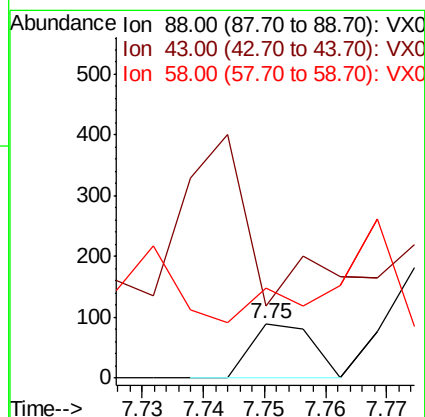
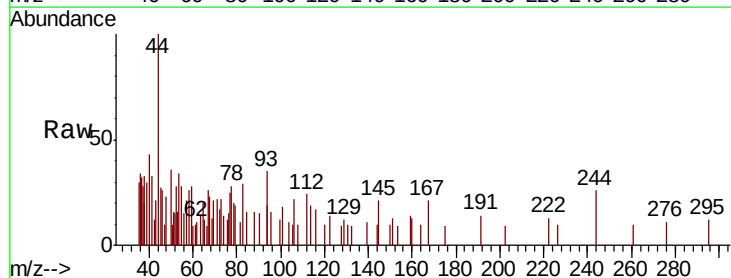
Tgt Ion: 88 Resp: 62

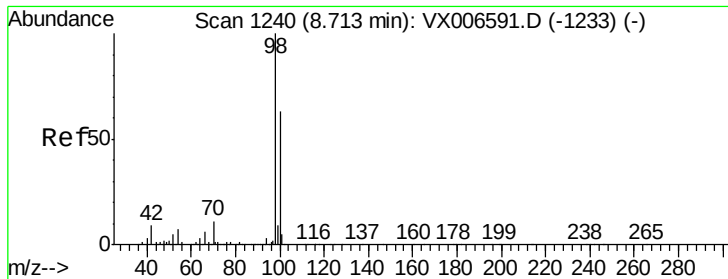
Ion Ratio Lower Upper

88 100

43 454.8 22.2 33.4#

58 375.8 51.0 76.4#

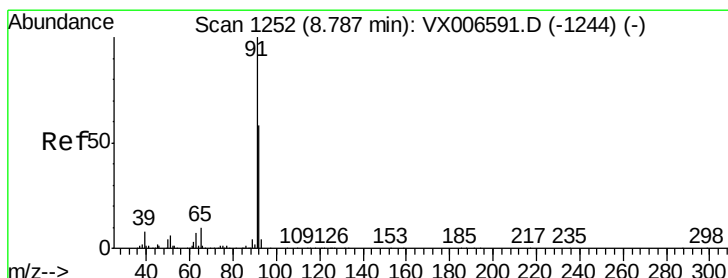
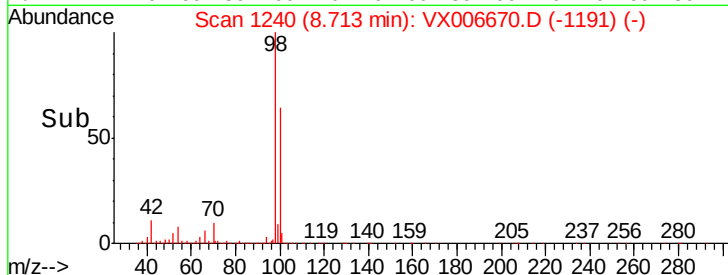
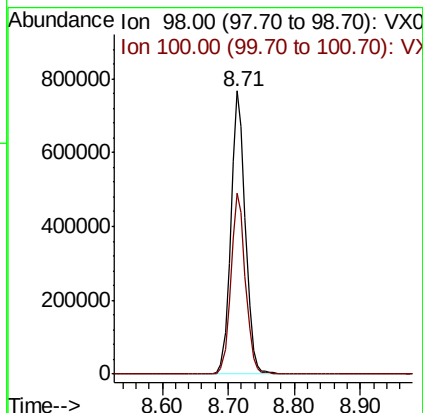
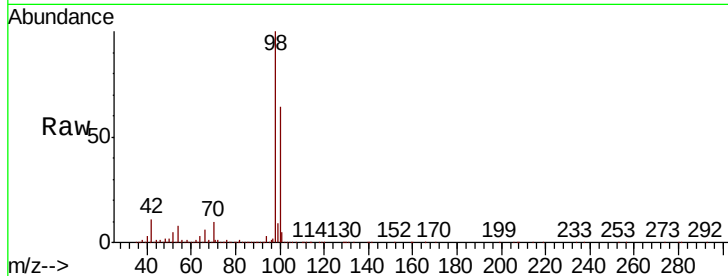




#50  
Toluene-d8  
Concen: 49.395 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX006670.D  
Acq: 20 Dec 2018 12:41

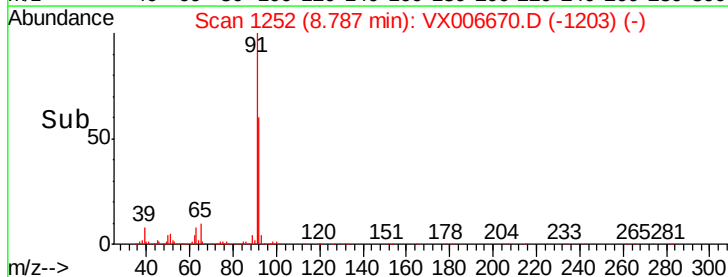
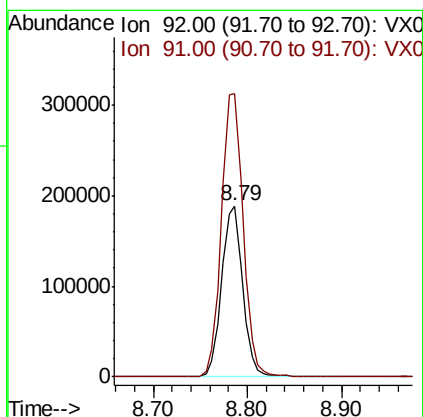
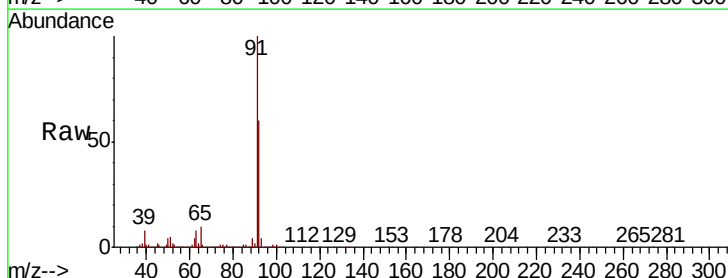
Instrument :  
MSVOA\_X  
ClientSampleId :  
QNWP8-MW26S-GW

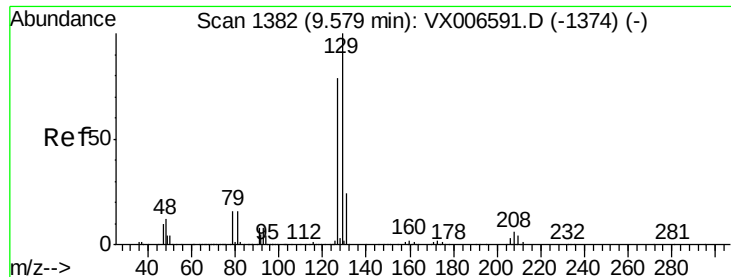
Tot Ion: 98 Resp: 1171516  
Ion Ratio Lower Upper  
98 100  
100 64.0 52.0 78.0



#52  
Toluene  
Concen: 18.104 ug/l  
RT: 8.79 min Scan# 1252  
Delta R.T. -0.00 min  
Lab File: VX006670.D  
Acq: 20 Dec 2018 12:41

Tgt Ion: 92 Resp: 292927  
Ion Ratio Lower Upper  
92 100  
91 172.0 137.6 206.4





#60

Dibromochloromethane

Concen: 2.337 ug/l

RT: 9.59 min Scan# 1384

Delta R.T. 0.01 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

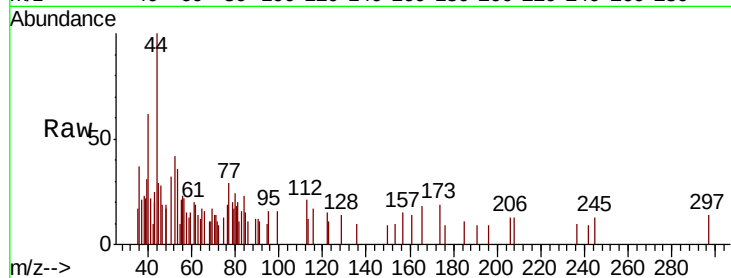
QNWP8-MW26S-GW

Tot Ion:129 Resp: 94

Ion Ratio Lower Upper

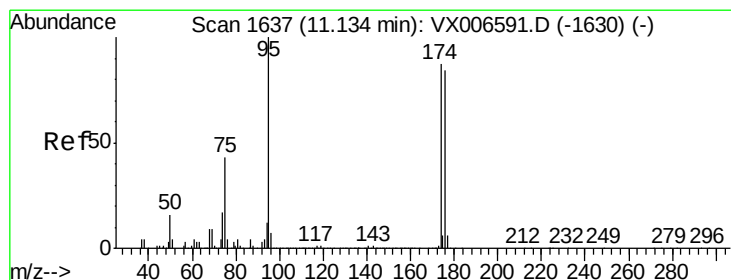
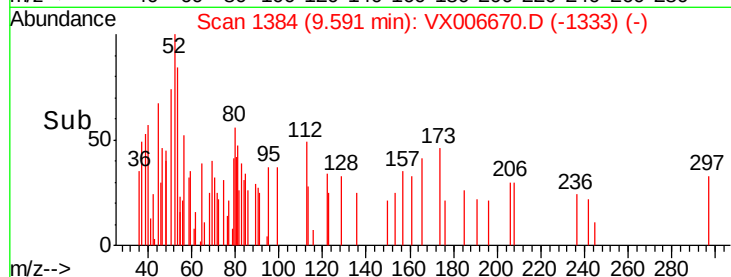
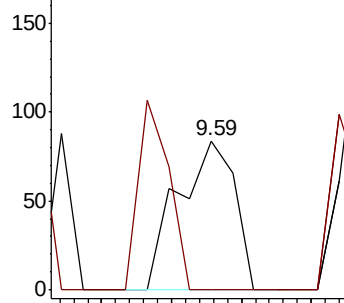
129 100

127 68.1 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 49.748 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

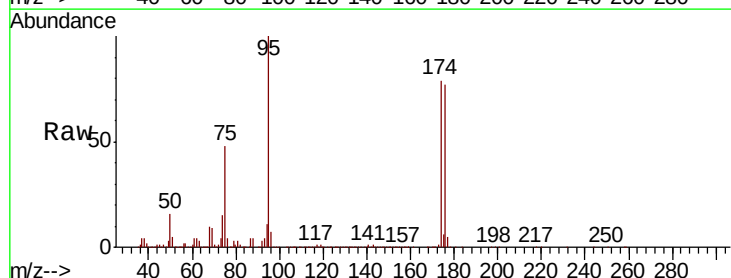
Tgt Ion: 95 Resp: 432126

Ion Ratio Lower Upper

95 100

174 87.1 0.0 182.2

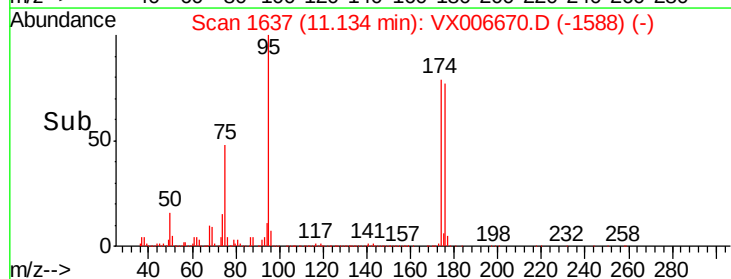
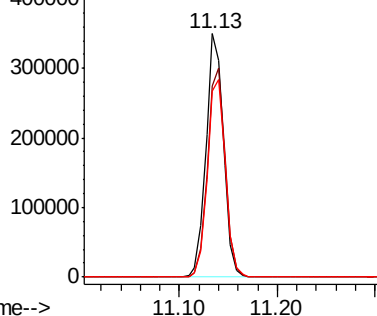
176 83.7 0.0 178.8

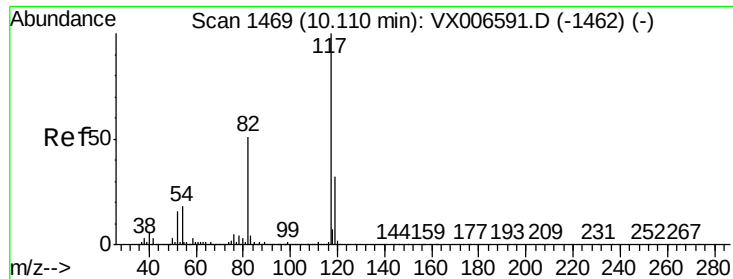


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

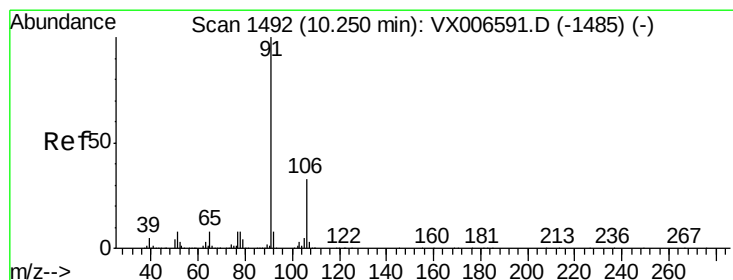
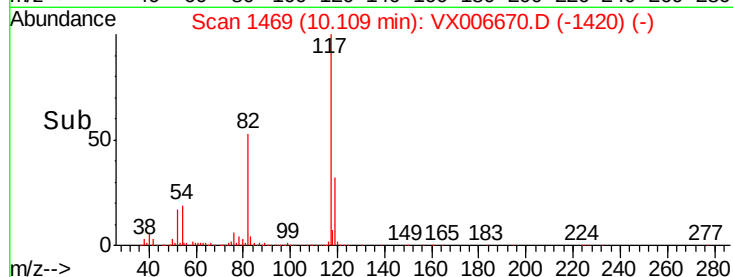
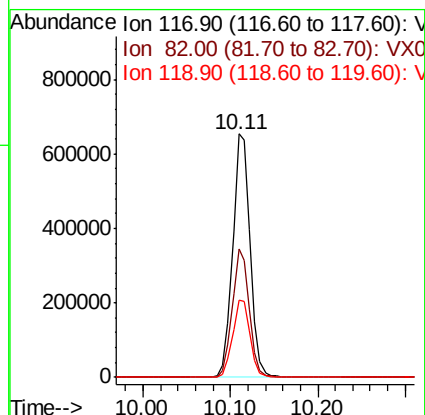
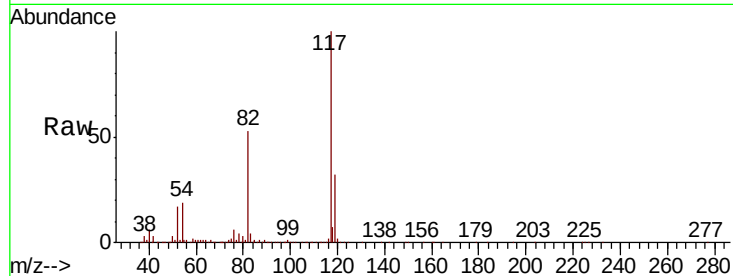




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX006670.D  
Acq: 20 Dec 2018 12:41

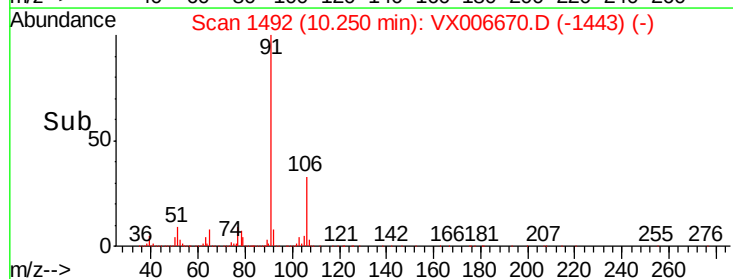
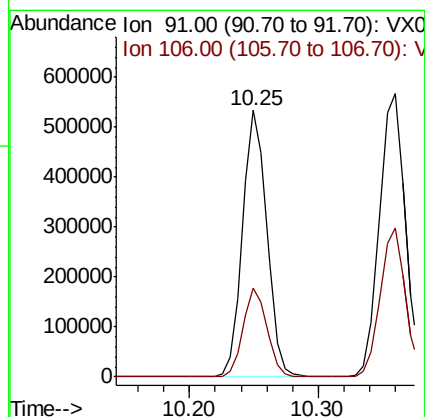
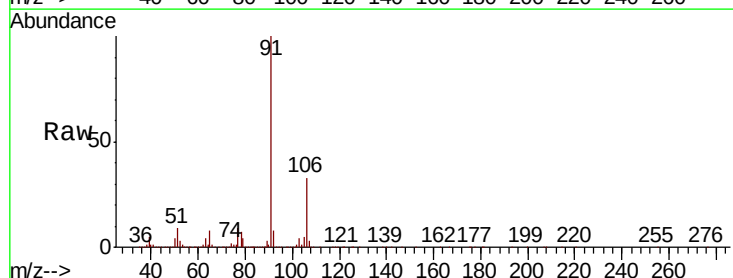
Instrument :  
MSVOA\_X  
ClientSampleId :  
QNWP8-MW26S-GW

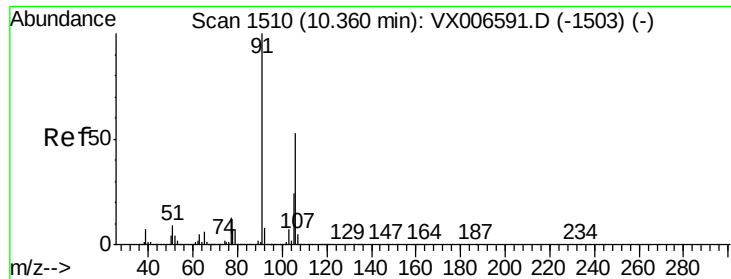
Tot Ion:117 Resp: 910028  
Ion Ratio Lower Upper  
117 100  
82 52.6 41.0 61.6  
119 31.6 25.4 38.0



#67  
Ethyl Benzene  
Concen: 22.063 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VX006670.D  
Acq: 20 Dec 2018 12:41

Tgt Ion: 91 Resp: 694085  
Ion Ratio Lower Upper  
91 100  
106 33.5 26.4 39.6

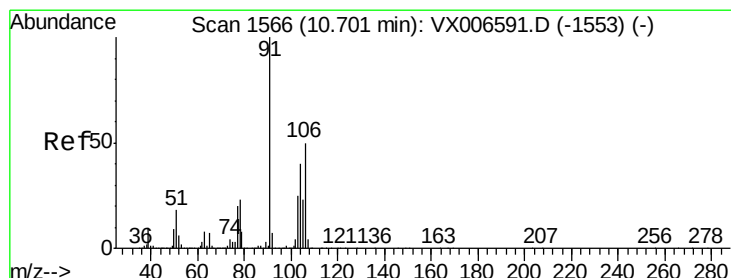
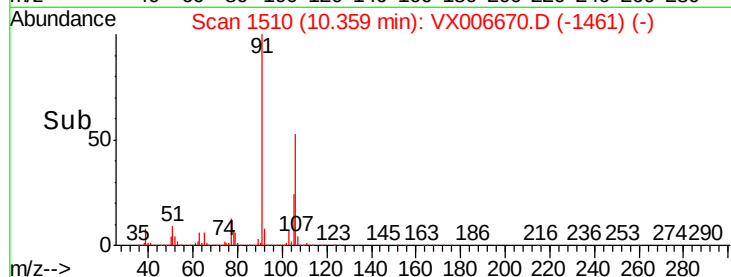
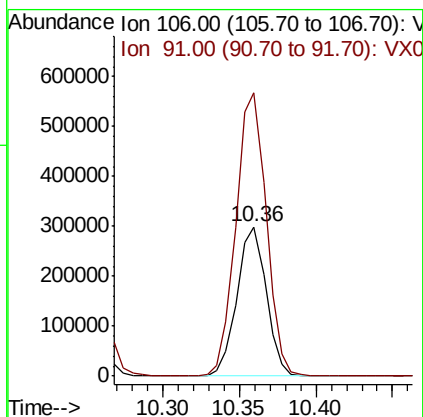
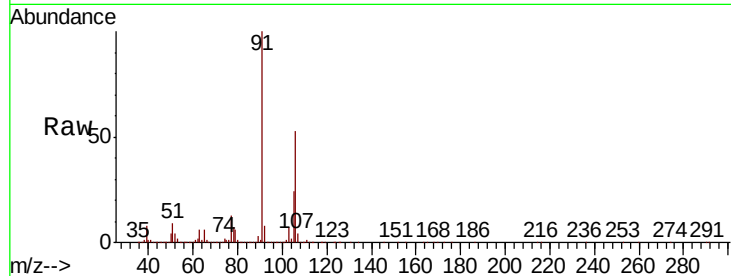




#68  
m/p-Xylenes  
Concen: 32.299 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX006670.D  
Acq: 20 Dec 2018 12:41

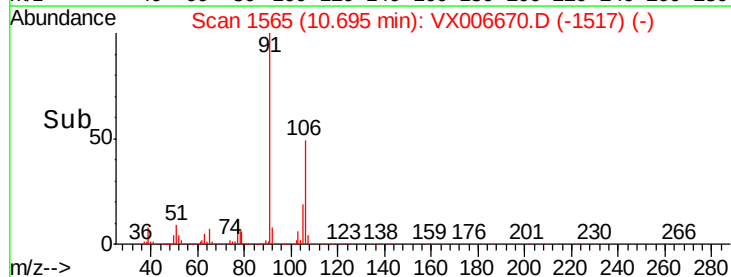
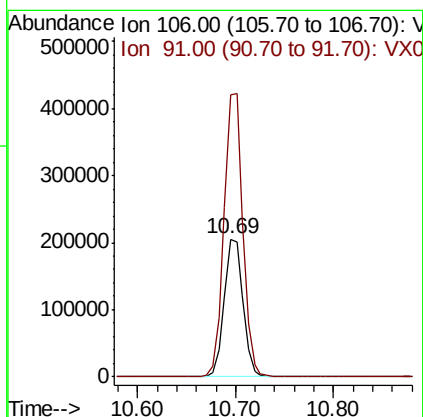
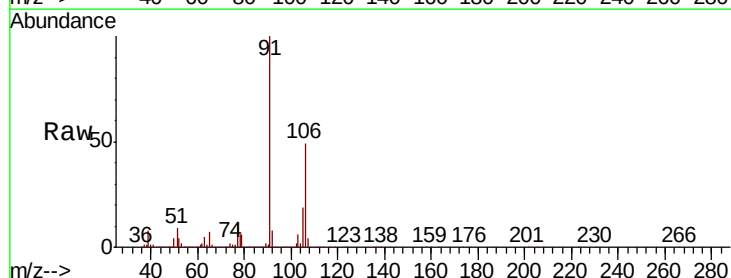
Instrument :  
MSVOA\_X  
ClientSampleId :  
QNWP8-MW26S-GW

Tot Ion:106 Resp: 400955  
Ion Ratio Lower Upper  
106 100  
91 195.5 155.8 233.6

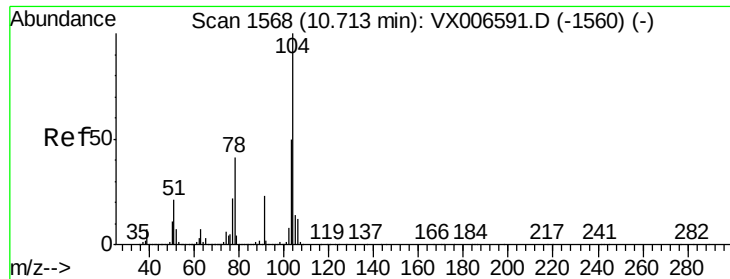


#69  
o-Xylene  
Concen: 22.453 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX006670.D  
Acq: 20 Dec 2018 12:41

Tgt Ion:106 Resp: 275235  
Ion Ratio Lower Upper  
106 100  
91 205.1 101.3 303.7







#70

Stvrene

Concen: 0.700 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

QNWP8-MW26S-GW

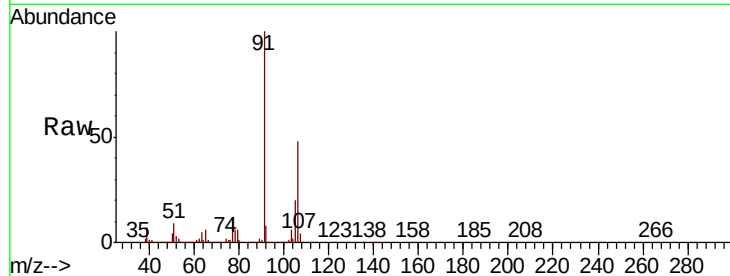
Tot Ion:104 Resp: 13566

Ion Ratio Lower Upper

104 100

78 284.0 37.7 56.5#

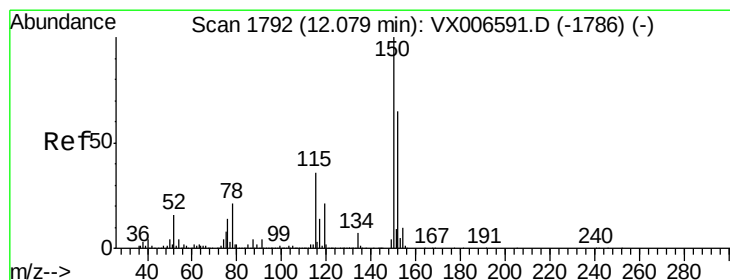
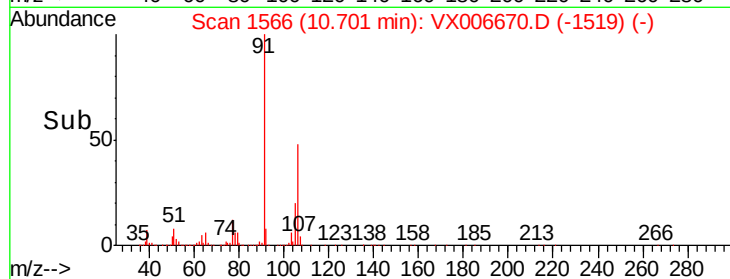
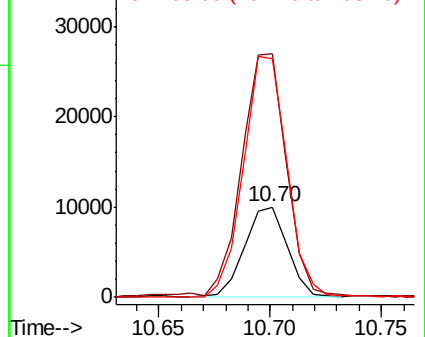
103 270.3 43.8 65.8#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

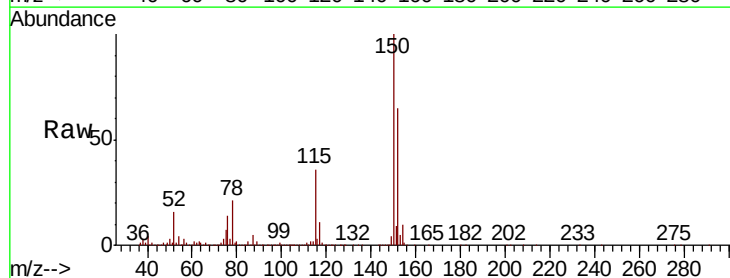
Tgt Ion:152 Resp: 463553

Ion Ratio Lower Upper

152 100

115 56.0 39.1 117.2

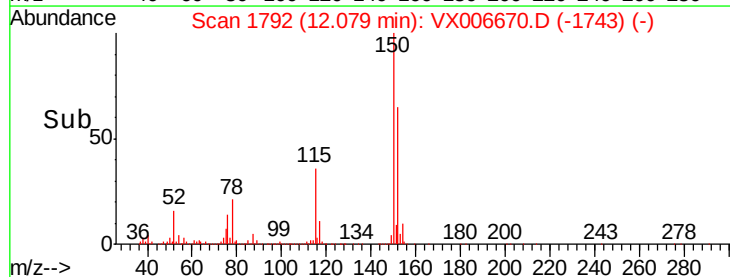
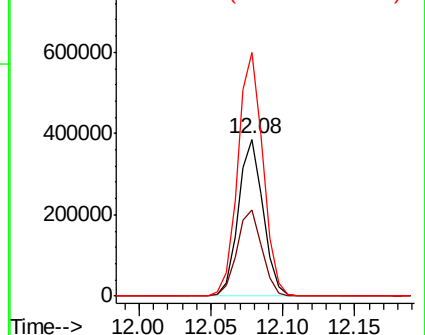
150 157.5 0.0 344.8

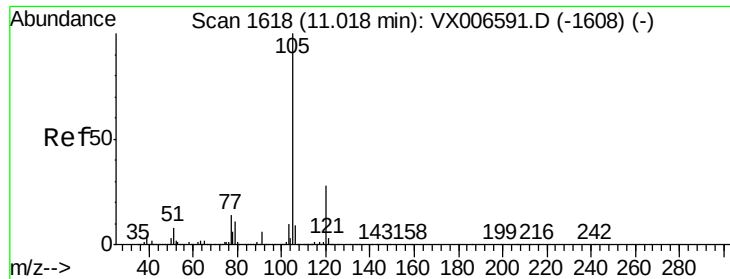


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.995 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

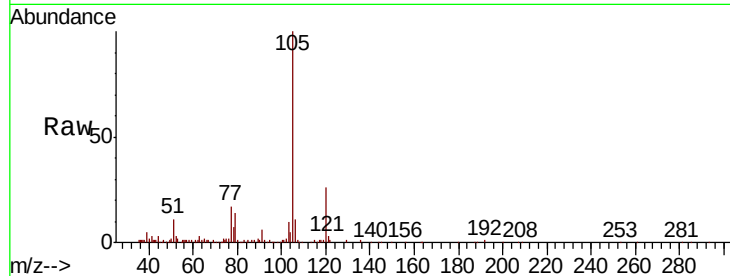
QNWP8-MW26S-GW

Tot Ion:105 Resp: 31542

Ion Ratio Lower Upper

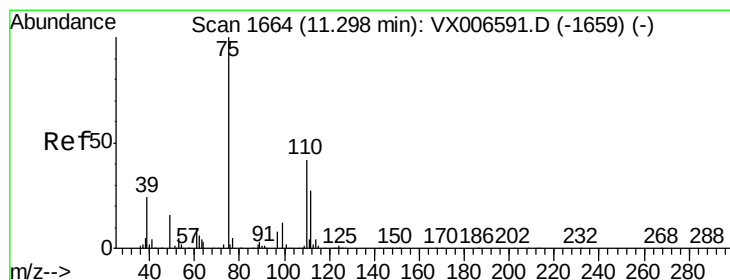
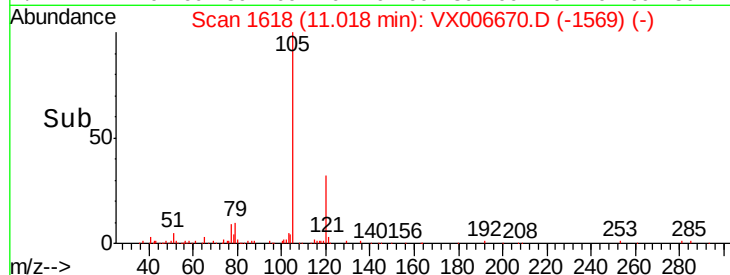
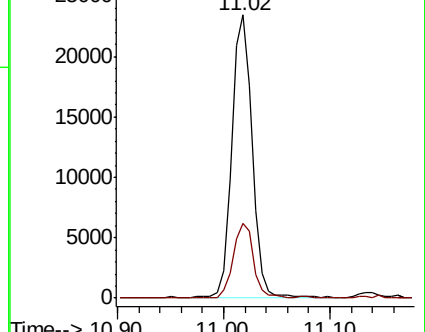
105 100

120 26.1 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 23.569 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006670.D

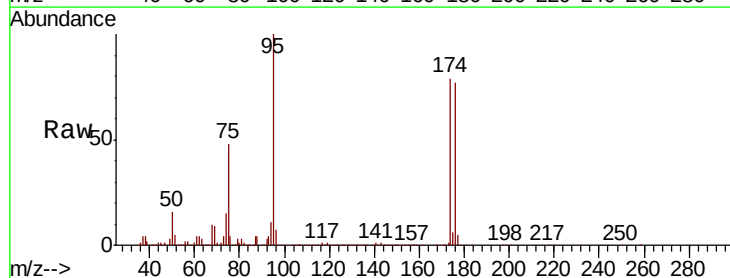
Acq: 20 Dec 2018 12:41

Tgt Ion: 75 Resp: 203037

Ion Ratio Lower Upper

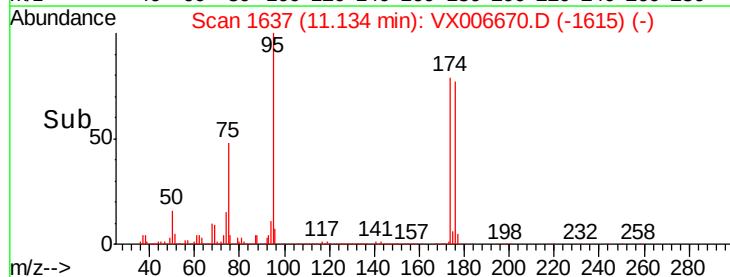
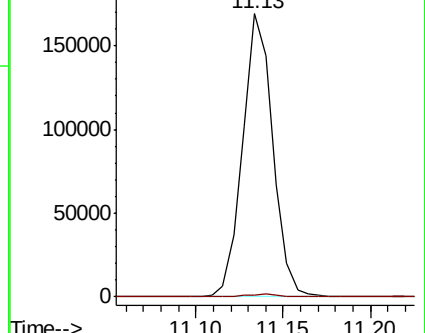
75 100

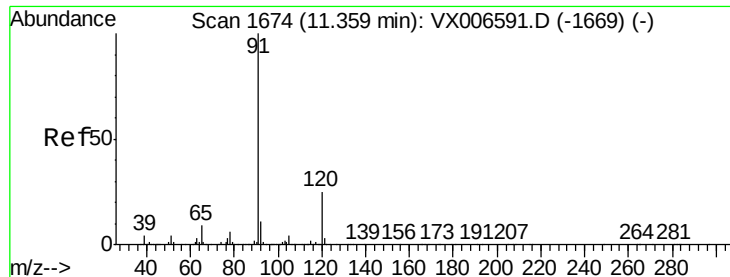
77 1.2 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.388 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

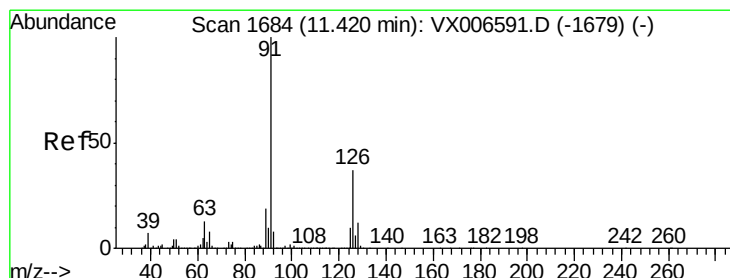
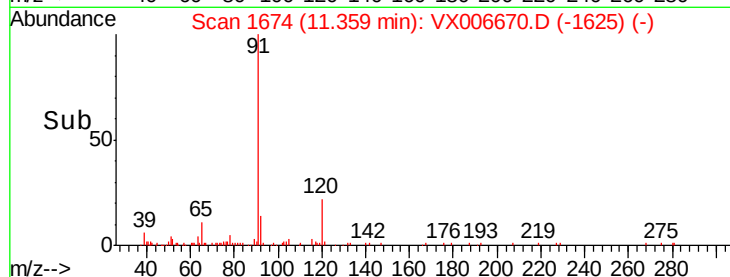
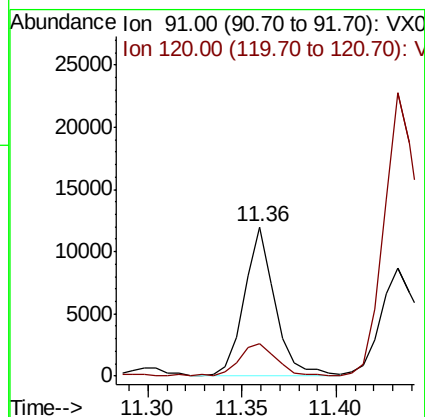
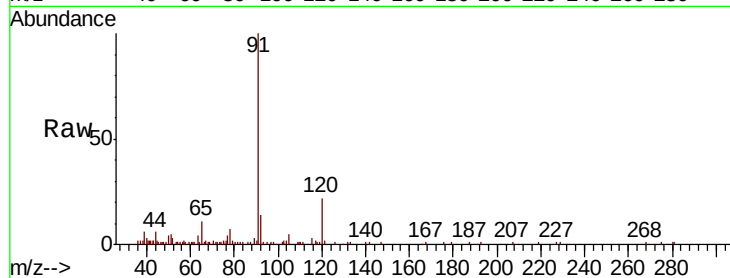
QNWP8-MW26S-GW

Tot Ion: 91 Resp: 13562

Ion Ratio Lower Upper

91 100

120 27.2 12.7 38.0



#79

2-Chlorotoluene

Concen: 0.731 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006670.D

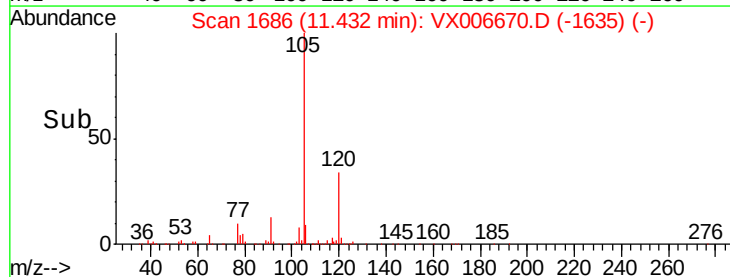
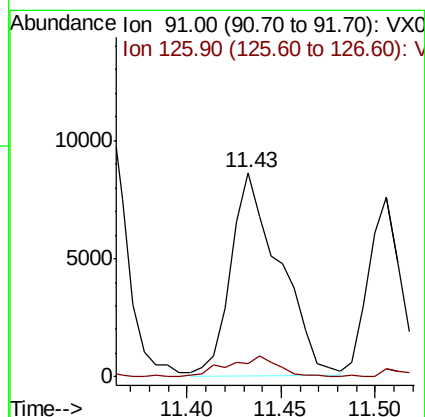
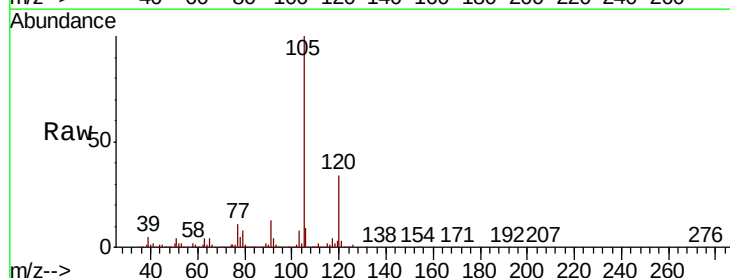
Acq: 20 Dec 2018 12:41

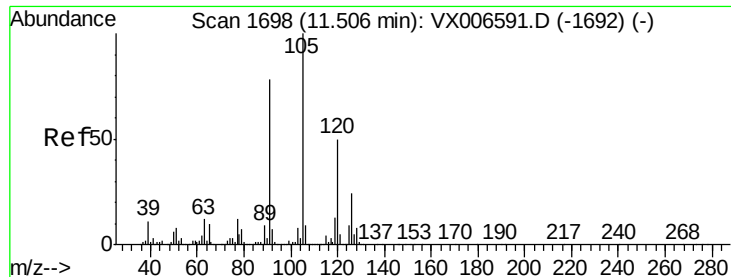
Tgt Ion: 91 Resp: 15476

Ion Ratio Lower Upper

91 100

126 10.4 18.6 56.0#





#80

1,3,5-Trimethylbenzene

Concen: 3.048 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

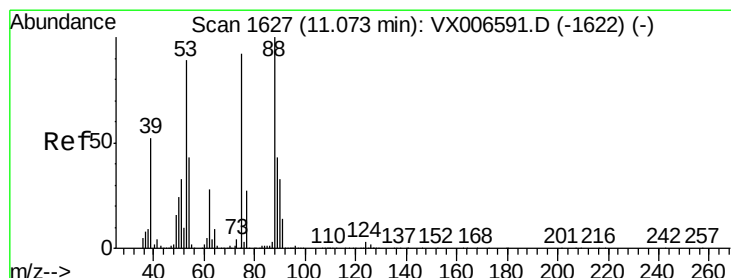
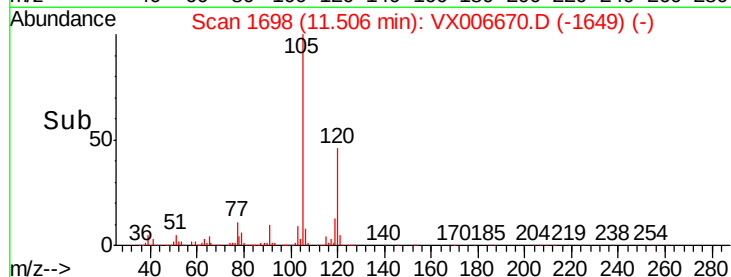
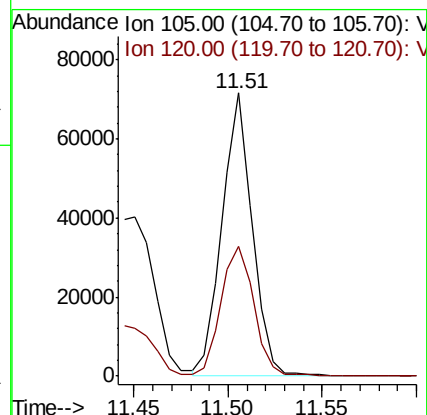
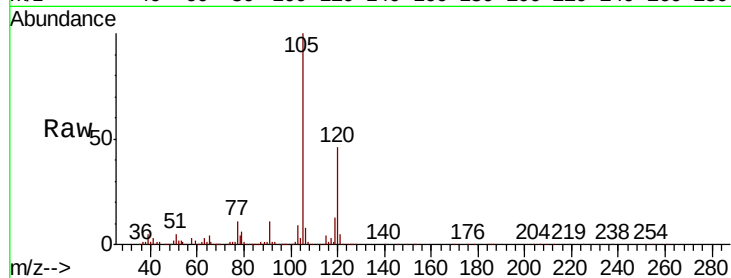
QNWP8-MW26S-GW

Tot Ion:105 Resp: 79614

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.3



#81

trans-1,4-Dichloro-2-butene

Concen: 69.887 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

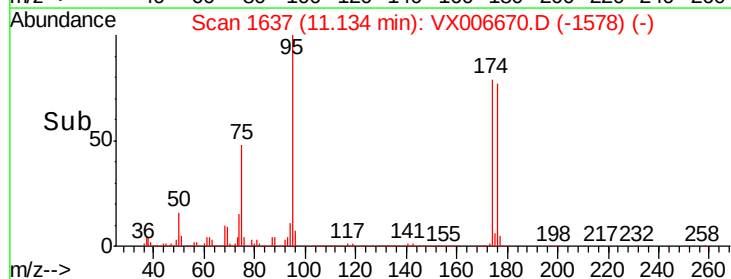
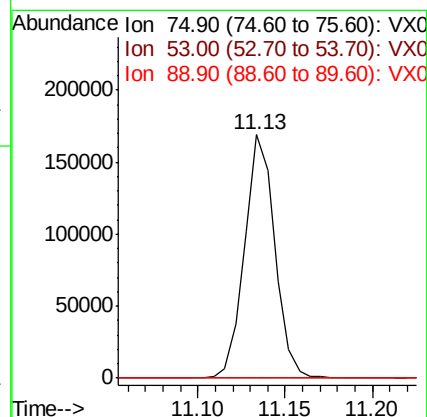
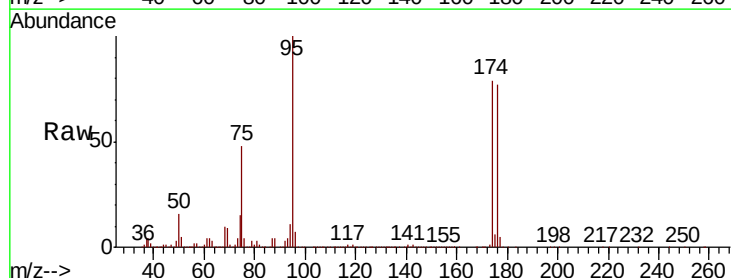
Tgt Ion: 75 Resp: 203037

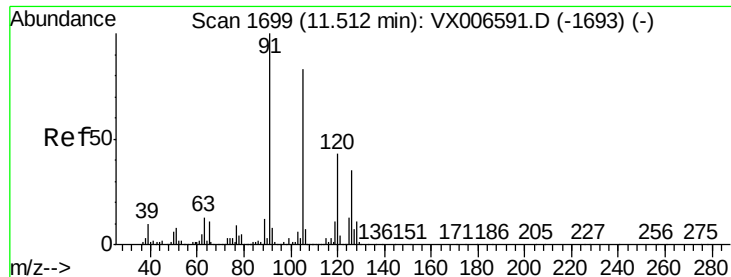
Ion Ratio Lower Upper

75 100

53 0.0 79.7 119.5#

89 0.0 38.0 57.0#





#82

4-Chlorotoluene

Concen: 0.375 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

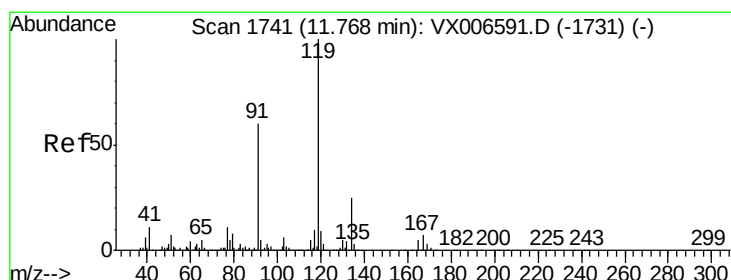
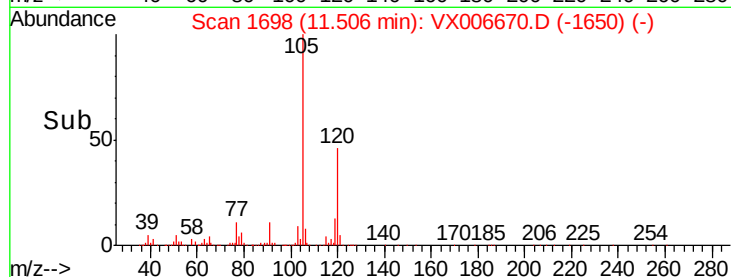
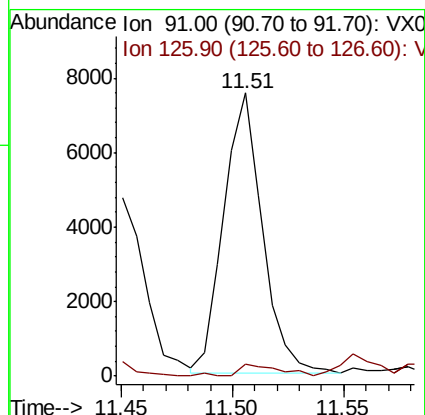
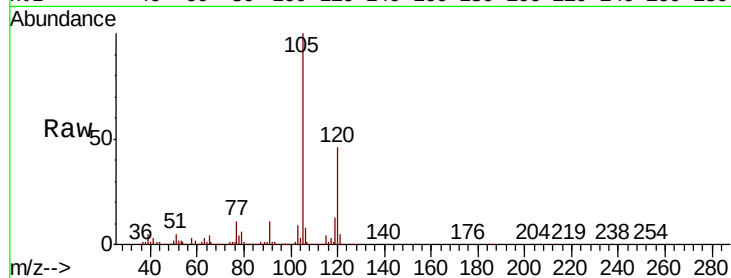
QNWP8-MW26S-GW

Tot Ion: 91 Resp: 9099

Ion Ratio Lower Upper

91 100

126 4.4 16.3 48.9#



#83

tert-Butylbenzene

Concen: 0.990 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

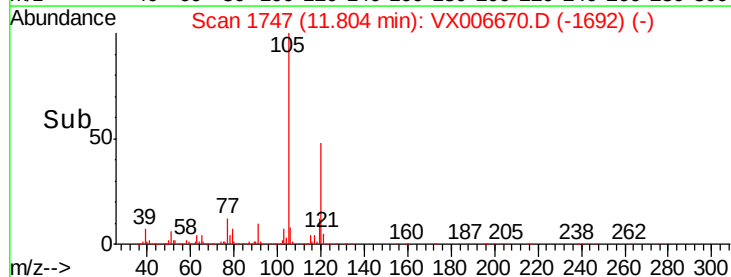
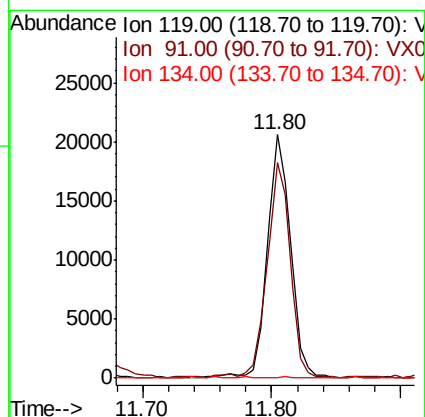
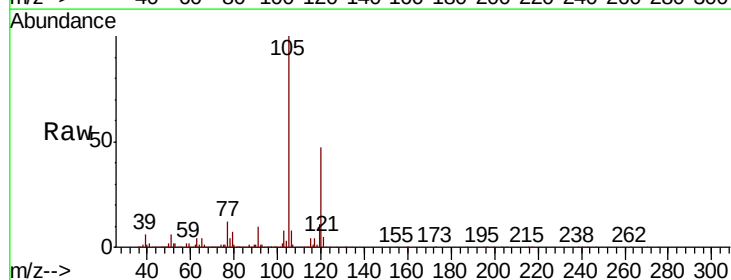
Tgt Ion: 119 Resp: 25889

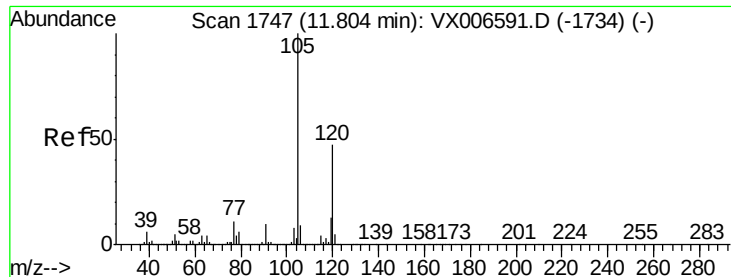
Ion Ratio Lower Upper

119 100

91 89.2 27.7 83.1#

134 0.3 11.9 35.5#





#84

1,2,4-Trimethylbenzene

Concen: 7.857 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

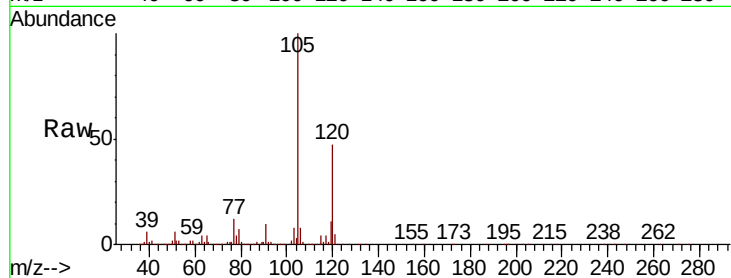
QNWP8-MW26S-GW

Tot Ion:105 Resp: 215862

Ion Ratio Lower Upper

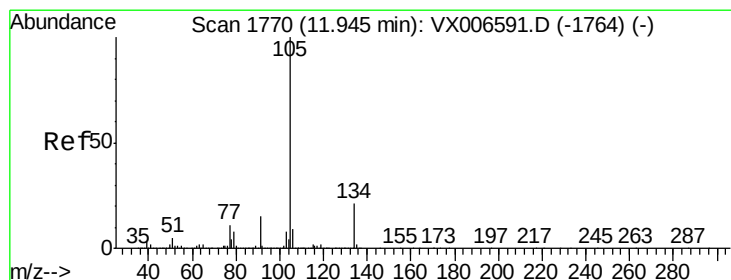
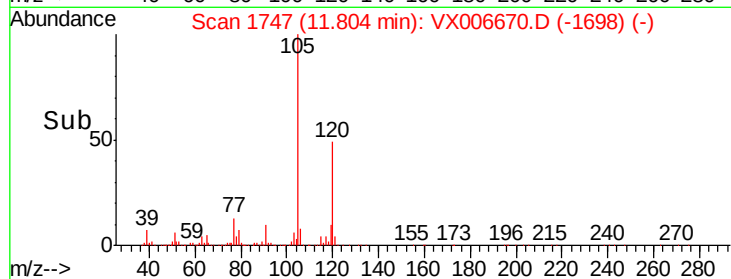
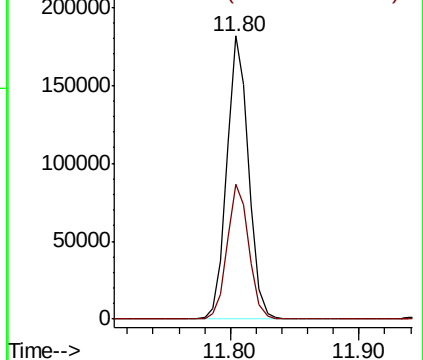
105 100

120 47.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 6.735 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX006670.D

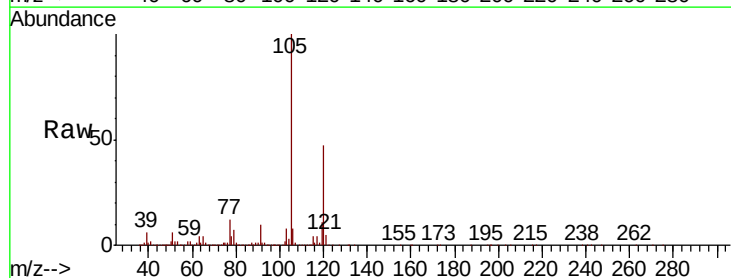
Acq: 20 Dec 2018 12:41

Tgt Ion:105 Resp: 215862

Ion Ratio Lower Upper

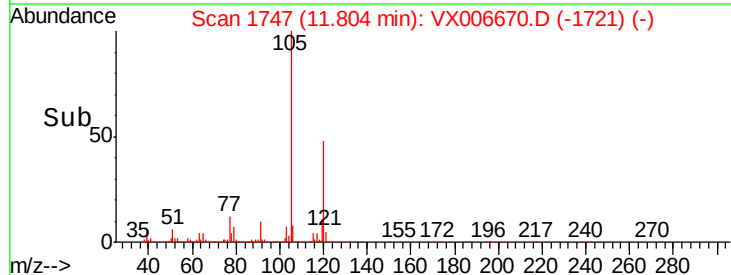
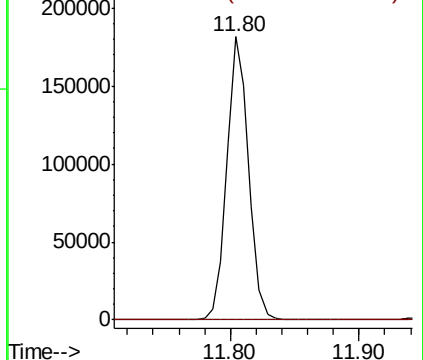
105 100

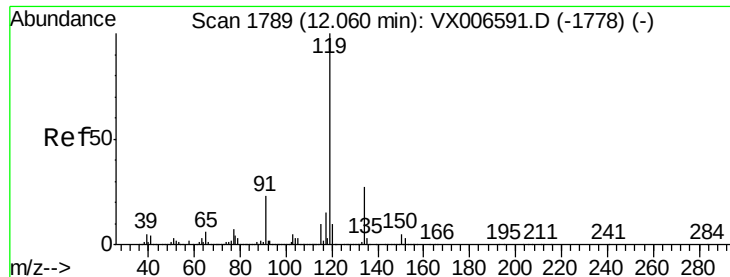
134 0.0 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 0.299 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006670.D

Acq: 20 Dec 2018 12:41

Instrument :

MSVOA\_X

ClientSampleId :

QNWP8-MW26S-GW

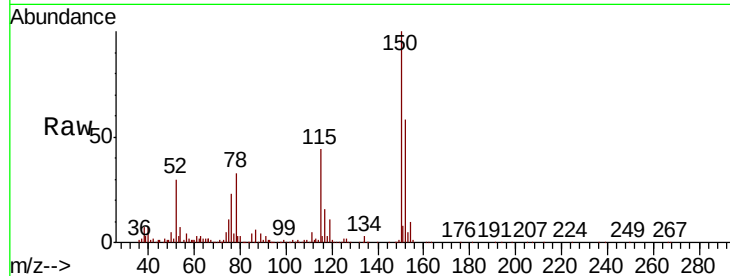
Tot Ion:119 Resp: 8421

Ion Ratio Lower Upper

119 100

134 34.6 14.0 41.9

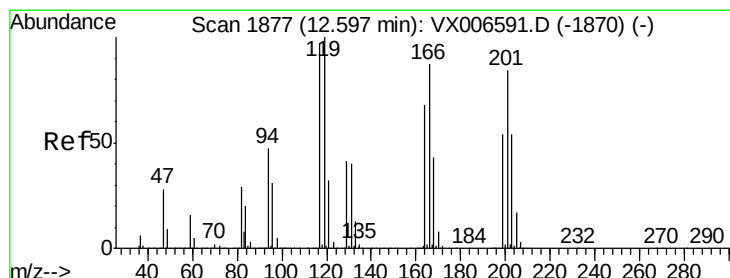
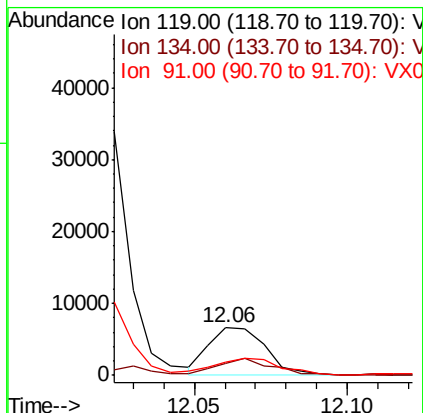
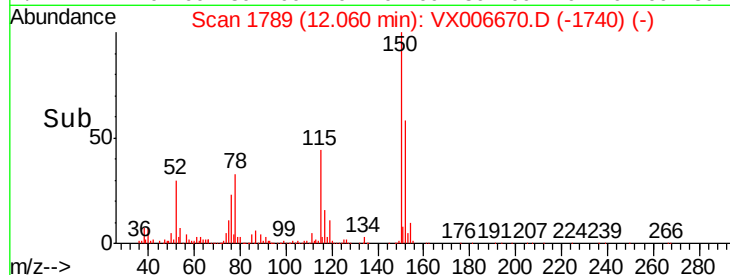
91 42.4 11.3 33.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



#90

Hexachloroethane

Concen: 7.428 ug/l

RT: 12.76 min Scan# 1903

Delta R.T. 0.16 min

Lab File: VX006670.D

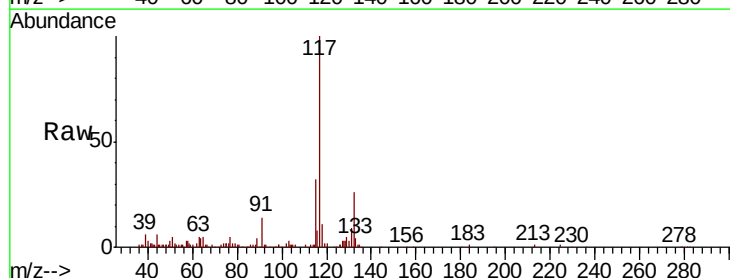
Acq: 20 Dec 2018 12:41

Tgt Ion:117 Resp: 19520

Ion Ratio Lower Upper

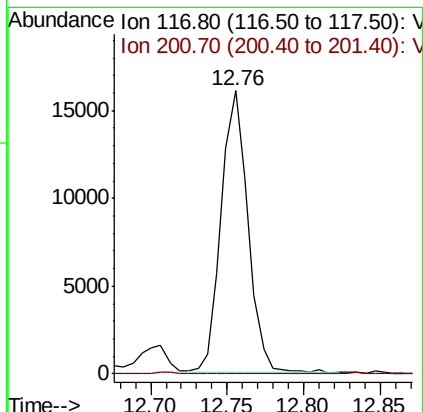
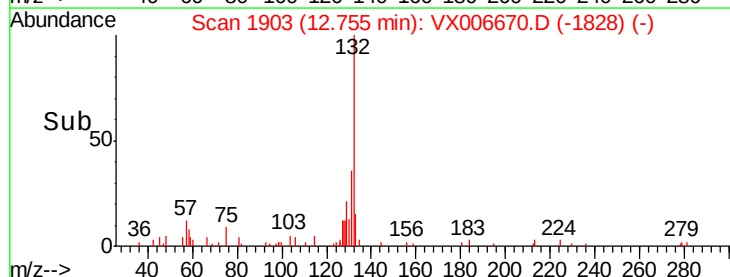
117 100

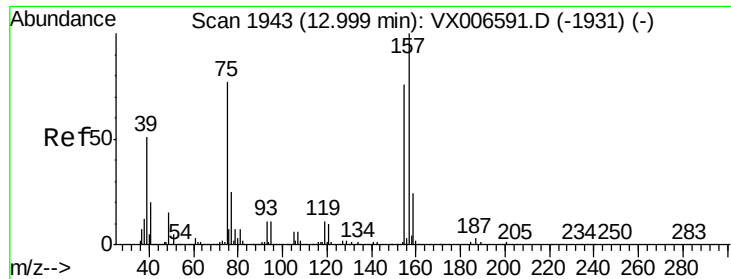
201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

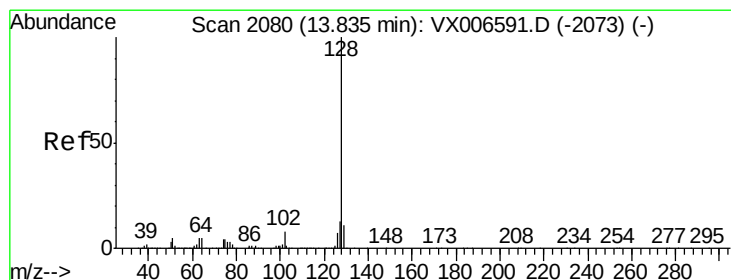
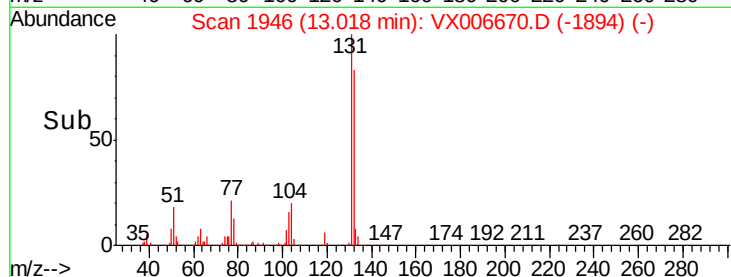
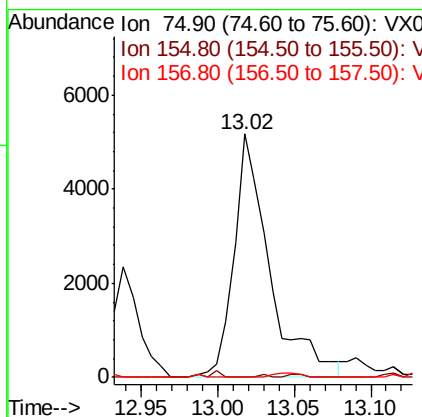
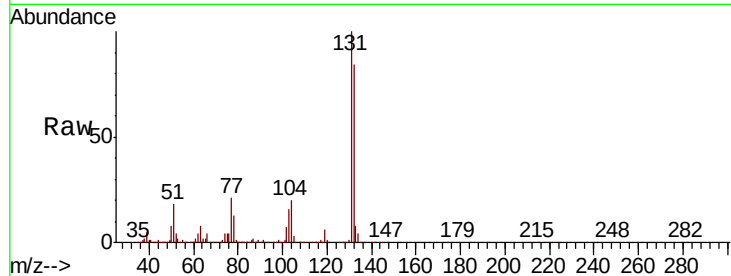




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.326 ug/l  
 RT: 13.02 min Scan# 1946  
 Delta R.T. 0.02 min  
 Lab File: VX006670.D  
 Acq: 20 Dec 2018 12:41

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 QNWP8-MW26S-GW

Tot Ion: 75 Resp: 8443  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 50.6 151.8#  
 157 0.0 64.6 193.8#



#95  
 Naphthalene  
 Concen: 220.210 ug/l  
 RT: 13.83 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: VX006670.D  
 Acq: 20 Dec 2018 12:41

Tgt Ion:128 Resp: 7493803  
 Ion Ratio Lower Upper  
 128 100  
 127 13.3 10.1 15.1  
 129 11.4 8.6 13.0

