

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\  
 Data File : VF061368.D  
 Acq On : 11 Jan 2019 15:13  
 Operator : VA/AP  
 Sample : K1119-03  
 Misc : 5.84g/5mL/MSVOA-F/SOIL  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 DS-B

Quant Time: Jan 12 03:32:43 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F010819S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 09 07:13:51 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.85  | 168  | 106498   | 50.00 | ug/l  | -0.02    |
| 34) 1,4-Difluorobenzene    | 5.58  | 114  | 162211   | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 9.76  | 117  | 127851   | 50.00 | ug/l  | -0.02    |
| 72) 1,4-Dichlorobenzene-d4 | 12.54 | 152  | 58565    | 50.00 | ug/l  | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 4.83  | 65   | 47723    | 40.26 | ug/l   | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 80.52% |          |
| 35) Dibromofluoromethane    | 4.10  | 113  | 57919    | 46.66 | ug/l   | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 93.32% |          |
| 50) Toluene-d8              | 7.53  | 98   | 163081   | 44.40 | ug/l   | -0.03    |
| Spiked Amount               |       |      | Recovery | =     | 88.80% |          |
| 62) 4-Bromofluorobenzene    | 11.40 | 95   | 64816    | 40.41 | ug/l   | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 80.82% |          |

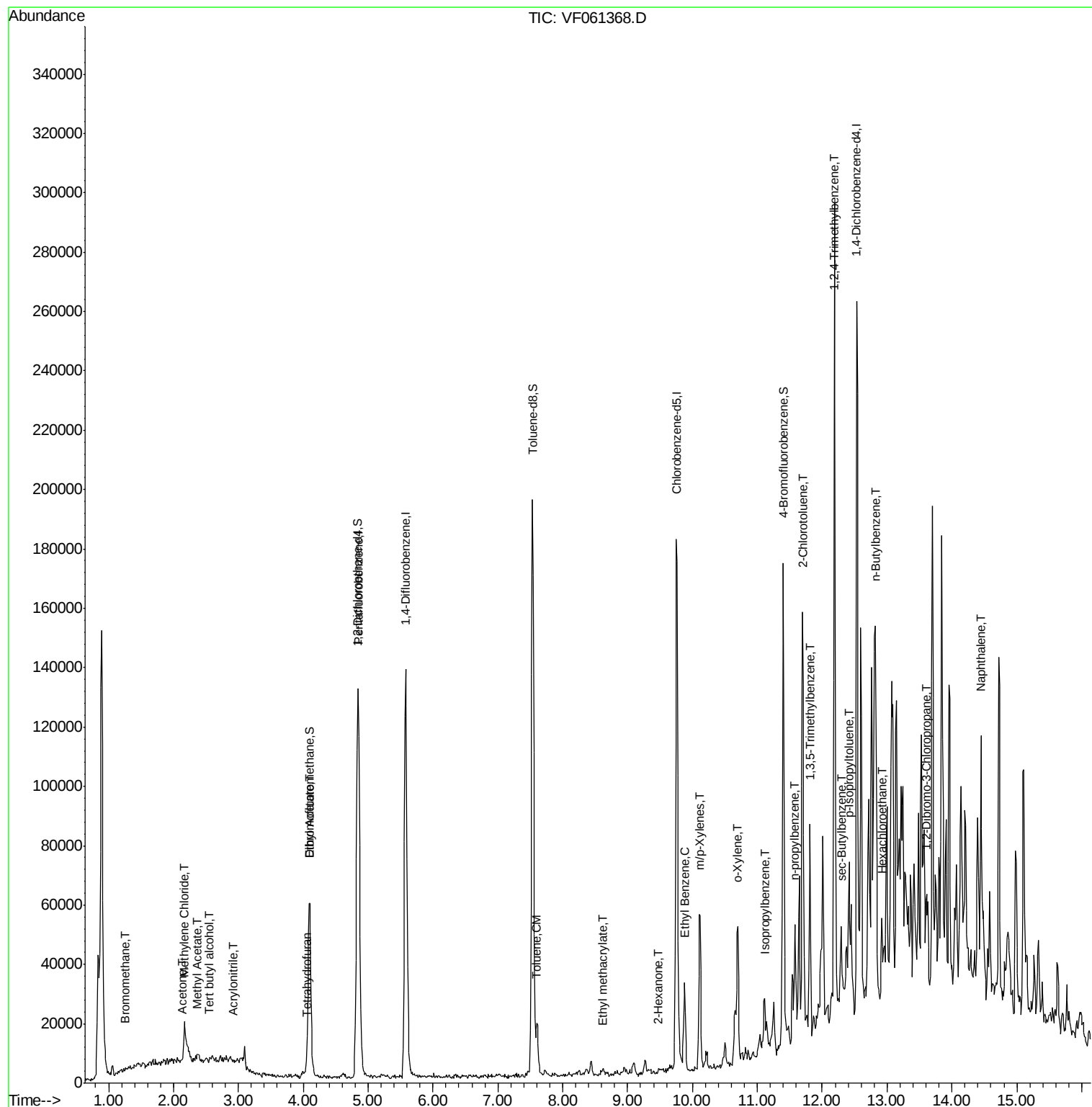
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 1.26  | 94   | 431      | 3.211     | ug/l # | 6      |
| 11) Tert butyl alcohol         | 2.54  | 59   | 127      | 2.676     | ug/l # | 58     |
| 13) Acrolein                   | 1.96  | 56   | 752      | Below Cal |        | 88     |
| 15) Acrylonitrile              | 2.92  | 53   | 250      | 1.486     | ug/l # | 12     |
| 16) Acetone                    | 2.13  | 43   | 1448     | 5.251     | ug/l   | 95     |
| 18) Methyl Acetate             | 2.36  | 43   | 938      | 1.729     | ug/l   | 96     |
| 20) Methylene Chloride         | 2.18  | 84   | 7947     | 6.812     | ug/l # | 93     |
| 29) Tetrahydrofuran            | 4.04  | 42   | 268      | 1.444     | ug/l # | 57     |
| 37) Ethyl Acetate              | 4.09  | 43   | 726      | 1.052     | ug/l # | 1      |
| 52) Toluene                    | 7.60  | 92   | 9742     | 3.427     | ug/l   | 90     |
| 56) Ethyl methacrylate         | 8.61  | 69   | 996      | 1.120     | ug/l # | 50     |
| 59) 2-Hexanone                 | 9.48  | 43   | 1392     | 2.858     | ug/l # | 56     |
| 67) Ethyl Benzene              | 9.88  | 91   | 14299    | 2.873     | ug/l   | 98     |
| 68) m/p-Xylenes                | 10.12 | 106  | 19817    | 11.413    | ug/l   | 95     |
| 69) o-Xylene                   | 10.70 | 106  | 13154    | 6.782     | ug/l   | 90     |
| 73) Isopropylbenzene           | 11.11 | 105  | 8791     | 1.706     | ug/l   | 92     |
| 78) n-propylbenzene            | 11.58 | 91   | 28826    | 4.691     | ug/l   | 94     |
| 79) 2-Chlorotoluene            | 11.70 | 91   | 12276    | 3.586     | ug/l # | 41     |
| 80) 1,3,5-Trimethylbenzene     | 11.81 | 105  | 32912    | 8.026     | ug/l   | 99     |
| 84) 1,2,4-Trimethylbenzene     | 12.19 | 105  | 125016   | 30.707    | ug/l   | 94     |
| 85) sec-Butylbenzene           | 12.30 | 105  | 16323    | 2.806     | ug/l   | 99     |
| 86) p-Isopropyltoluene         | 12.42 | 119  | 27995    | 5.917     | ug/l   | 94     |
| 89) n-Butylbenzene             | 12.83 | 91   | 28330    | 5.827     | ug/l # | 75     |
| 90) Hexachloroethane           | 12.92 | 117  | 1277     | 1.180     | ug/l # | 23     |
| 92) 1,2-Dibromo-3-Chloropropan | 13.61 | 75   | 265      | 1.919     | ug/l   | 81     |
| 95) Naphthalene                | 14.45 | 128  | 8413     | 3.395     | ug/l # | 51     |

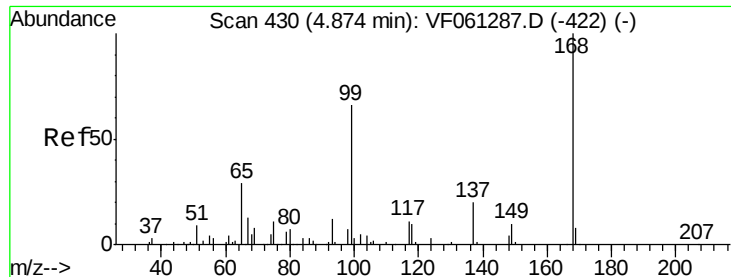
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011119\  
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Quant Time: Jan 12 03:32:43 2019  
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Quant Title : SW846 8260  
QLast Update : Wed Jan 09 07:13:51 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061368.D

Acq: 11 Jan 2019 15:13

Instrument :

MSVOA\_F

ClientSampled :

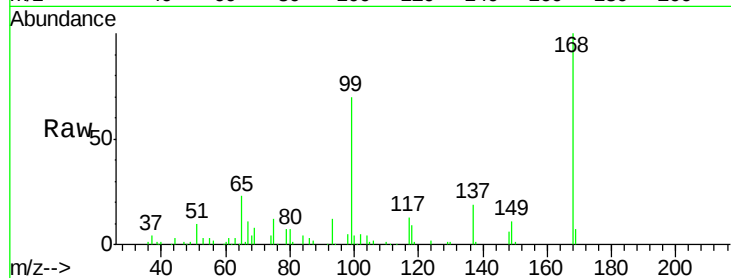
DS-B

Tot Ion:168 Resp: 106498

Ion Ratio Lower Upper

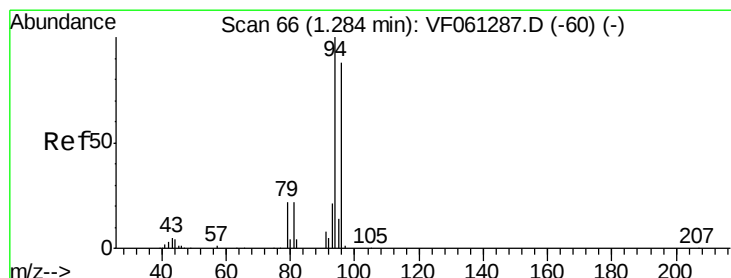
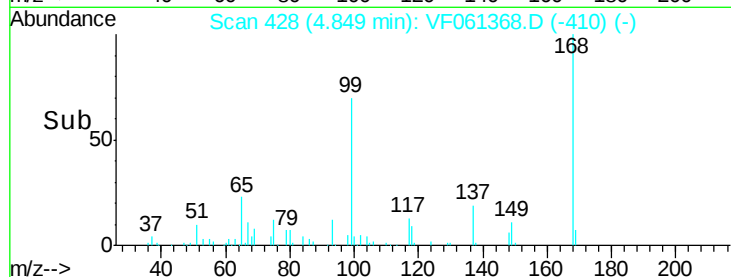
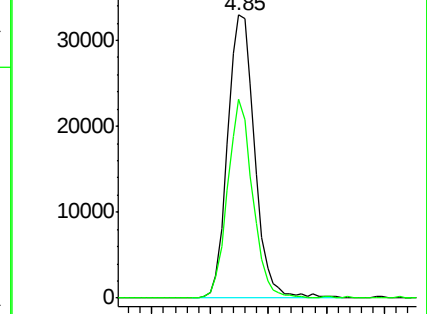
168 100

99 70.1 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#5

Bromomethane

Concen: 3.211 ug/l

RT: 1.26 min Scan# 64

Delta R.T. -0.02 min

Lab File: VF061368.D

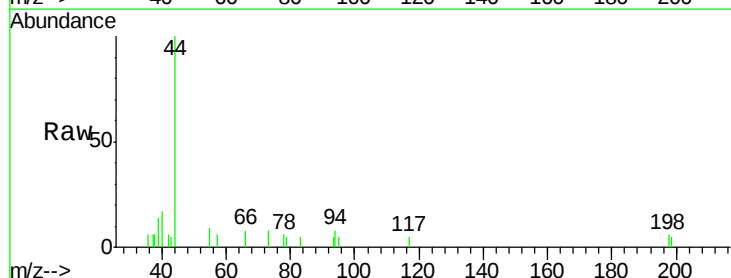
Acq: 11 Jan 2019 15:13

Tgt Ion: 94 Resp: 431

Ion Ratio Lower Upper

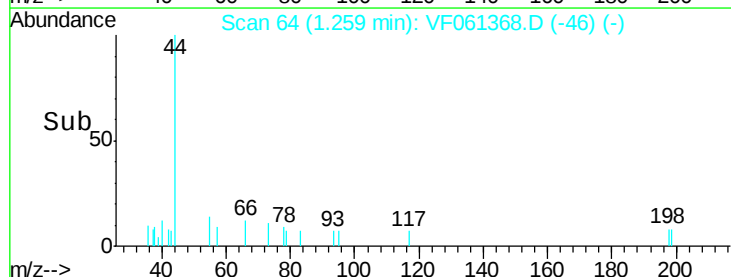
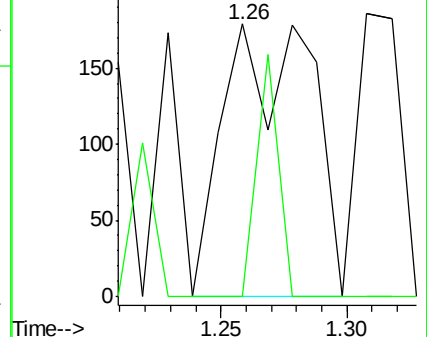
94 100

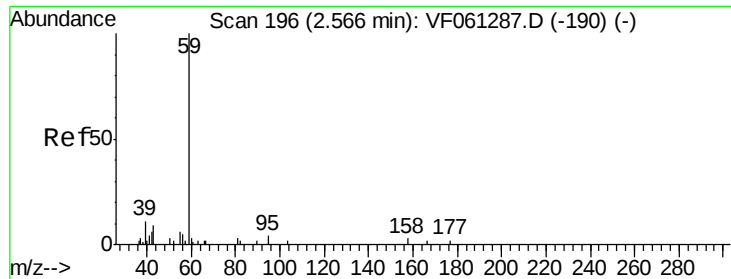
96 0.0 70.2 105.4#



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



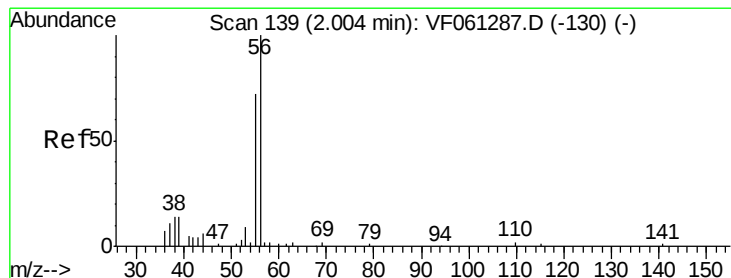
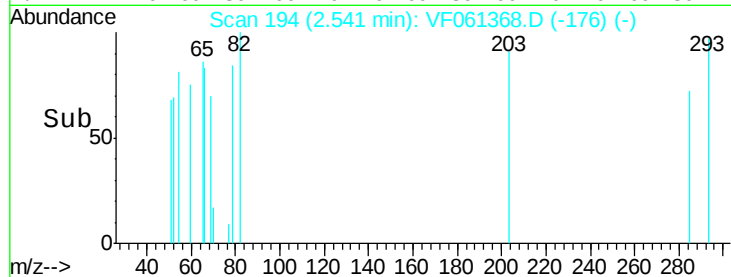
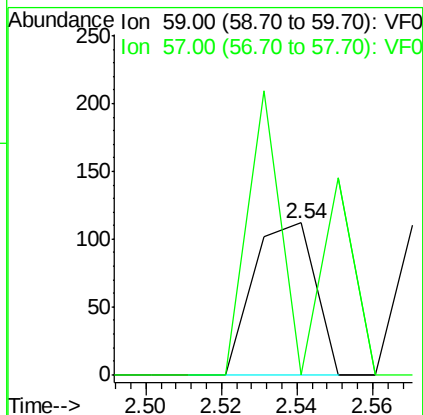
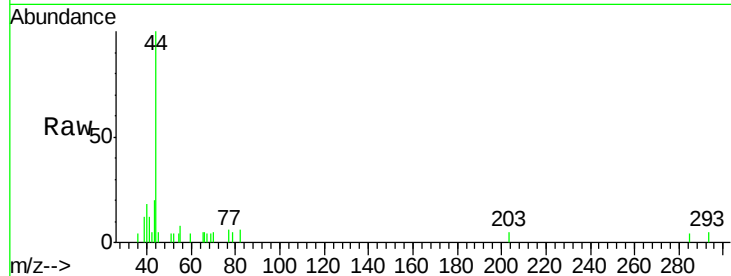


#11

Tert butyl alcohol  
 Concen: 2.676 ug/l  
 RT: 2.54 min Scan# 194  
 Delta R.T. -0.02 min  
 Lab File: VF061368.D  
 Acq: 11 Jan 2019 15:13

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 DS-B

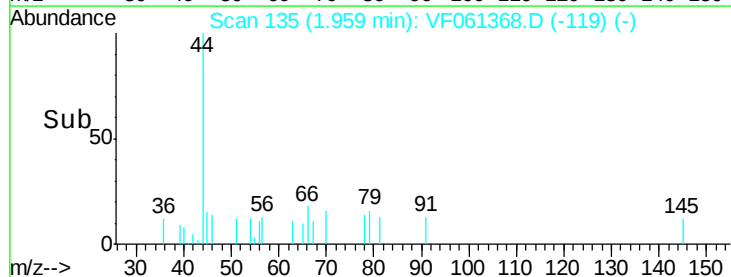
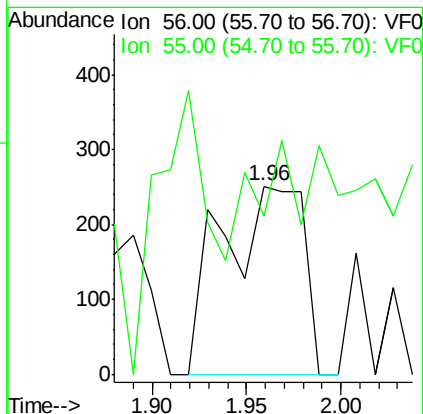
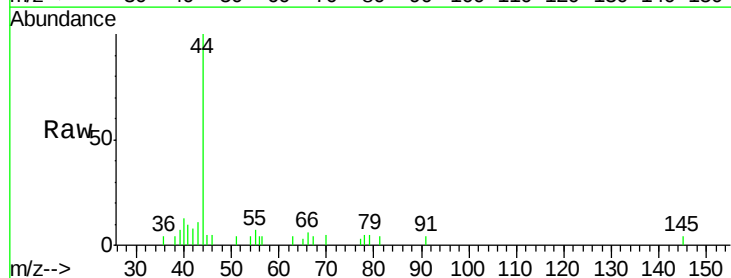
Tot Ion: 59 Resp: 127  
 Ion Ratio Lower Upper  
 59 100  
 57 0.0 15.1 22.7#

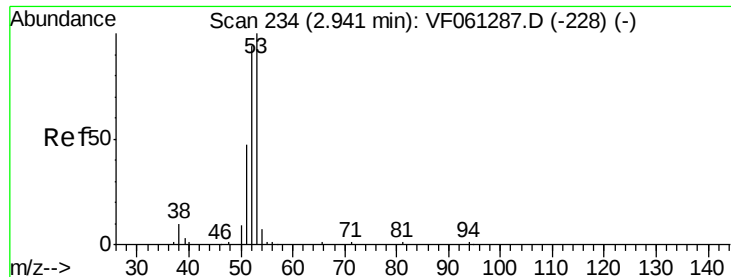


#13

Acrolein  
 Concen: Below Cal  
 RT: 1.96 min Scan# 135  
 Delta R.T. -0.04 min  
 Lab File: VF061368.D  
 Acq: 11 Jan 2019 15:13

Tgt Ion: 56 Resp: 752  
 Ion Ratio Lower Upper  
 56 100  
 55 84.1 59.4 89.0





#15

Acrylonitrile

Concen: 1.486 ug/l

RT: 2.92 min Scan# 232

Delta R.T. -0.02 min

Lab File: VF061368.D

Acq: 11 Jan 2019 15:13

Instrument :

MSVOA\_F

ClientSampled :

DS-B

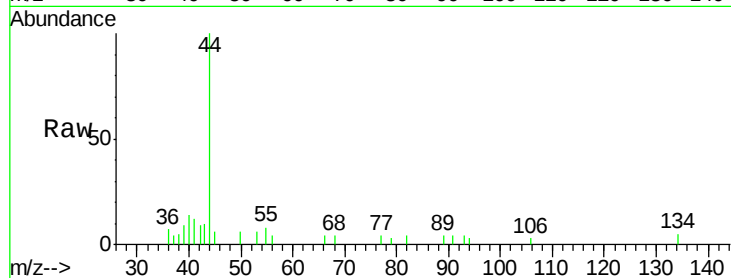
Tot Ion: 53 Resp: 250

Ion Ratio Lower Upper

53 100

52 0.0 74.6 111.8#

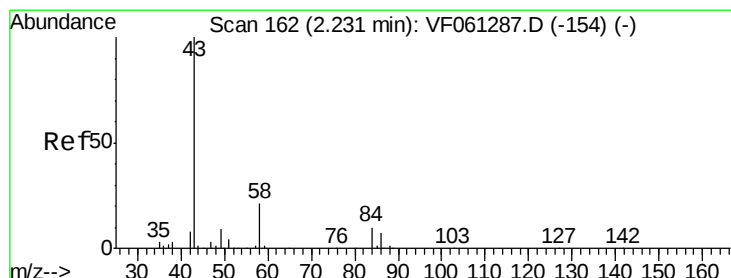
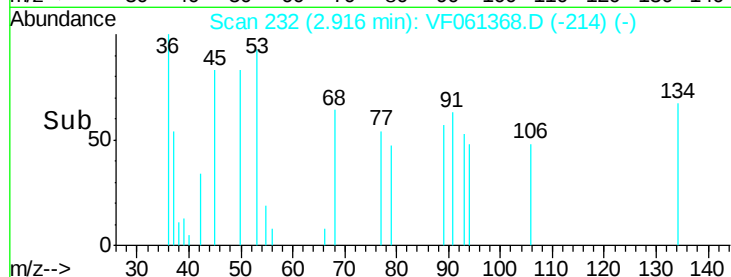
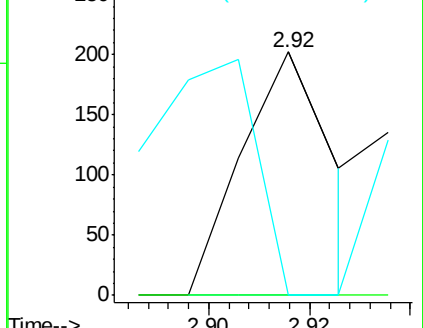
51 0.0 37.8 56.6#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 5.251 ug/l

RT: 2.13 min Scan# 152

Delta R.T. -0.10 min

Lab File: VF061368.D

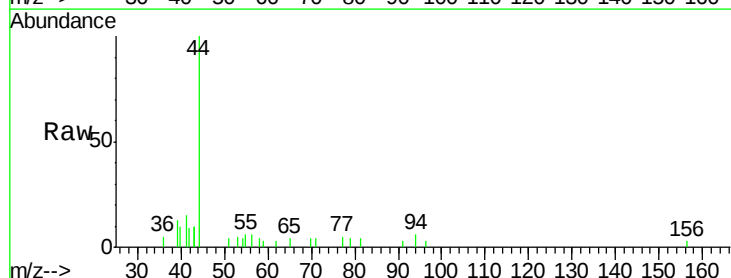
Acq: 11 Jan 2019 15:13

Tgt Ion: 43 Resp: 1448

Ion Ratio Lower Upper

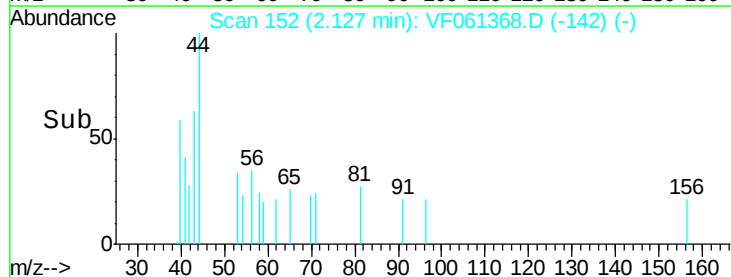
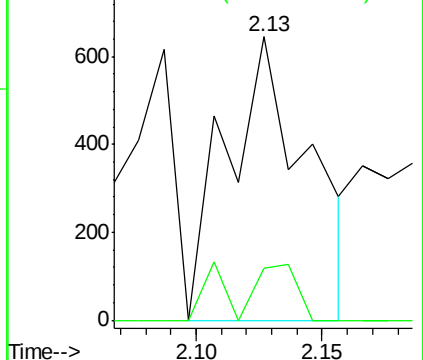
43 100

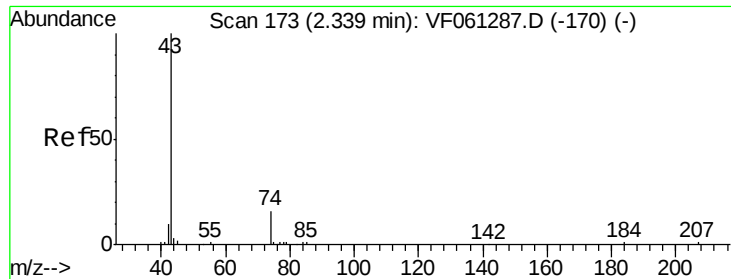
58 18.4 16.6 25.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

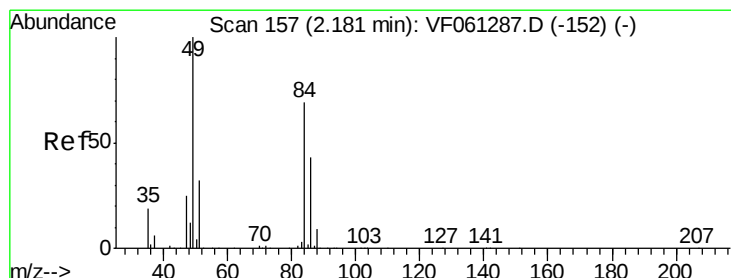
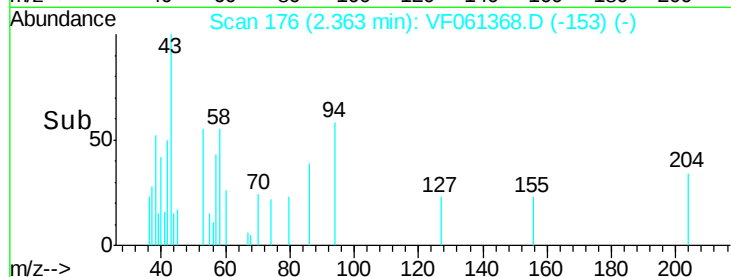
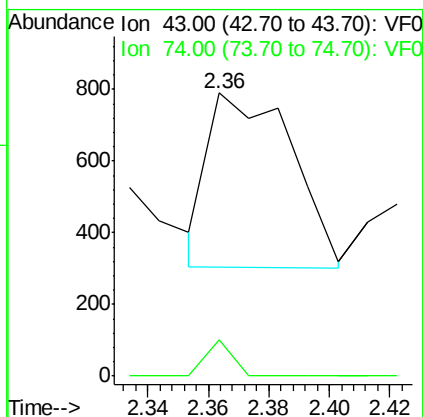
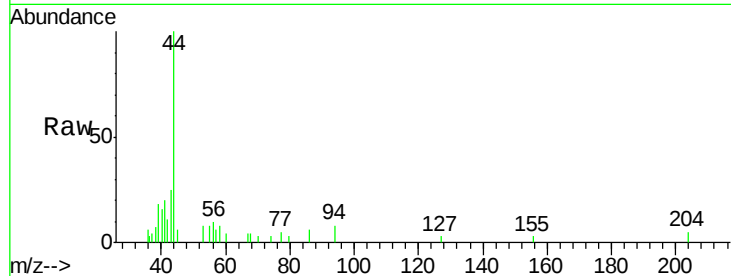




#18  
Methyl Acetate  
Concen: 1.729 ug/l  
RT: 2.36 min Scan# 176  
Delta R.T. 0.02 min  
Lab File: VF061368.D  
Acq: 11 Jan 2019 15:13

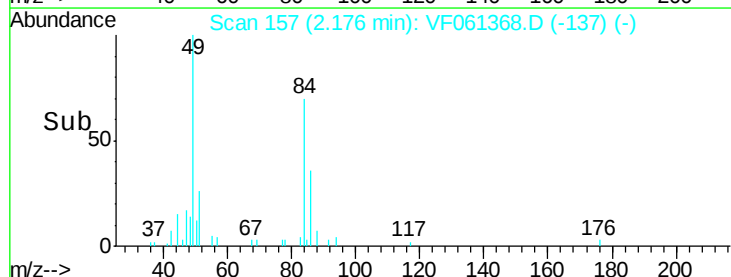
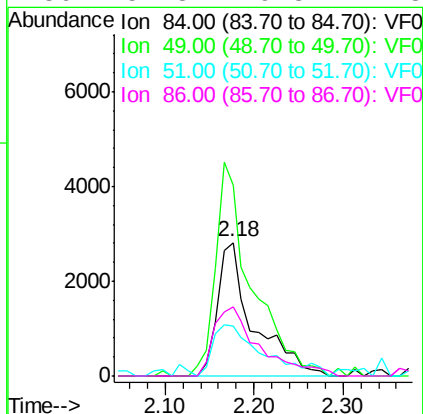
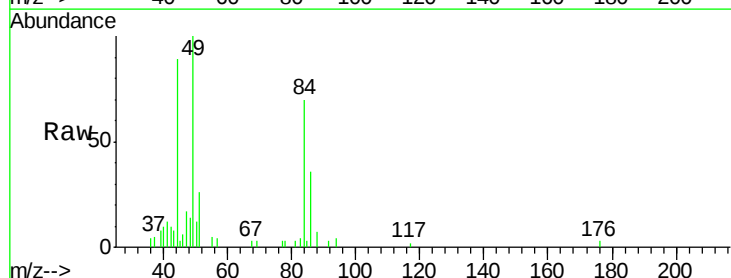
Instrument :  
MSVOA\_F  
ClientSampled :  
DS-B

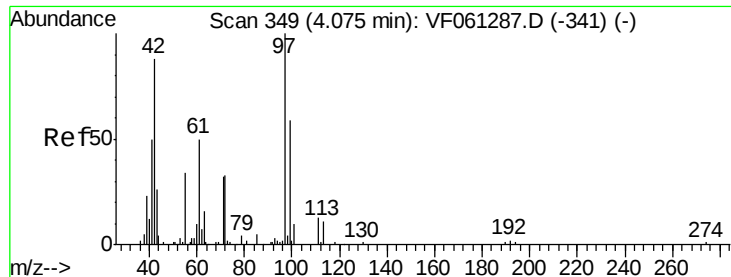
Tot Ion: 43 Resp: 938  
Ion Ratio Lower Upper  
43 100  
74 12.7 11.6 17.4



#20  
Methylene Chloride  
Concen: 6.812 ug/l  
RT: 2.18 min Scan# 157  
Delta R.T. -0.01 min  
Lab File: VF061368.D  
Acq: 11 Jan 2019 15:13

Tgt Ion: 84 Resp: 7947  
Ion Ratio Lower Upper  
84 100  
49 143.6 116.6 175.0  
51 37.3 37.7 56.5#  
86 51.8 49.8 74.8





#29

Tetrahydrofuran

Concen: 1.444 ug/l

RT: 4.04 min Scan# 346

Delta R.T. -0.03 min

Lab File: VF061368.D

Acq: 11 Jan 2019 15:13

Instrument :

MSVOA\_F

ClientSampled :

DS-B

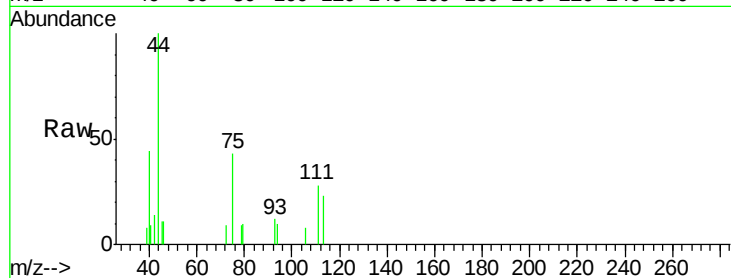
Tot Ion: 42 Resp: 268

Ion Ratio Lower Upper

42 100

72 25.0 32.3 48.5#

71 0.0 29.5 44.3#



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0

300

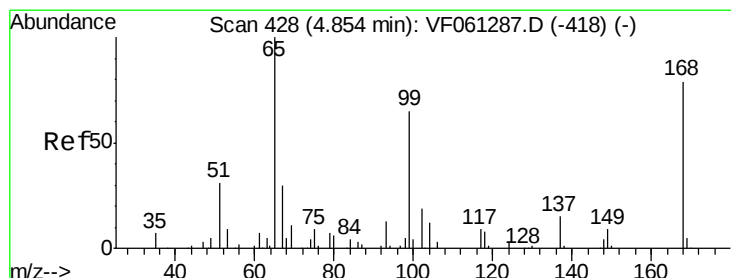
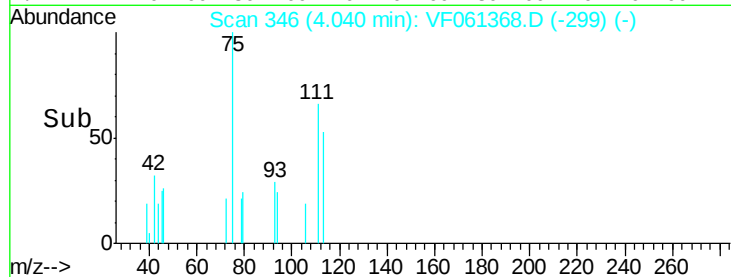
200

100

0

4.02 4.04 4.06

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.260 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061368.D

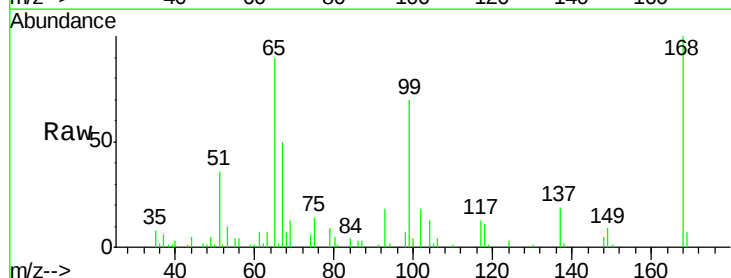
Acq: 11 Jan 2019 15:13

Tgt Ion: 65 Resp: 47723

Ion Ratio Lower Upper

65 100

67 55.2 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

15000

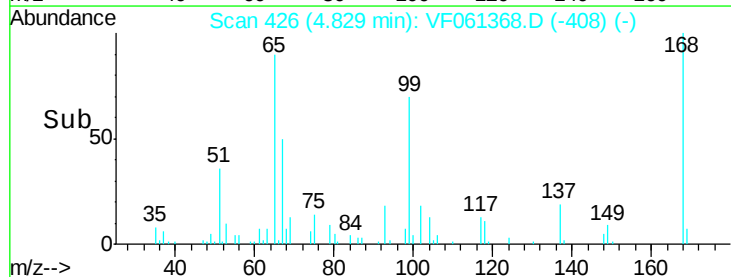
10000

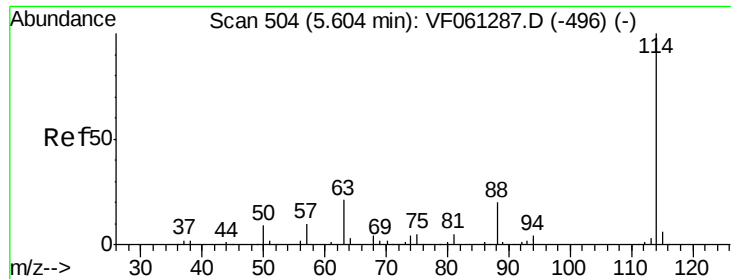
5000

0

4.70 4.80 4.90

Time-->

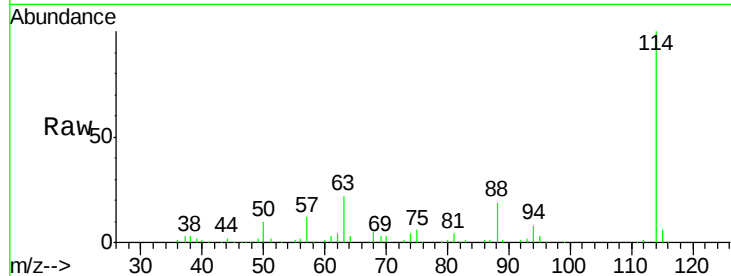




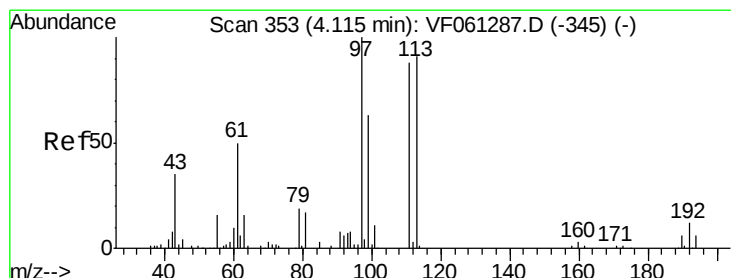
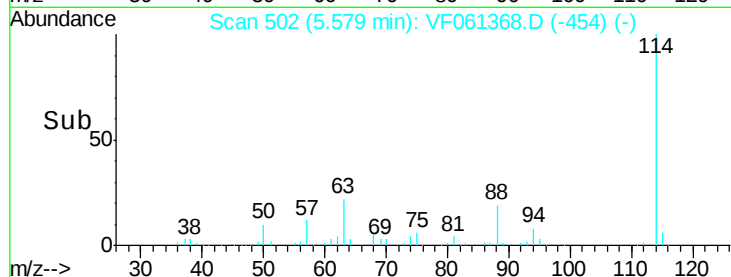
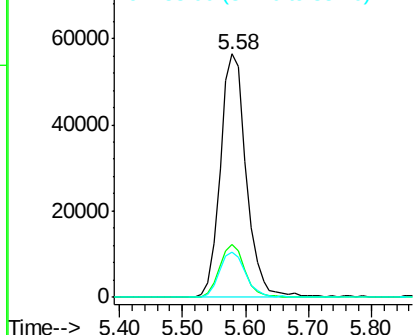
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 5.58 min Scan# 502  
Delta R.T. -0.02 min  
Lab File: VF061368.D  
Acq: 11 Jan 2019 15:13

Instrument :  
MSVOA\_F  
ClientSampleId :  
DS-B

Tot Ion:114 Resp: 162211  
Ion Ratio Lower Upper  
114 100  
63 21.9 0.0 42.8  
88 18.7 0.0 40.0

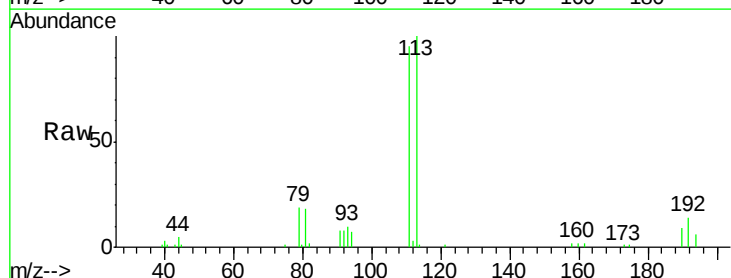


Abundance Ion 114.00 (113.70 to 114.70): V  
Ion 63.00 (62.70 to 63.70): VF0  
Ion 88.00 (87.70 to 88.70): VF0

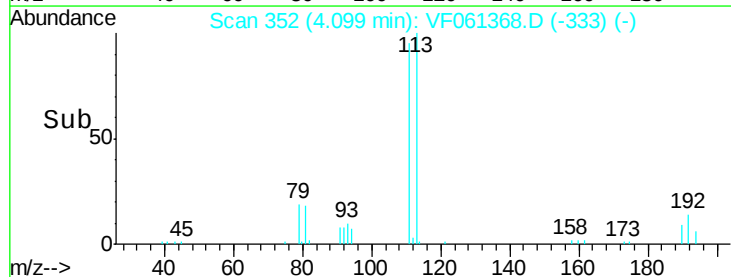
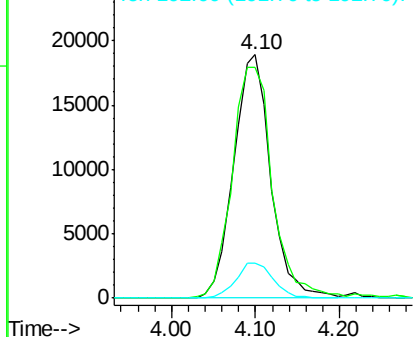


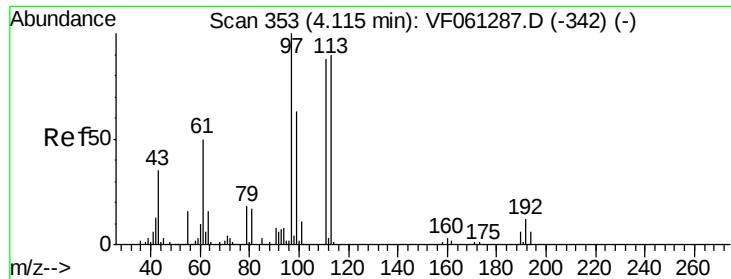
#35  
Dibromofluoromethane  
Concen: 46.664 ug/l  
RT: 4.10 min Scan# 352  
Delta R.T. -0.02 min  
Lab File: VF061368.D  
Acq: 11 Jan 2019 15:13

Tgt Ion:113 Resp: 57919  
Ion Ratio Lower Upper  
113 100  
111 94.9 78.0 117.0  
192 14.4 10.6 16.0



Abundance Ion 113.00 (112.70 to 113.70): V  
Ion 111.00 (110.70 to 111.70): V  
Ion 192.00 (191.70 to 192.70): V

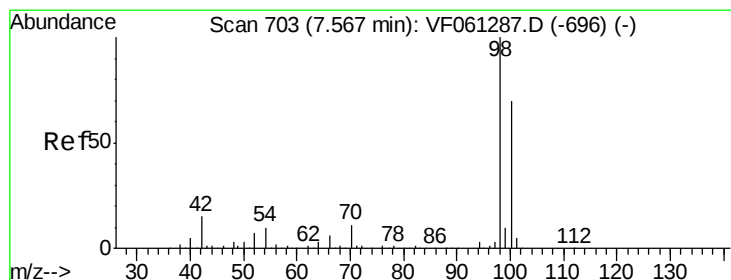
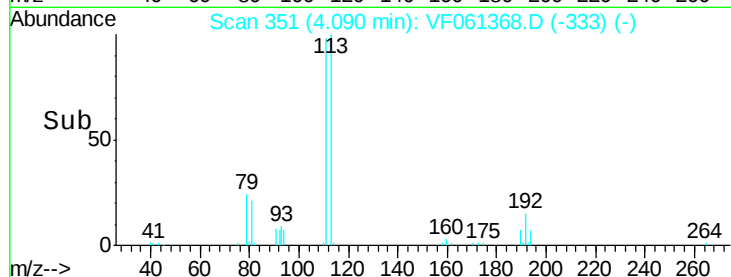
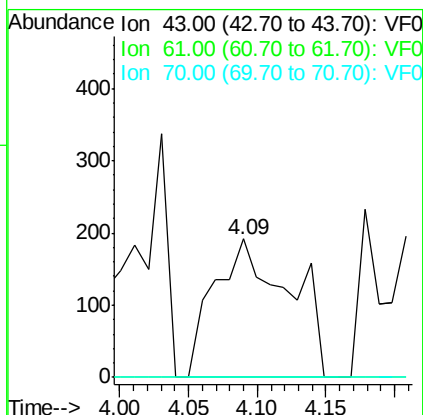
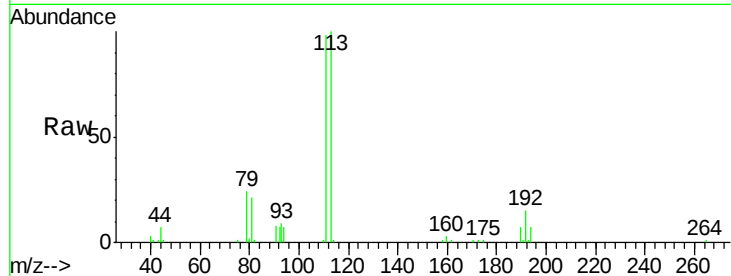




#37  
Ethyl Acetate  
Concen: 1.052 ug/l  
RT: 4.09 min Scan# 351  
Delta R.T. -0.02 min  
Lab File: VF061368.D  
Acq: 11 Jan 2019 15:13

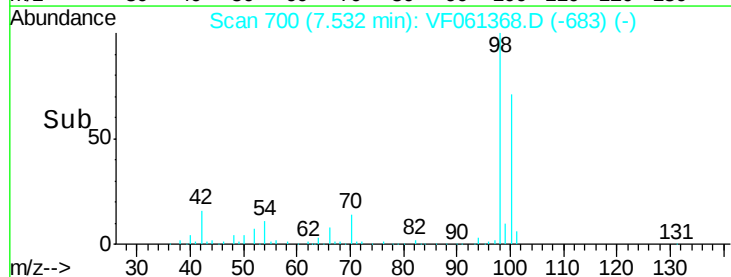
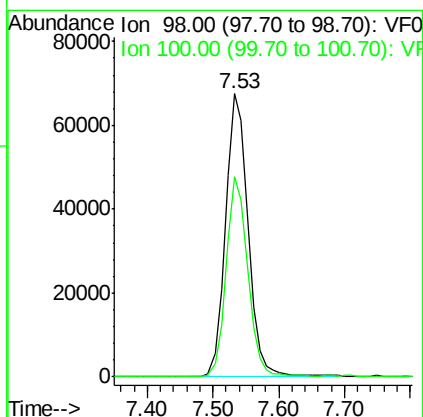
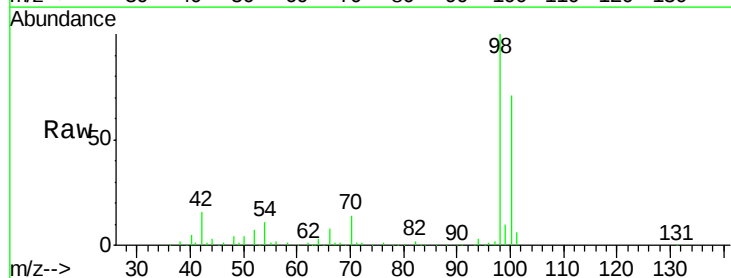
Instrument :  
MSVOA\_F  
ClientSampleId :  
DS-B

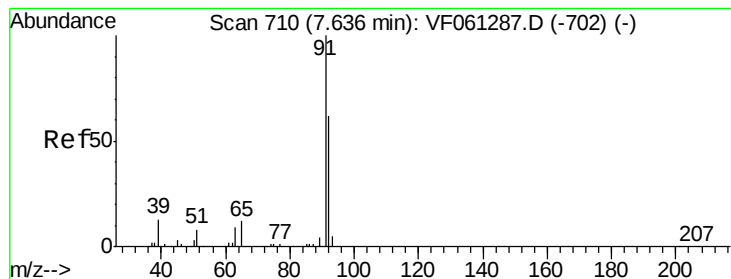
Tot Ion: 43 Resp: 726  
Ion Ratio Lower Upper  
43 100  
61 0.0 113.3 169.9#  
70 0.0 9.4 14.0#



#50  
Toluene-d8  
Concen: 44.400 ug/l  
RT: 7.53 min Scan# 700  
Delta R.T. -0.03 min  
Lab File: VF061368.D  
Acq: 11 Jan 2019 15:13

Tgt Ion: 98 Resp: 163081  
Ion Ratio Lower Upper  
98 100  
100 70.7 55.6 83.4





#52

Toluene

Concen: 3.427 ug/l

RT: 7.60 min Scan# 707

Delta R.T. -0.03 min

Lab File: VF061368.D

Acq: 11 Jan 2019 15:13

Instrument :

MSVOA\_F

ClientSampleId :

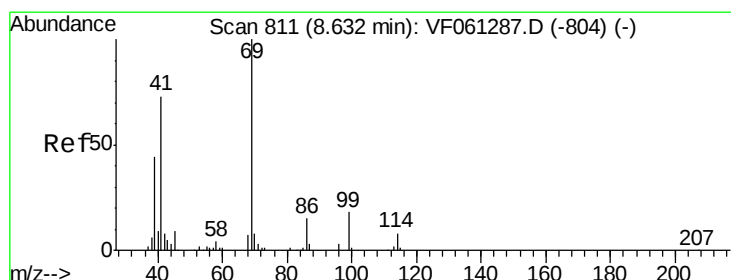
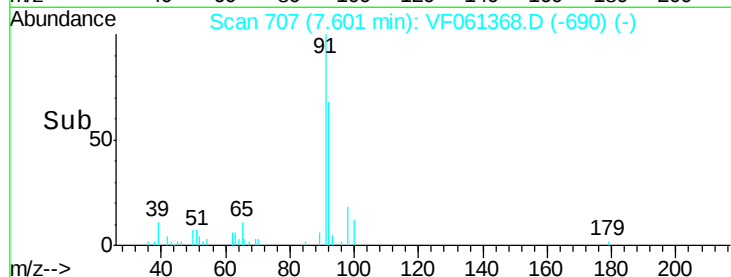
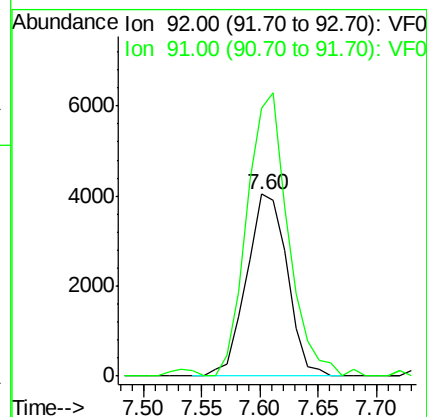
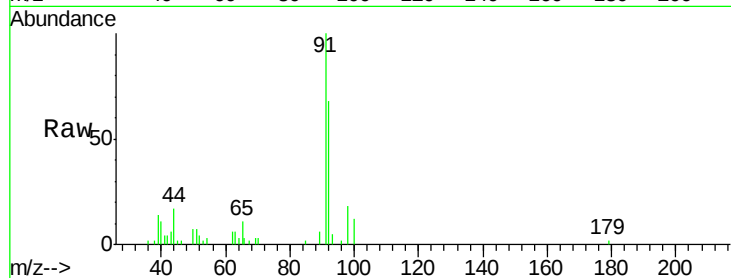
DS-B

Tot Ion: 92 Resp: 9742

Ion Ratio Lower Upper

92 100

91 147.6 129.2 193.8



#56

Ethyl methacrylate

Concen: 1.120 ug/l

RT: 8.61 min Scan# 809

Delta R.T. -0.02 min

Lab File: VF061368.D

Acq: 11 Jan 2019 15:13

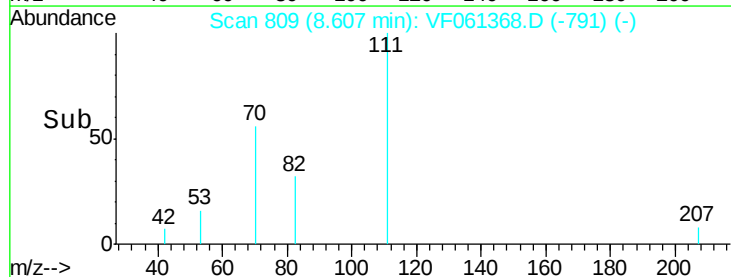
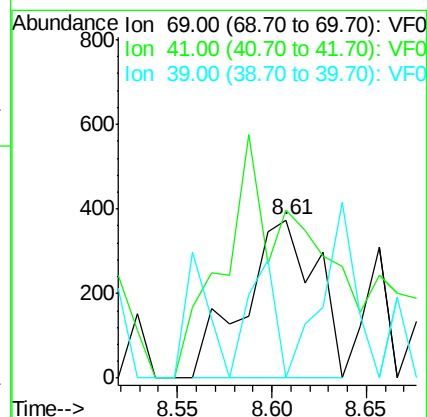
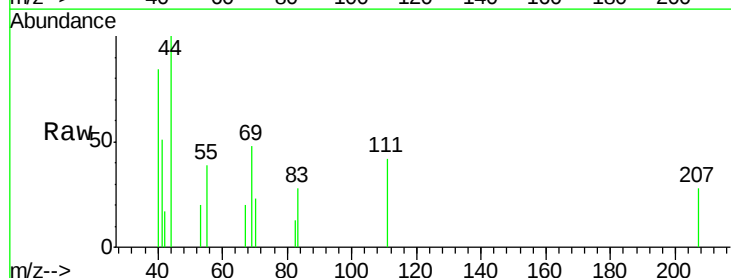
Tgt Ion: 69 Resp: 996

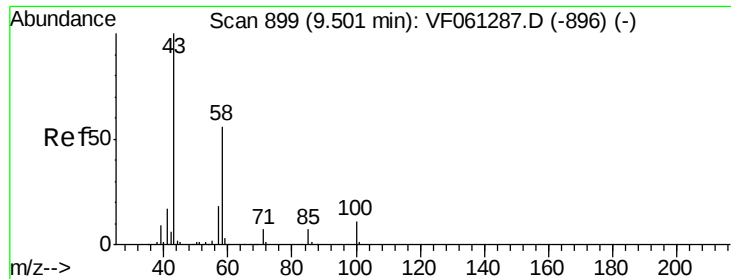
Ion Ratio Lower Upper

69 100

41 106.1 59.0 88.4#

39 0.0 35.3 52.9#

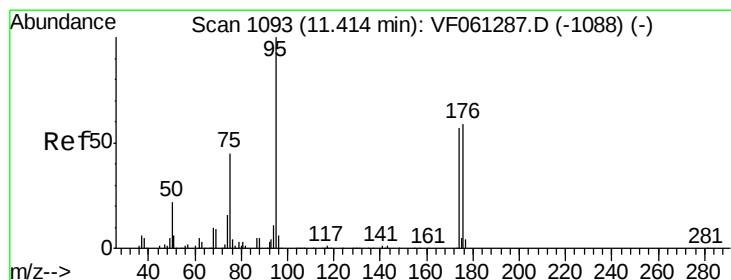
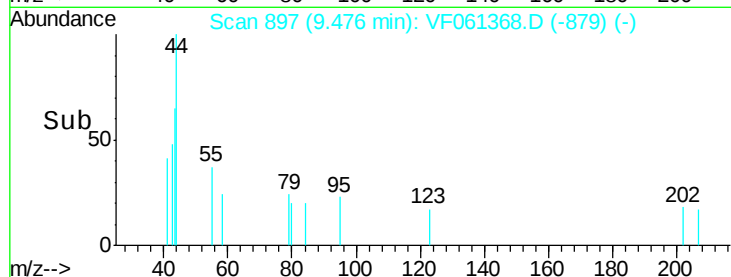
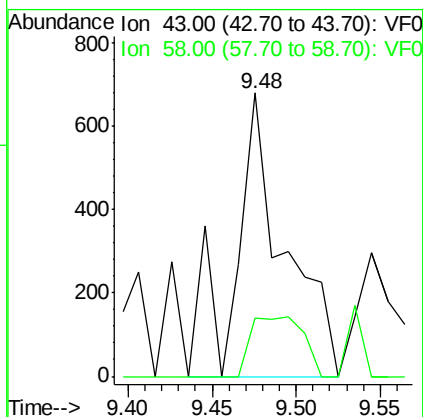
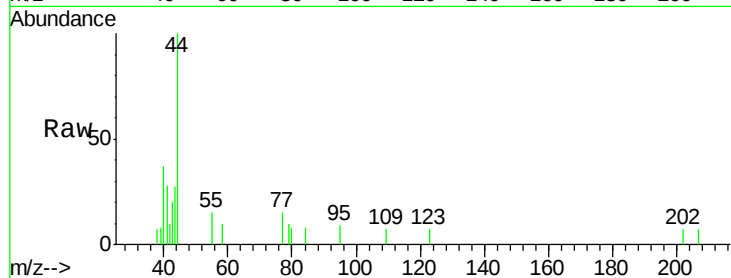




#59  
2-Hexanone  
Concen: 2.858 ug/l  
RT: 9.48 min Scan# 897  
Delta R.T. -0.02 min  
Lab File: VF061368.D  
Acq: 11 Jan 2019 15:13

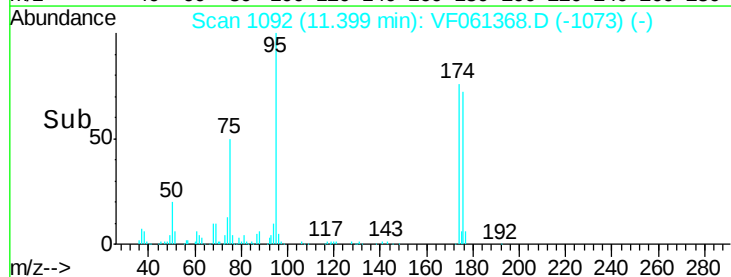
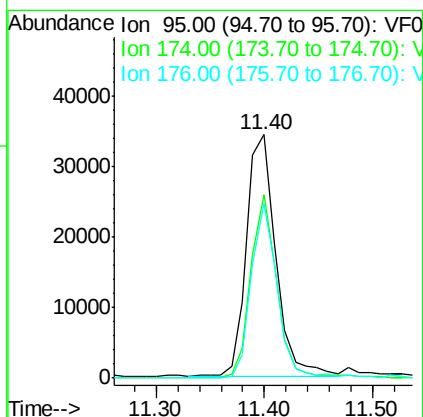
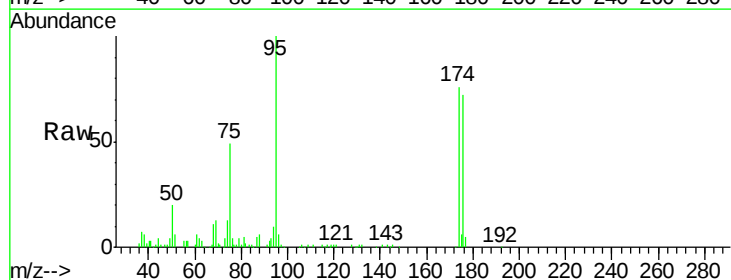
Instrument :  
MSVOA\_F  
ClientSampleId :  
DS-B

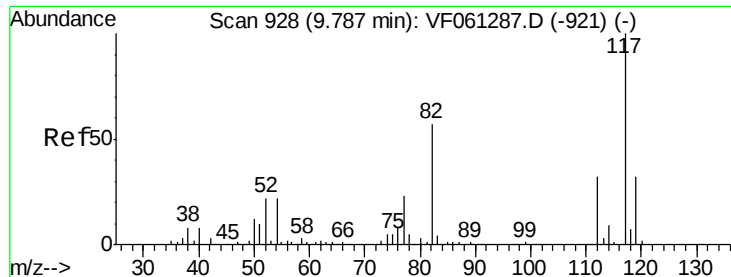
Tot Ion: 43 Resp: 1392  
Ion Ratio Lower Upper  
43 100  
58 20.8 25.6 76.8#



#62  
4-Bromofluorobenzene  
Concen: 40.413 ug/l  
RT: 11.40 min Scan# 1092  
Delta R.T. -0.02 min  
Lab File: VF061368.D  
Acq: 11 Jan 2019 15:13

Tgt Ion: 95 Resp: 64816  
Ion Ratio Lower Upper  
95 100  
174 75.6 0.0 114.2  
176 71.9 0.0 117.8

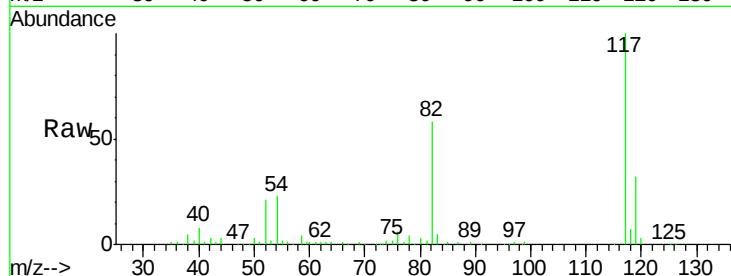




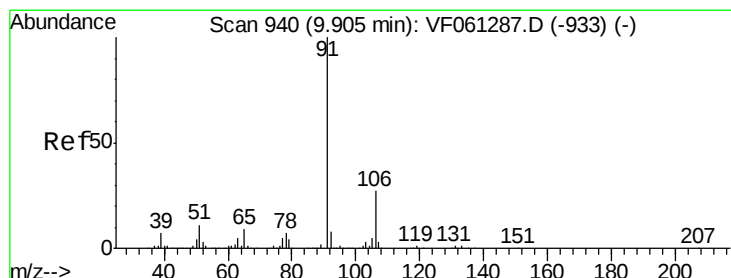
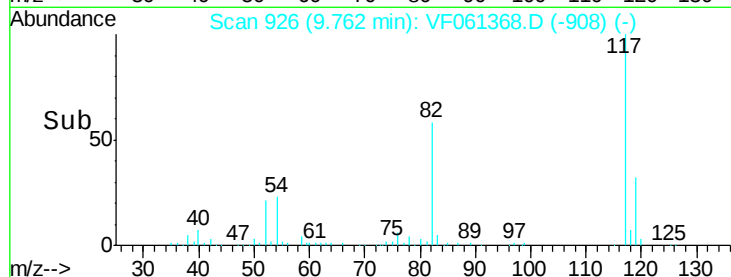
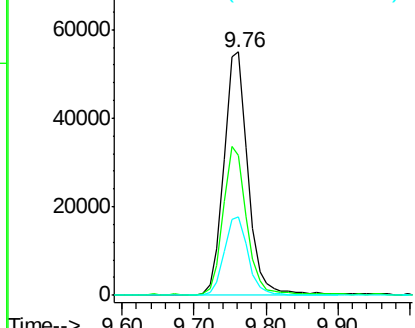
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.76 min Scan# 926  
Delta R.T. -0.02 min  
Lab File: VF061368.D  
Acq: 11 Jan 2019 15:13

Instrument :  
MSVOA\_F  
ClientSampleId :  
DS-B

Tot Ion:117 Resp: 127851  
Ion Ratio Lower Upper  
117 100  
82 57.6 45.3 67.9  
119 32.0 25.4 38.0

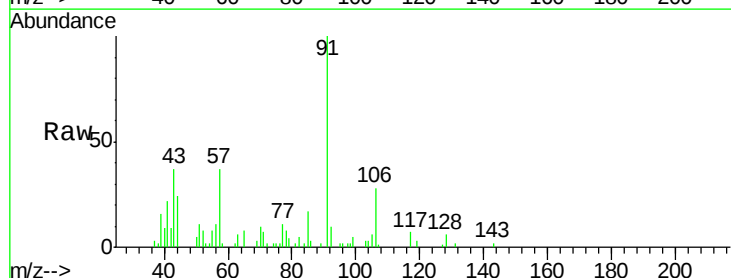


Abundance Ion 117.00 (116.70 to 117.70): V  
Ion 82.00 (81.70 to 82.70): VF0  
Ion 119.00 (118.70 to 119.70): V

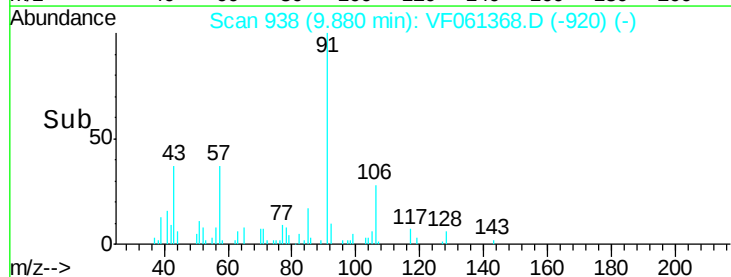
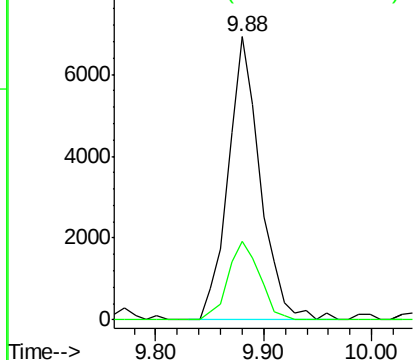


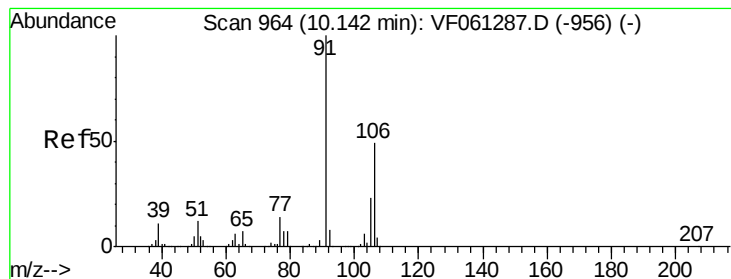
#67  
Ethyl Benzene  
Concen: 2.873 ug/l  
RT: 9.88 min Scan# 938  
Delta R.T. -0.02 min  
Lab File: VF061368.D  
Acq: 11 Jan 2019 15:13

Tgt Ion: 91 Resp: 14299  
Ion Ratio Lower Upper  
91 100  
106 27.6 21.4 32.2



Abundance Ion 91.00 (90.70 to 91.70): VF0  
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 11.413 ug/l

RT: 10.12 min Scan# 962

Delta R.T. -0.02 min

Lab File: VF061368.D

Acq: 11 Jan 2019 15:13

Instrument :

MSVOA\_F

ClientSampleId :

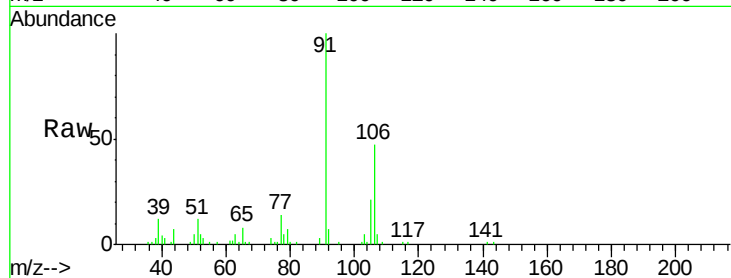
DS-B

Tot Ion:106 Resp: 19817

Ion Ratio Lower Upper

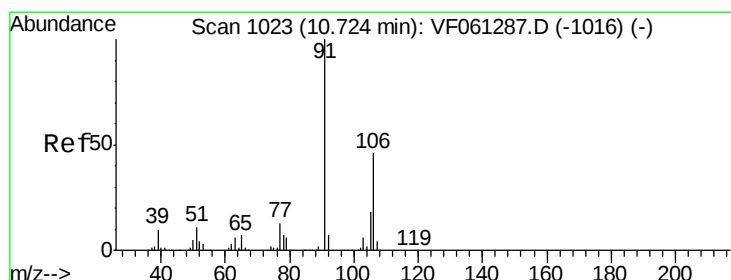
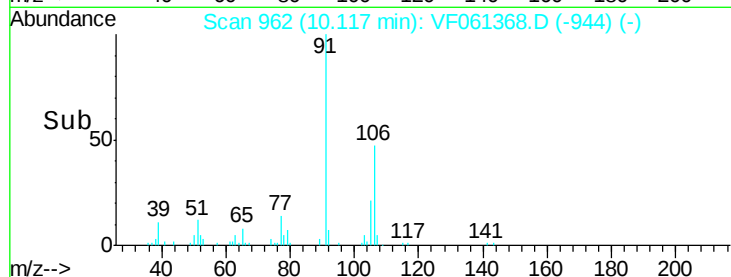
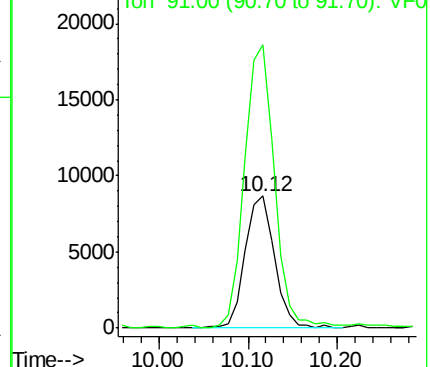
106 100

91 214.7 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



#69

o-Xylene

Concen: 6.782 ug/l

RT: 10.70 min Scan# 1021

Delta R.T. -0.02 min

Lab File: VF061368.D

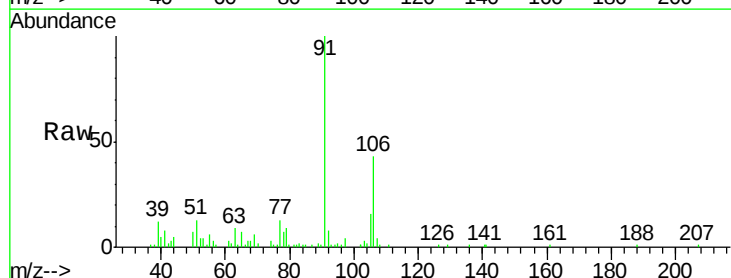
Acq: 11 Jan 2019 15:13

Tgt Ion:106 Resp: 13154

Ion Ratio Lower Upper

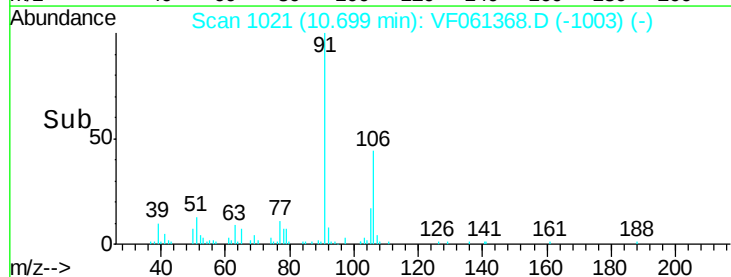
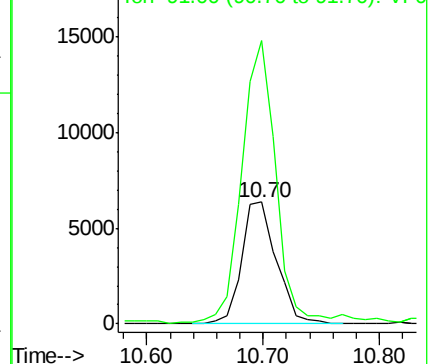
106 100

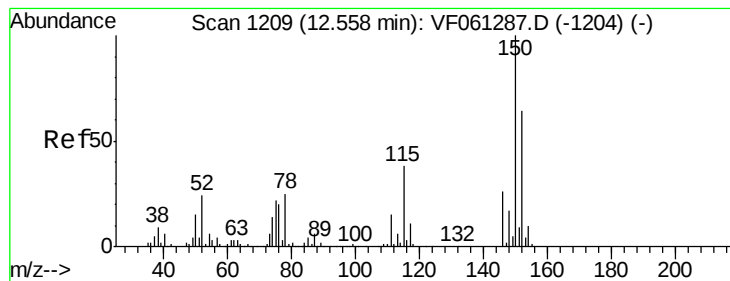
91 231.9 108.1 324.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



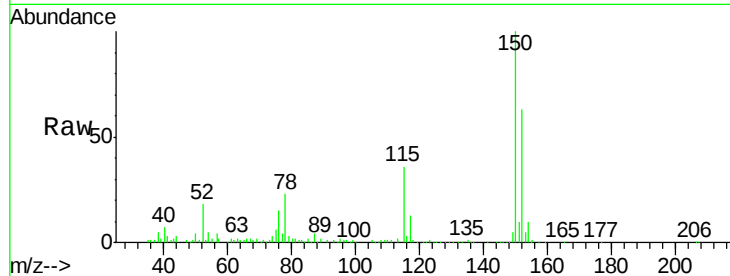


#72

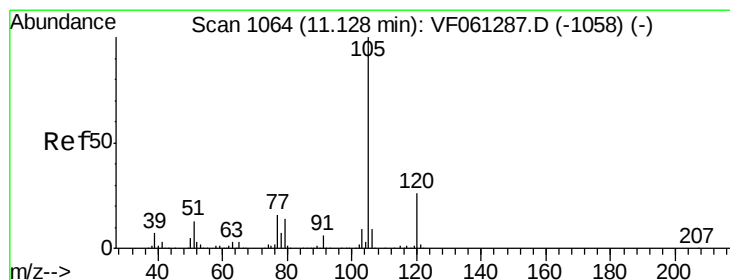
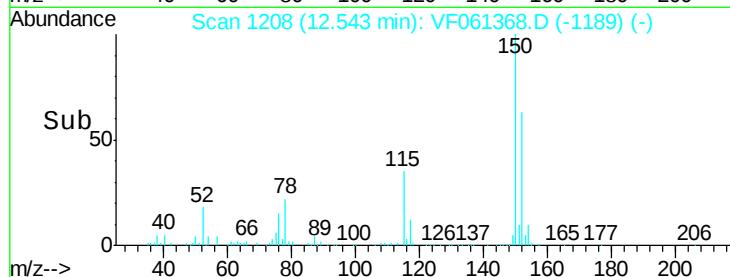
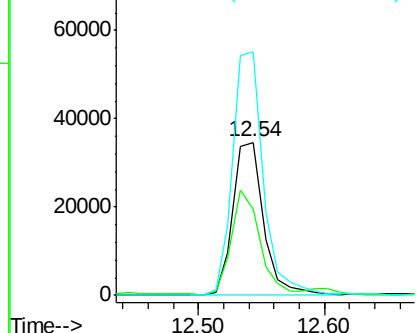
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.54 min Scan# 1208  
Delta R.T. -0.02 min  
Lab File: VF061368.D  
Acq: 11 Jan 2019 15:13

Instrument :  
MSVOA\_F  
ClientSampleId :  
DS-B

Tot Ion:152 Resp: 58565  
Ion Ratio Lower Upper  
152 100  
115 56.6 29.6 88.9  
150 159.0 0.0 315.4



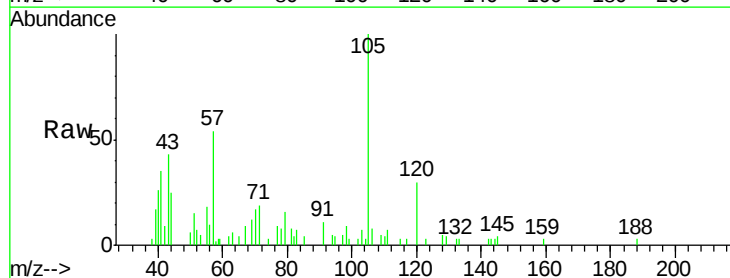
Abundance Ion 152.00 (151.70 to 152.70): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 150.00 (149.70 to 150.70): V



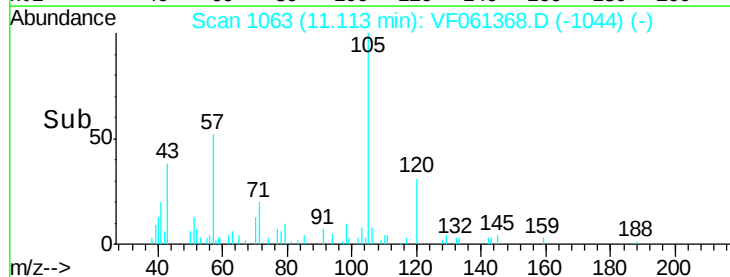
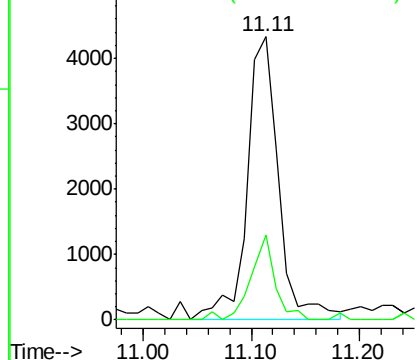
#73

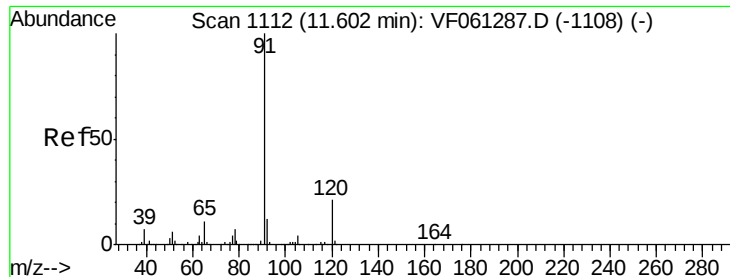
Isopropylbenzene  
Concen: 1.706 ug/l  
RT: 11.11 min Scan# 1063  
Delta R.T. -0.02 min  
Lab File: VF061368.D  
Acq: 11 Jan 2019 15:13

Tgt Ion:105 Resp: 8791  
Ion Ratio Lower Upper  
105 100  
120 29.9 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 4.691 ug/l

RT: 11.58 min Scan# 1110

Delta R.T. -0.02 min

Lab File: VF061368.D

Acq: 11 Jan 2019 15:13

Instrument :

MSVOA\_F

ClientSampleId :

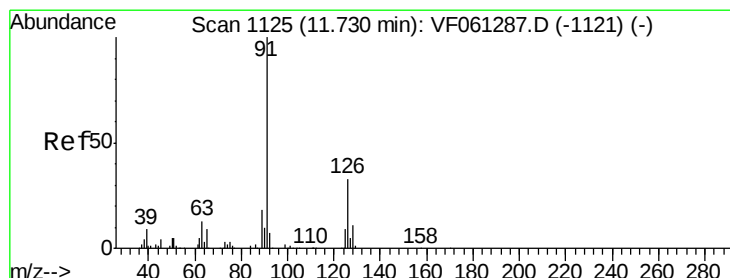
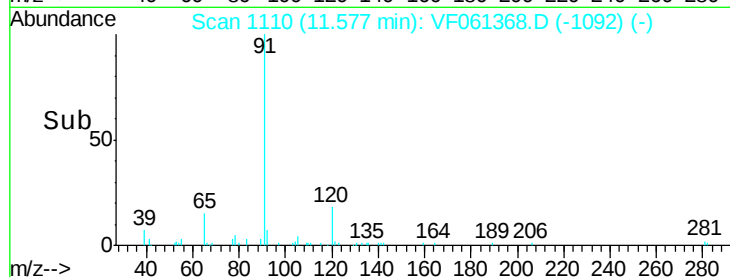
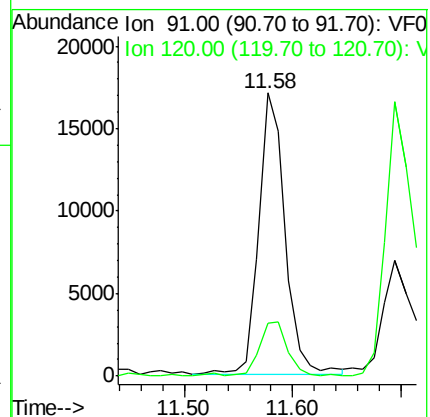
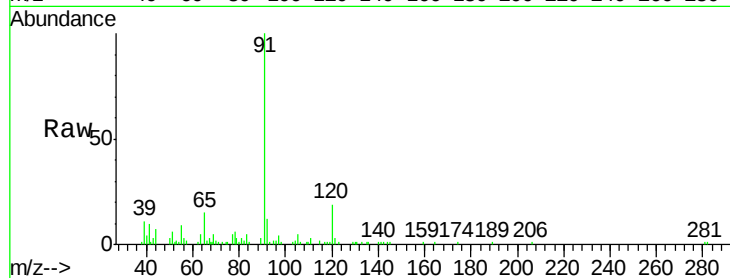
DS-B

Tot Ion: 91 Resp: 28826

Ion Ratio Lower Upper

91 100

120 18.6 10.7 32.1



#79

2-Chlorotoluene

Concen: 3.586 ug/l

RT: 11.70 min Scan# 1122

Delta R.T. -0.03 min

Lab File: VF061368.D

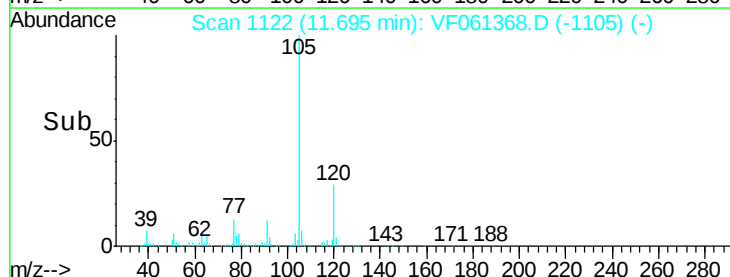
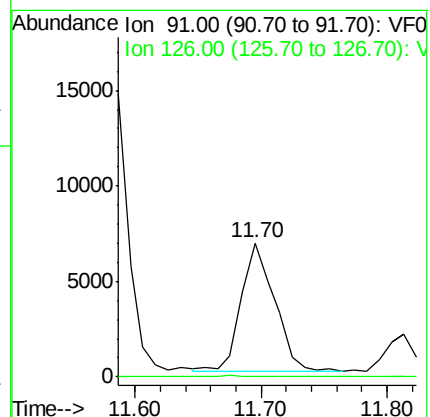
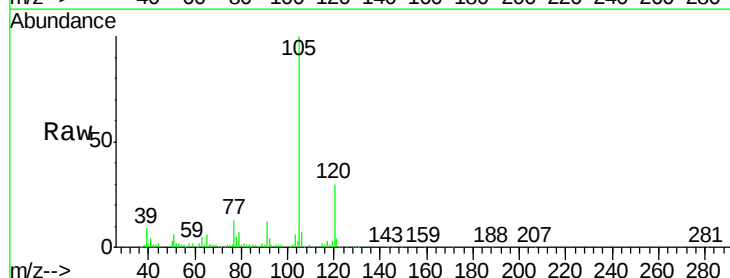
Acq: 11 Jan 2019 15:13

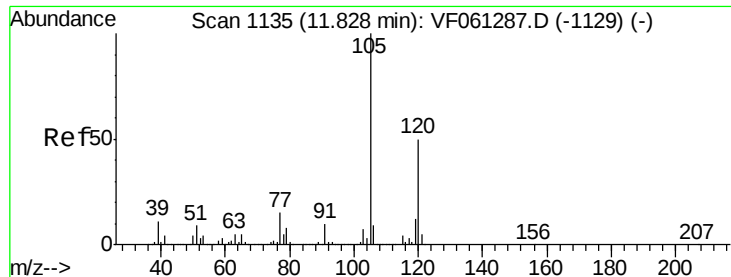
Tgt Ion: 91 Resp: 12276

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.8#

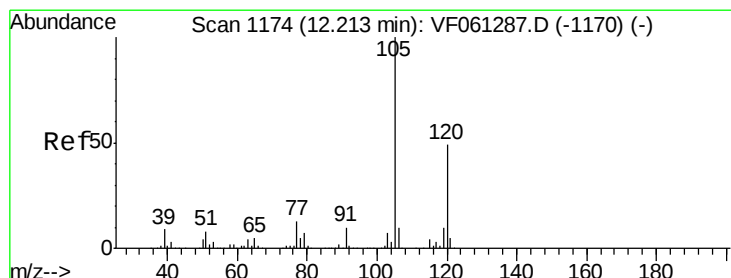
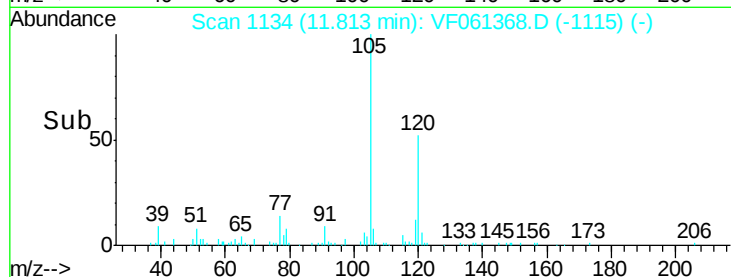
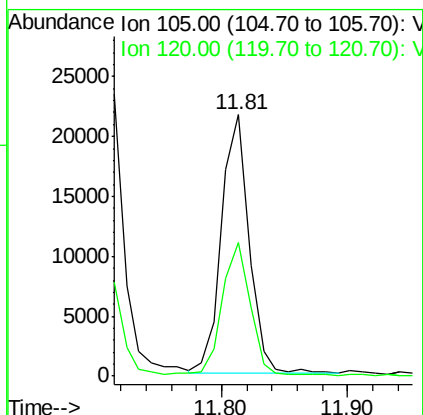
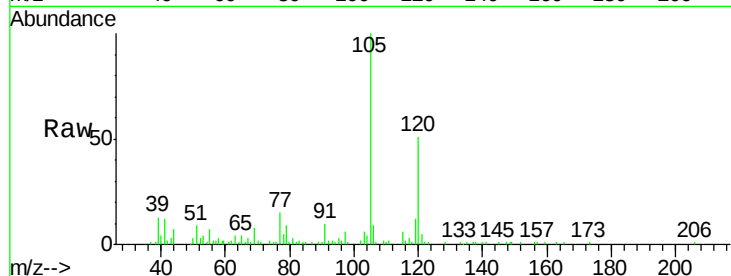




#80  
 1,3,5-Trimethylbenzene  
 Concen: 8.026 ug/l  
 RT: 11.81 min Scan# 1134  
 Delta R.T. -0.02 min  
 Lab File: VF061368.D  
 Acq: 11 Jan 2019 15:13

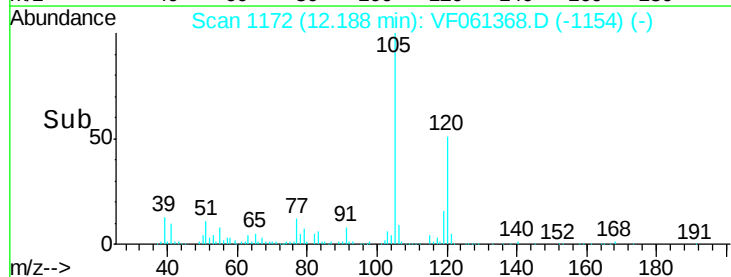
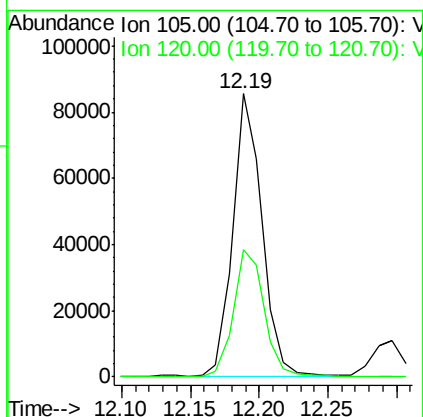
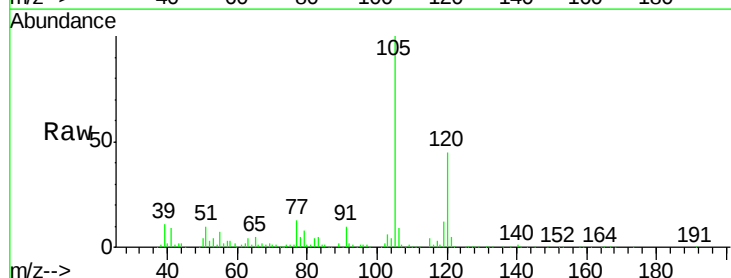
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 DS-B

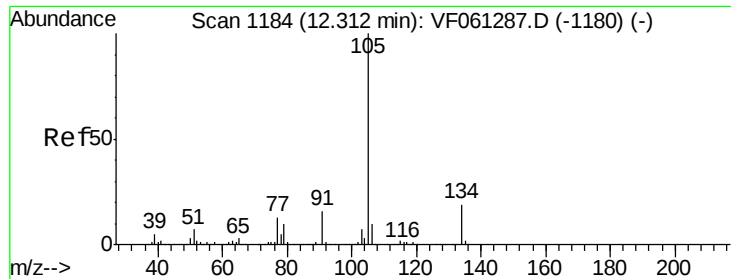
Tot Ion:105 Resp: 32912  
 Ion Ratio Lower Upper  
 105 100  
 120 51.3 25.2 75.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 30.707 ug/l  
 RT: 12.19 min Scan# 1172  
 Delta R.T. -0.02 min  
 Lab File: VF061368.D  
 Acq: 11 Jan 2019 15:13

Tgt Ion:105 Resp: 125016  
 Ion Ratio Lower Upper  
 105 100  
 120 45.0 24.7 74.1





#85

sec-Butylbenzene

Concen: 2.806 ug/l

RT: 12.30 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VF061368.D

Acq: 11 Jan 2019 15:13

Instrument :

MSVOA\_F

ClientSampleId :

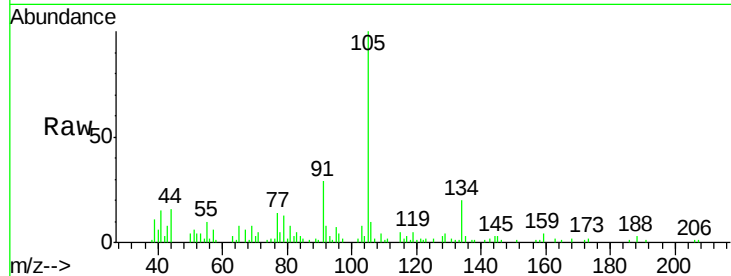
DS-B

Tot Ion:105 Resp: 16323

Ion Ratio Lower Upper

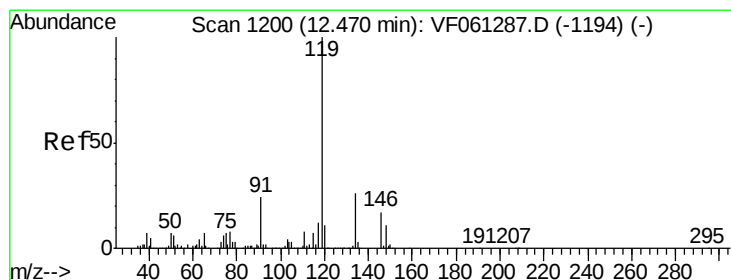
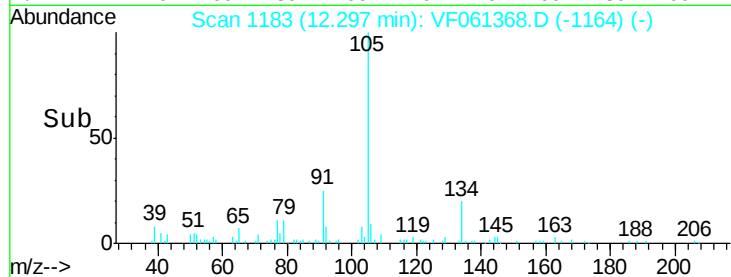
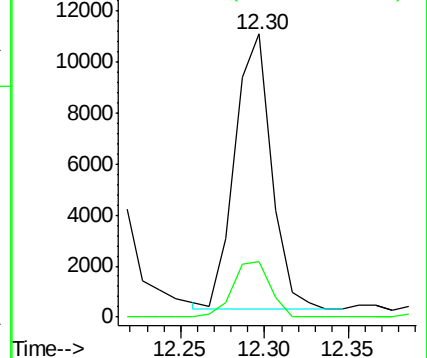
105 100

134 19.6 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.917 ug/l

RT: 12.42 min Scan# 1195

Delta R.T. -0.05 min

Lab File: VF061368.D

Acq: 11 Jan 2019 15:13

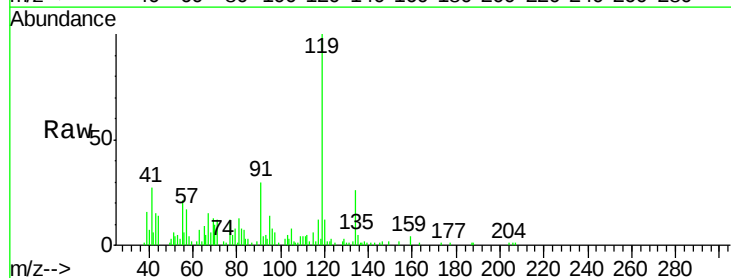
Tgt Ion:119 Resp: 27995

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

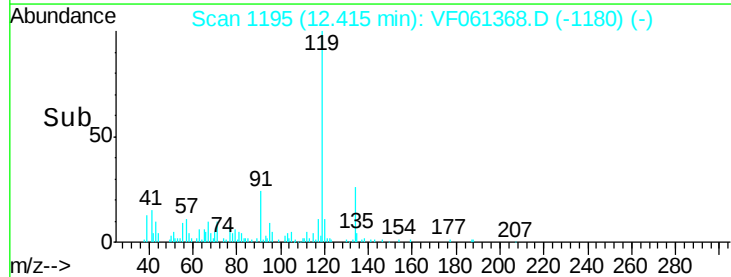
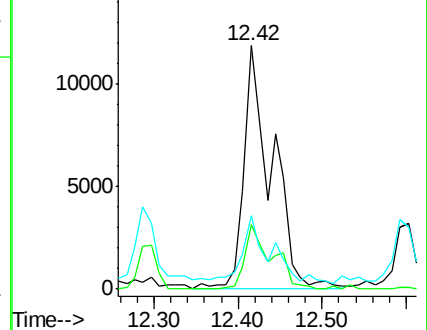
91 30.1 12.2 36.4

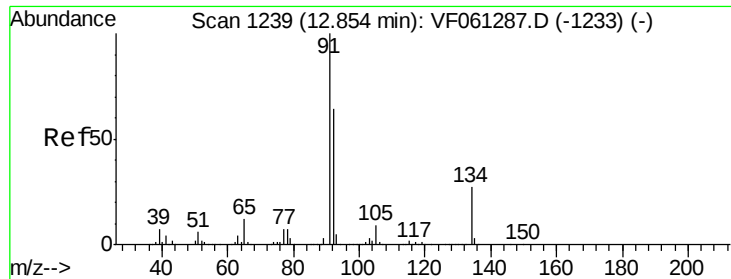


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

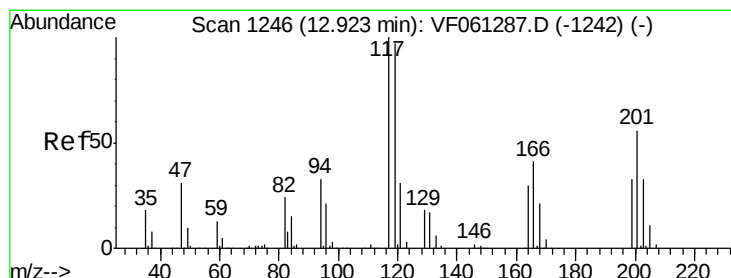
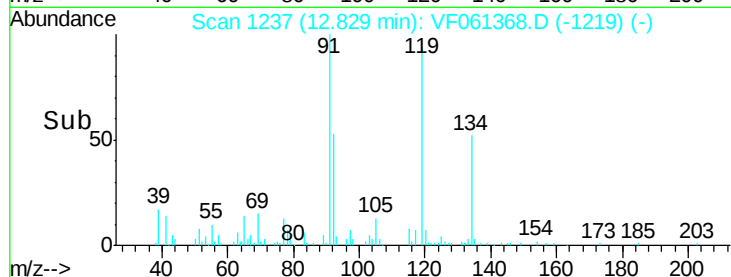
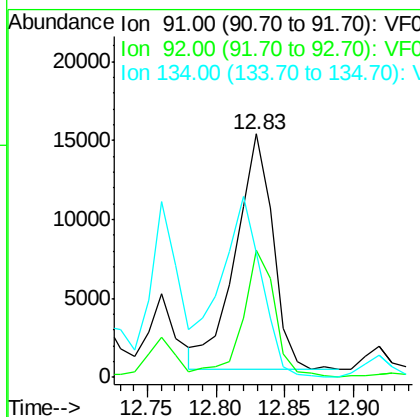
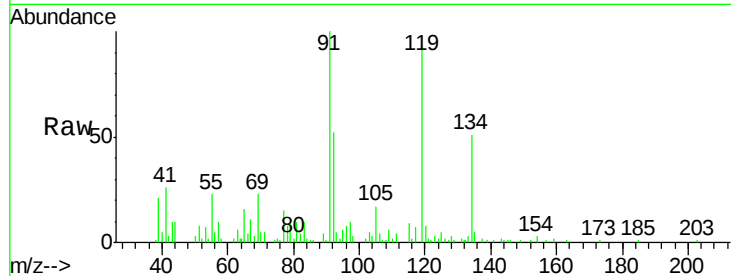




#89  
n-Butylbenzene  
Concen: 5.827 ug/l  
RT: 12.83 min Scan# 1237  
Delta R.T. -0.02 min  
Lab File: VF061368.D  
Acq: 11 Jan 2019 15:13

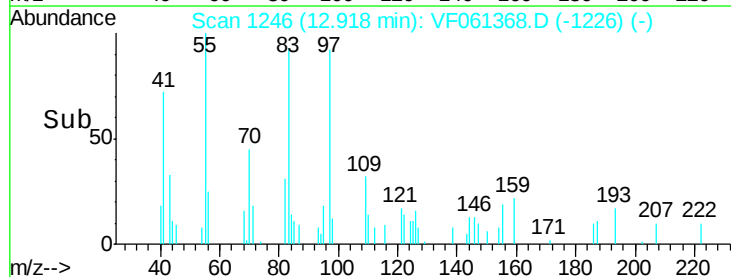
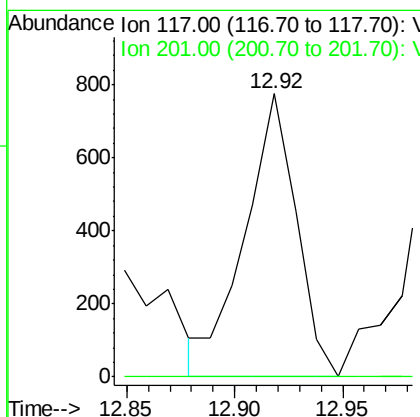
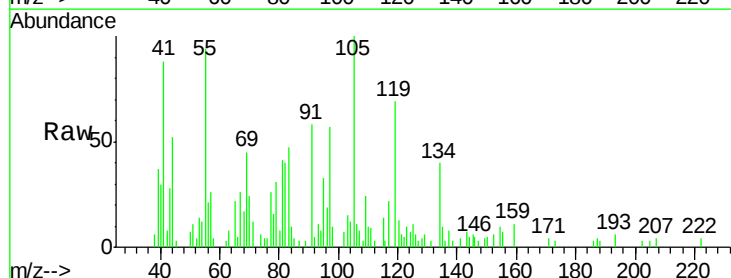
Instrument :  
MSVOA\_F  
ClientSampleId :  
DS-B

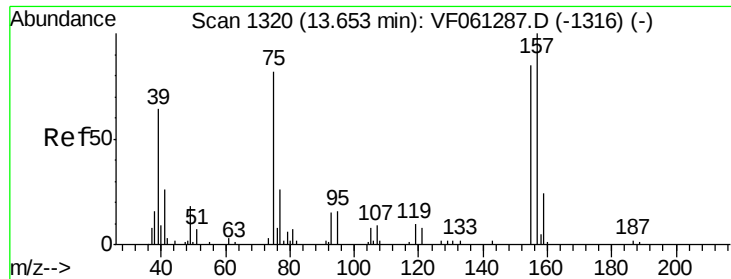
Tot Ion: 91 Resp: 28330  
Ion Ratio Lower Upper  
91 100  
92 52.2 32.1 96.3  
134 51.2 13.4 40.1#



#90  
Hexachloroethane  
Concen: 1.180 ug/l  
RT: 12.92 min Scan# 1246  
Delta R.T. -0.01 min  
Lab File: VF061368.D  
Acq: 11 Jan 2019 15:13

Tgt Ion: 117 Resp: 1277  
Ion Ratio Lower Upper  
117 100  
201 0.0 27.9 83.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.919 ug/l

RT: 13.61 min Scan# 1316

Delta R.T. -0.04 min

Lab File: VF061368.D

Acq: 11 Jan 2019 15:13

Instrument :

MSVOA\_F

ClientSampled :

DS-B

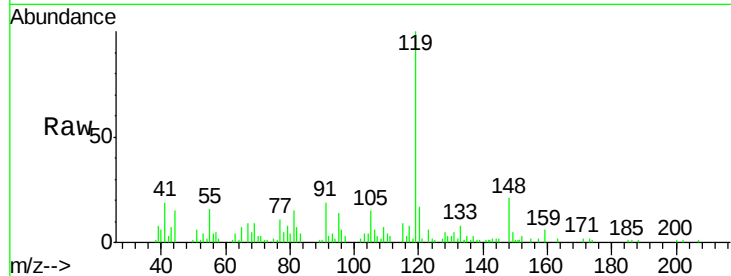
Tot Ion: 75 Resp: 265

Ion Ratio Lower Upper

75 100

155 134.3 51.3 154.0

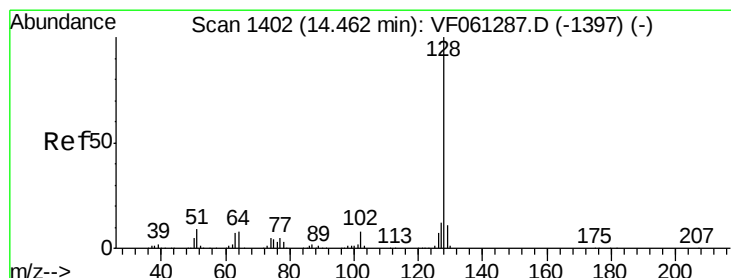
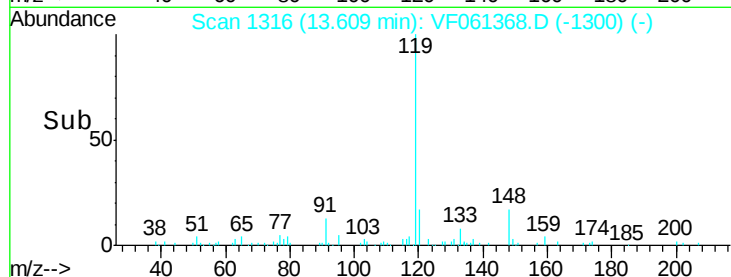
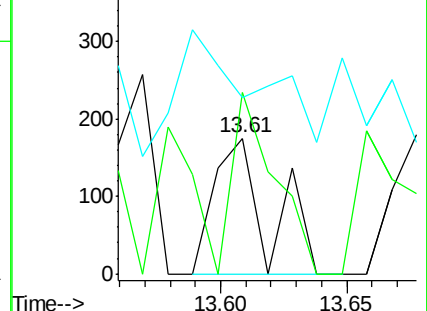
157 130.3 60.7 182.0



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V



#95

Naphthalene

Concen: 3.395 ug/l

RT: 14.45 min Scan# 1401

Delta R.T. -0.02 min

Lab File: VF061368.D

Acq: 11 Jan 2019 15:13

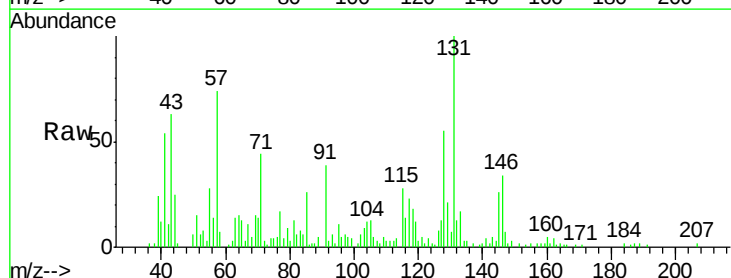
Tgt Ion:128 Resp: 8413

Ion Ratio Lower Upper

128 100

127 23.4 9.4 14.0#

129 37.2 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

