

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061878.D
 Acq On : 8 Mar 2019 22:37
 Operator : VA/AP
 Sample : K1807-27
 Misc : 5.05µ/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-15

Quant Time: Mar 09 00:48:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

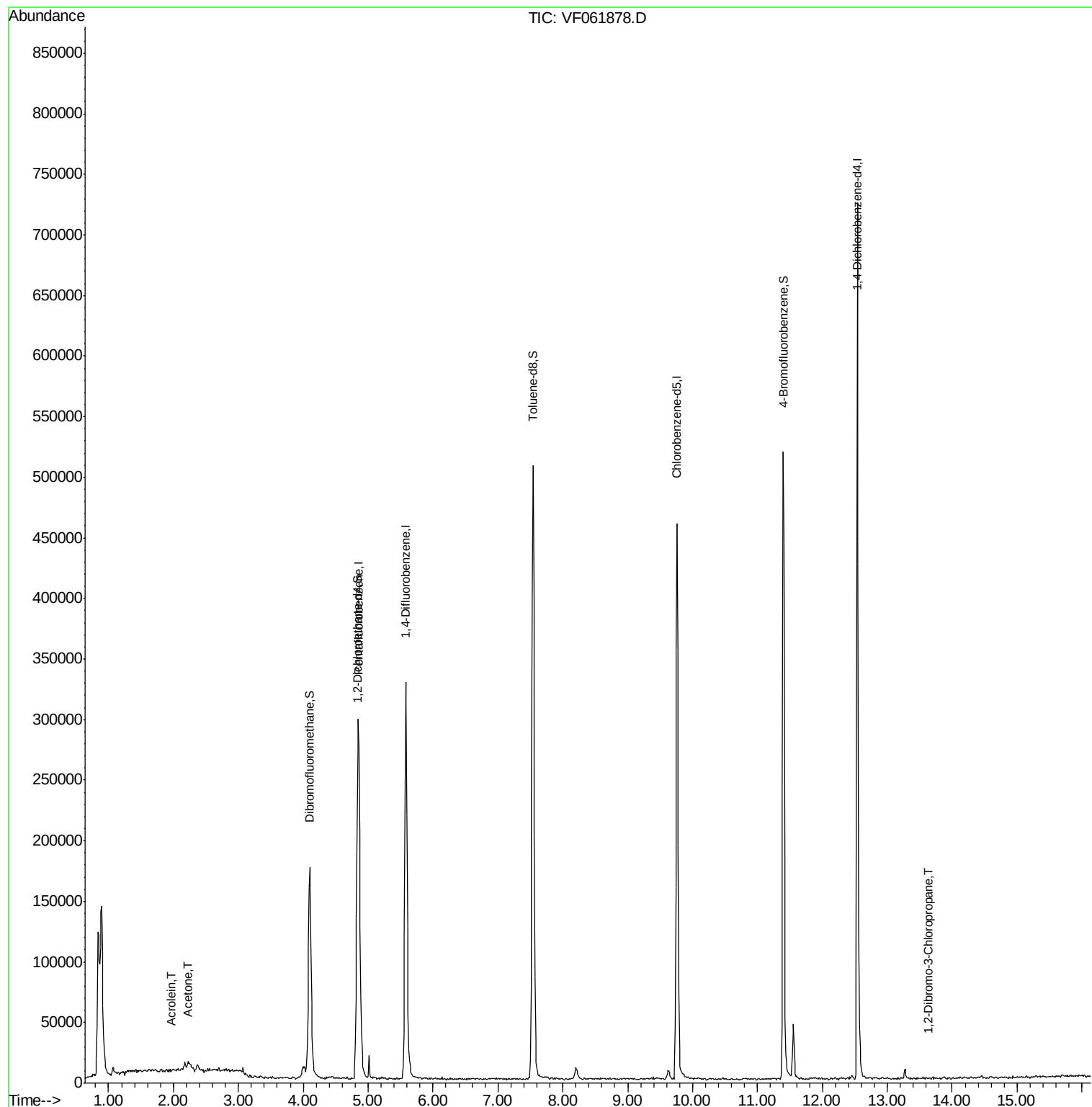
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	261712	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	405013	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	358609	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	205223	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	120121	63.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	126.06%	
35) Dibromofluoromethane	4.10	113	175715	62.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	124.34%	
50) Toluene-d8	7.54	98	446665	53.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	11.40	95	195851	59.51	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	119.02%	
Target Compounds						
13) Acrolein	1.97	56	867	6.325	ug/l #	47
16) Acetone	2.23	43	5663	14.185	ug/l	99
18) Methyl Acetate	2.37	43	3901	Below Cal	#	77
20) Methylene Chloride	2.18	84	3375	Below Cal	#	87
92) 1,2-Dibromo-3-Chloropropan	13.62	75	67	3.919	ug/l #	1

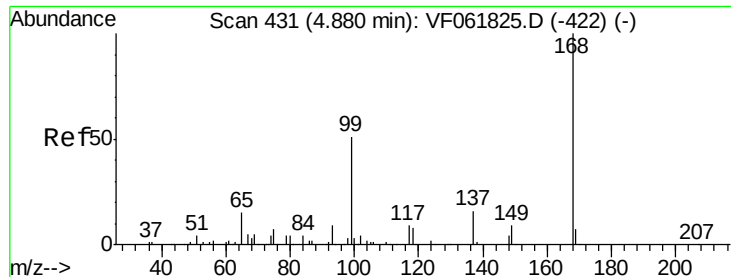
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061878.D

Acq: 8 Mar 2019 22:37

Instrument :

MSVOA_F

ClientSampled :

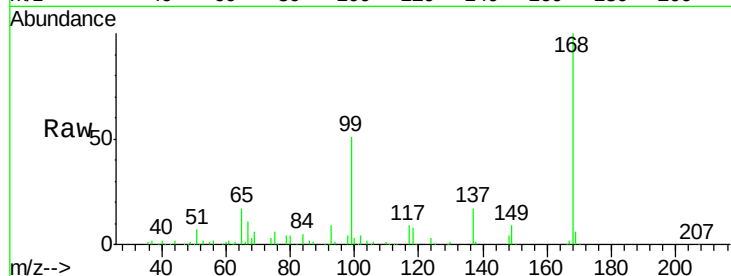
TP-15

Tot Ion:168 Resp: 261712

Ion Ratio Lower Upper

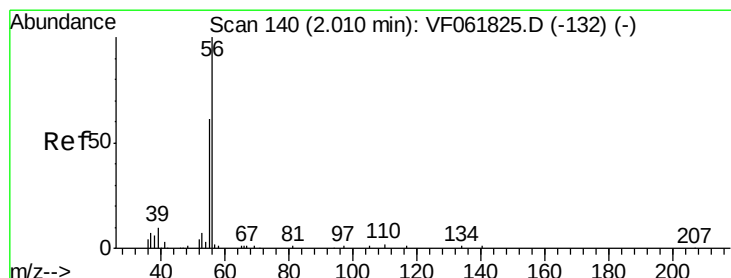
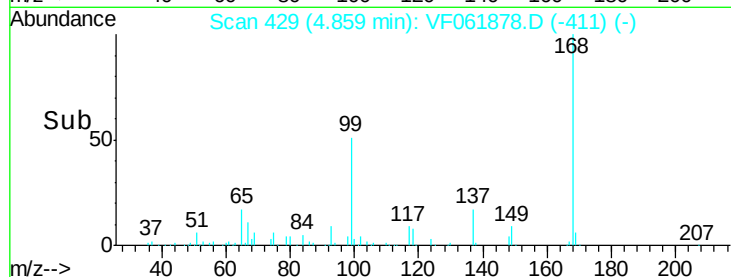
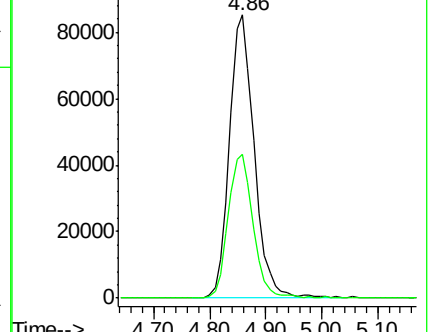
168 100

99 50.7 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#13

Acrolein

Concen: 6.325 ug/l

RT: 1.97 min Scan# 136

Delta R.T. -0.04 min

Lab File: VF061878.D

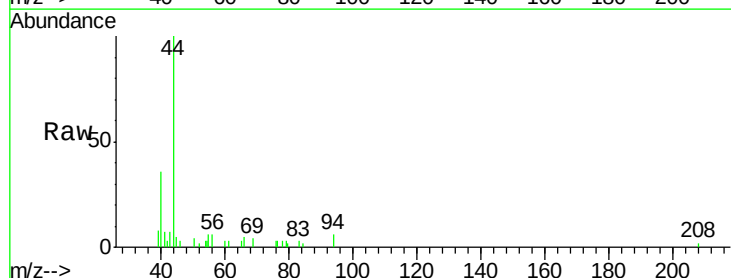
Acq: 8 Mar 2019 22:37

Tgt Ion: 56 Resp: 867

Ion Ratio Lower Upper

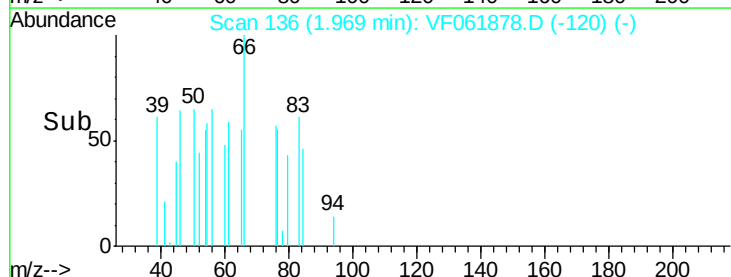
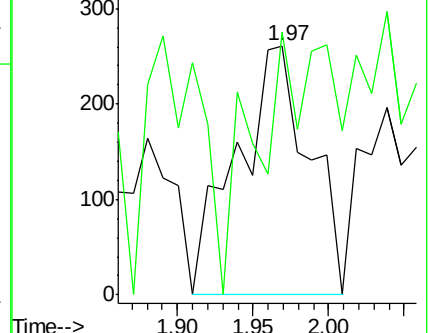
56 100

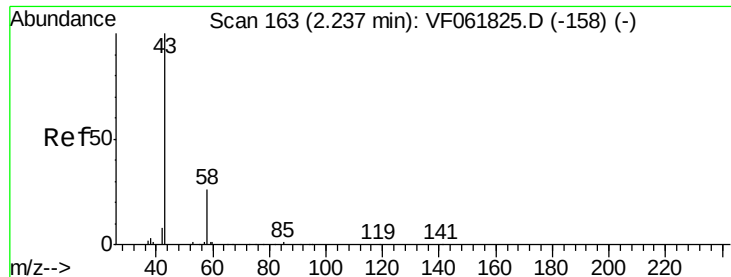
55 105.4 51.3 76.9#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0





#16

Acetone

Concen: 14.185 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.01 min

Lab File: VF061878.D

Acq: 8 Mar 2019 22:37

Instrument :

MSVOA_F

ClientSampleId :

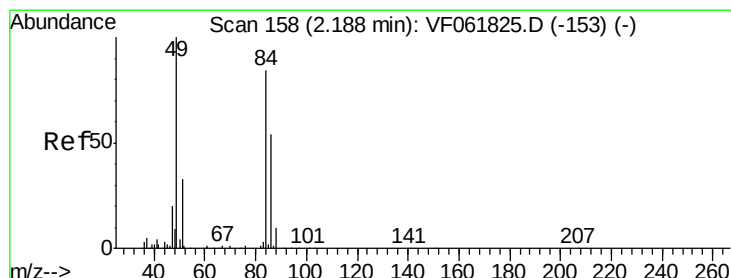
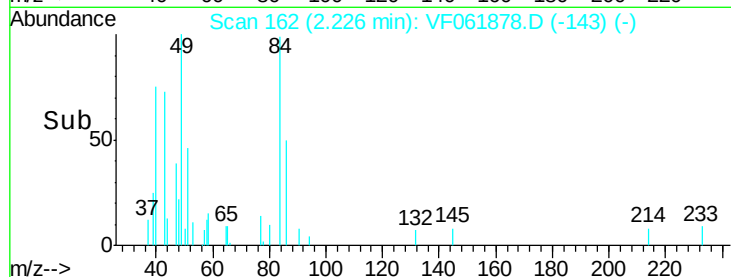
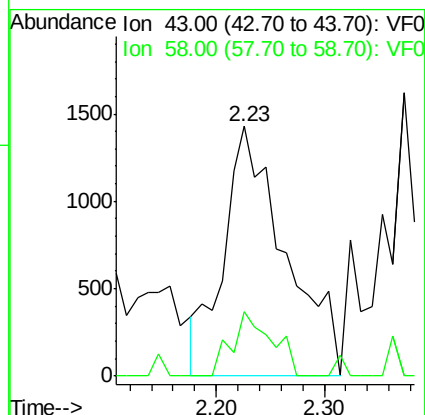
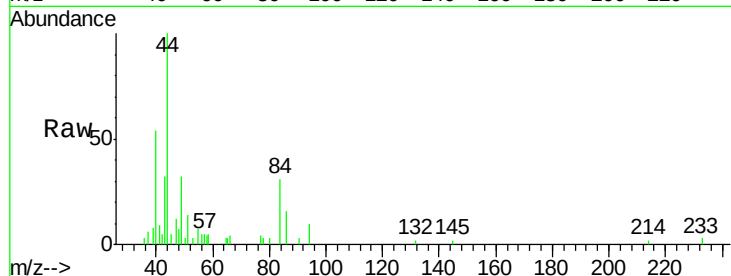
TP-15

Tot Ion: 43 Resp: 5663

Ion Ratio Lower Upper

43 100

58 25.9 20.3 30.5



#20

Methylene Chloride

Concen: Below Cal

RT: 2.18 min Scan# 157

Delta R.T. -0.01 min

Lab File: VF061878.D

Acq: 8 Mar 2019 22:37

Tgt Ion: 84 Resp: 3375

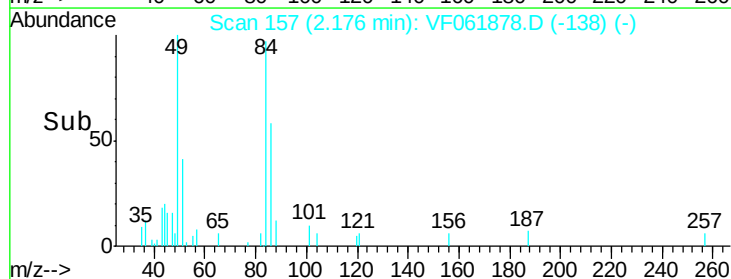
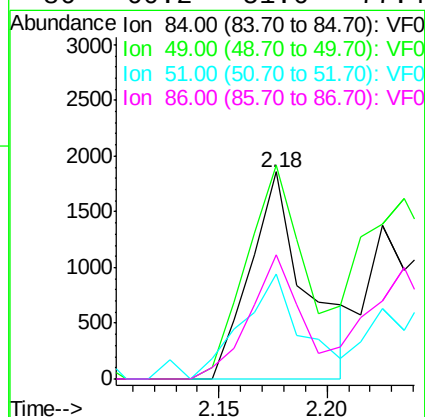
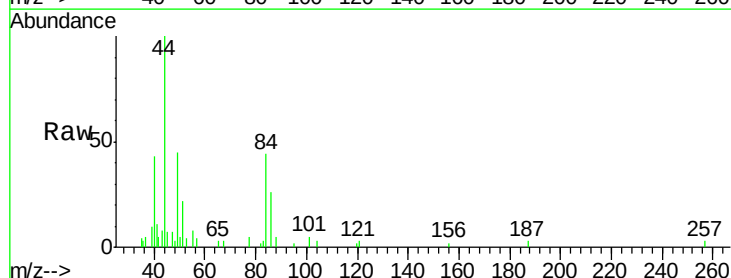
Ion Ratio Lower Upper

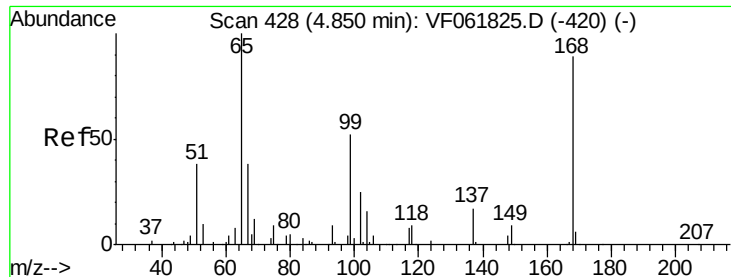
84 100

49 103.2 96.8 145.2

51 50.9 31.8 47.6#

86 60.2 51.6 77.4

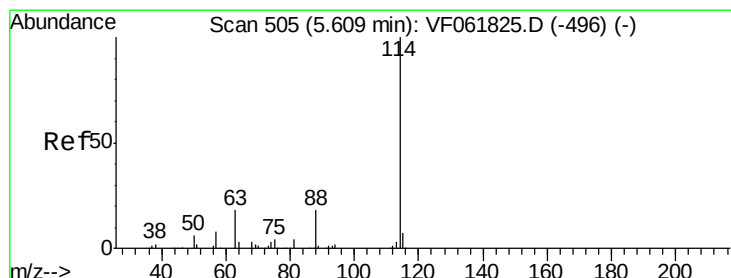
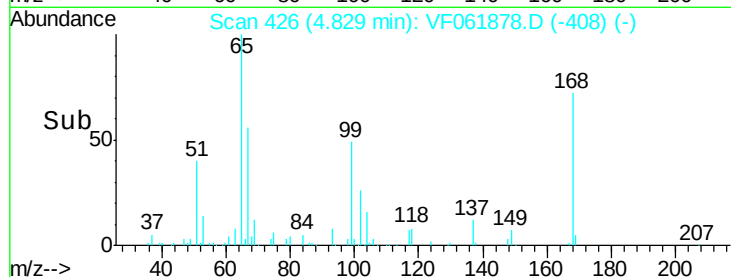
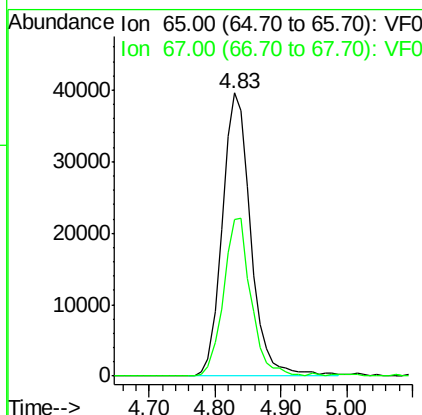
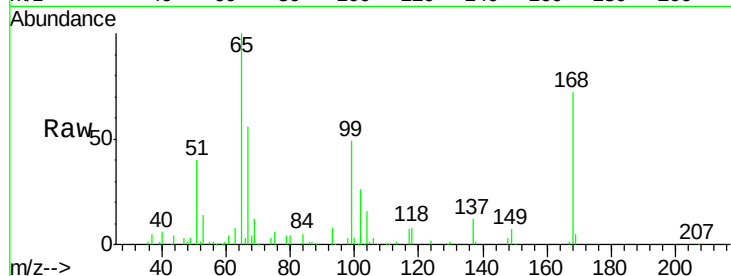




#33
 1,2-Dichloroethane-d4
 Concen: 63.026 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: VF061878.D
 Acq: 8 Mar 2019 22:37

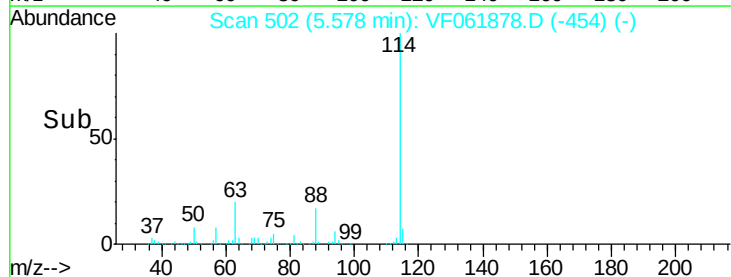
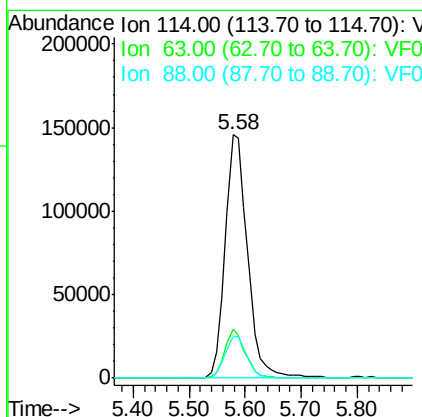
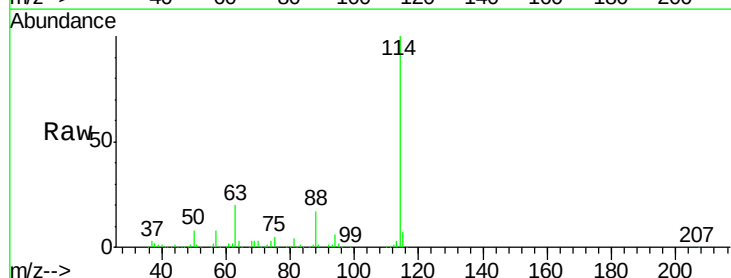
Instrument :
 MSVOA_F
 ClientSampled :
 TP-15

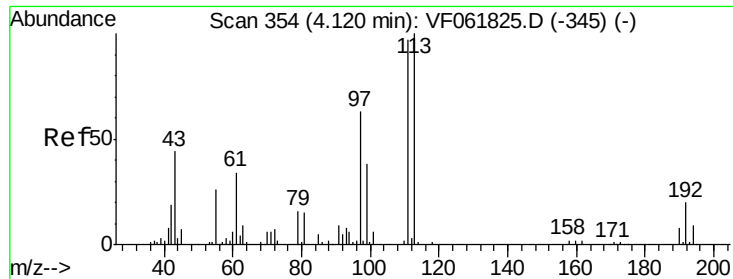
Tot Ion: 65 Resp: 120121
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.03 min
 Lab File: VF061878.D
 Acq: 8 Mar 2019 22:37

Tgt Ion: 114 Resp: 405013
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 35.6
 88 17.0 0.0 35.6

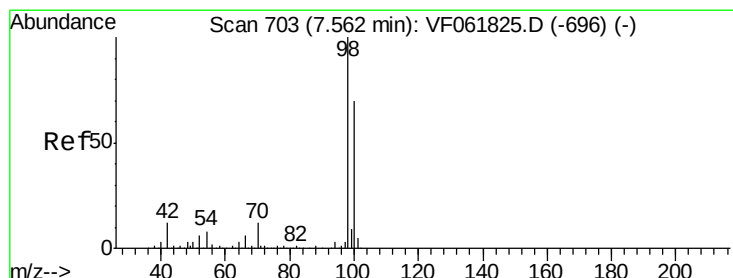
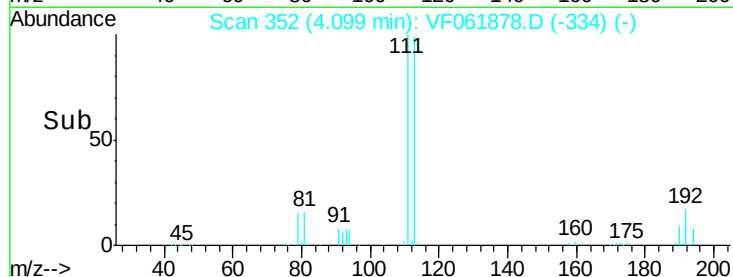
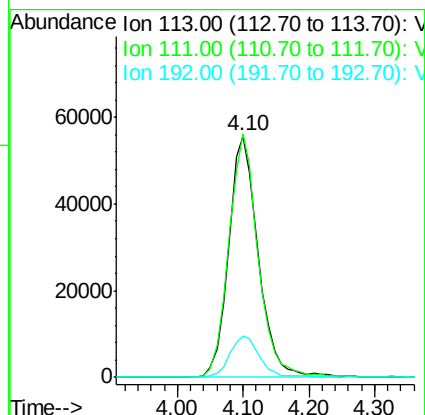
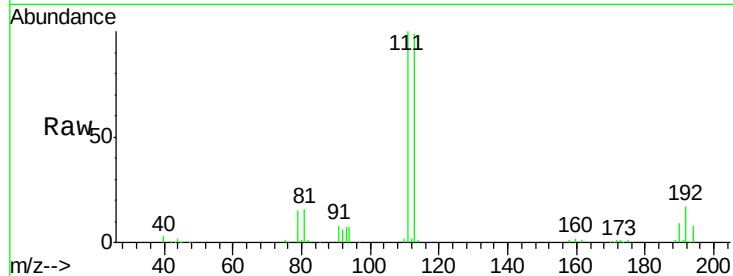




#35
 Dibromofluoromethane
 Concen: 62.168 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: VF061878.D
 Acq: 8 Mar 2019 22:37

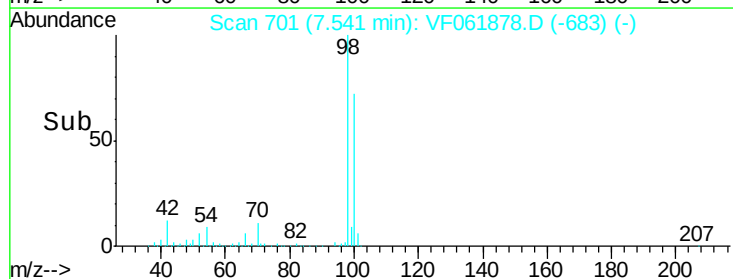
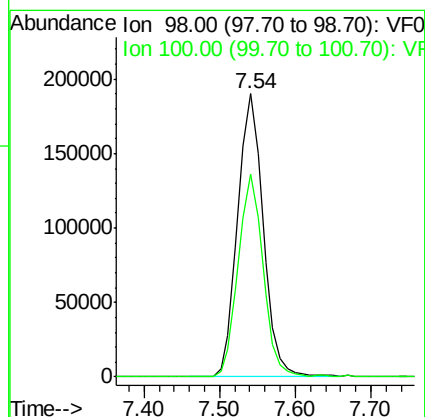
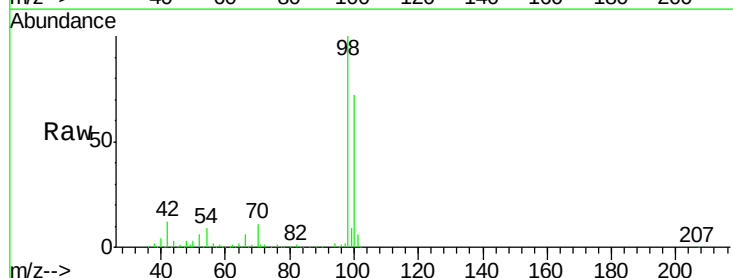
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-15

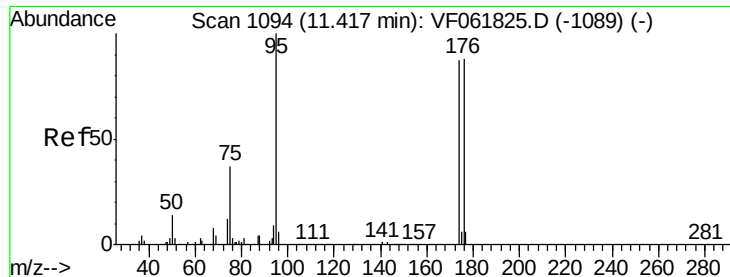
Tot Ion:113 Resp: 175715
 Ion Ratio Lower Upper
 113 100
 111 101.0 77.6 116.4
 192 17.0 15.9 23.9



#50
 Toluene-d8
 Concen: 53.168 ug/l
 RT: 7.54 min Scan# 701
 Delta R.T. -0.02 min
 Lab File: VF061878.D
 Acq: 8 Mar 2019 22:37

Tgt Ion: 98 Resp: 446665
 Ion Ratio Lower Upper
 98 100
 100 71.5 56.0 84.0





#62

4-Bromofluorobenzene

Concen: 59.513 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061878.D

Acq: 8 Mar 2019 22:37

Instrument :

MSVOA_F

ClientSampled :

TP-15

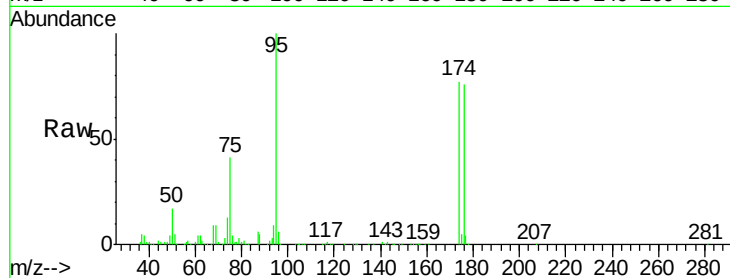
Tot Ion: 95 Resp: 195851

Ion Ratio Lower Upper

95 100

174 76.8 0.0 174.0

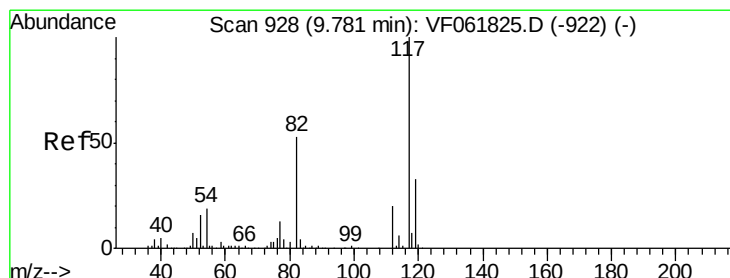
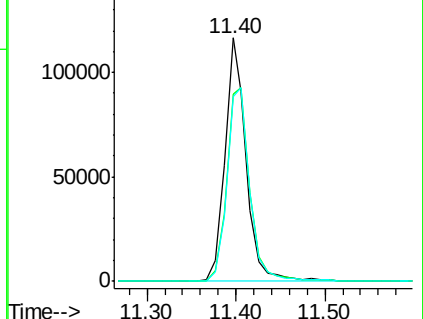
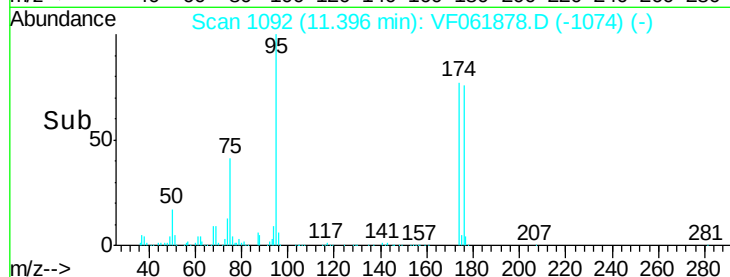
176 75.7 0.0 175.2



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.02 min

Lab File: VF061878.D

Acq: 8 Mar 2019 22:37

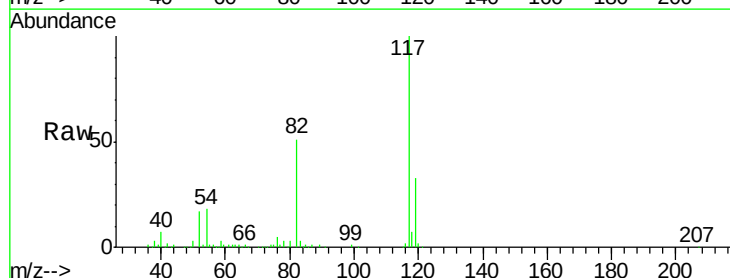
Tgt Ion: 117 Resp: 358609

Ion Ratio Lower Upper

117 100

82 51.1 42.6 63.8

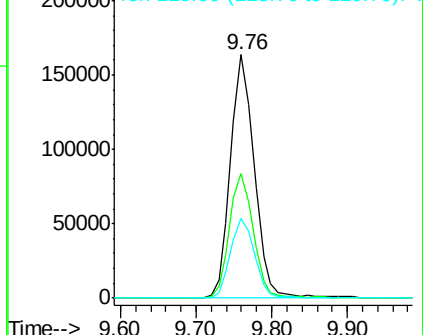
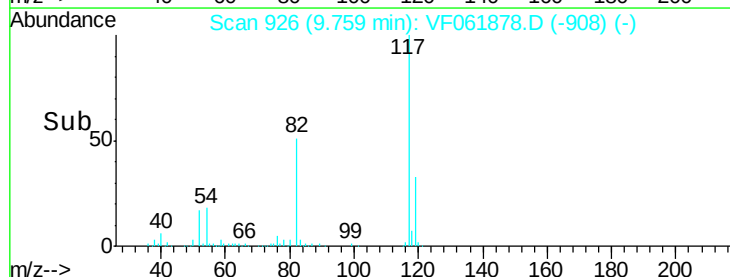
119 32.9 26.0 39.0

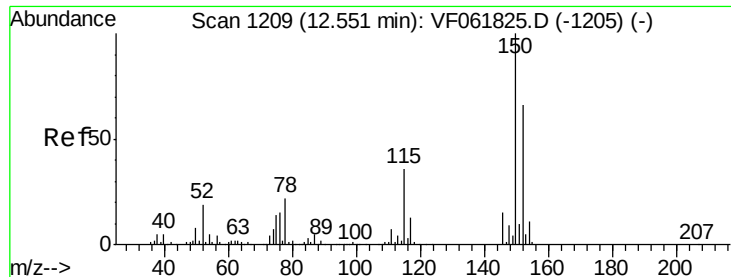


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF061878.D

Acq: 8 Mar 2019 22:37

Instrument :

MSVOA_F

ClientSampled :

TP-15

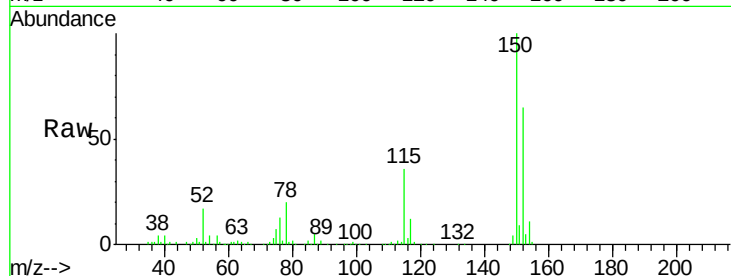
Tot Ion:152 Resp: 205223

Ion Ratio Lower Upper

152 100

115 55.1 27.7 83.1

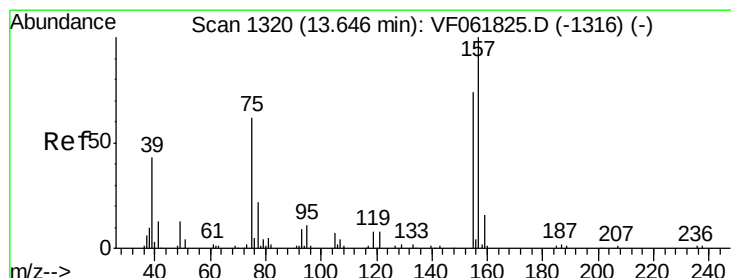
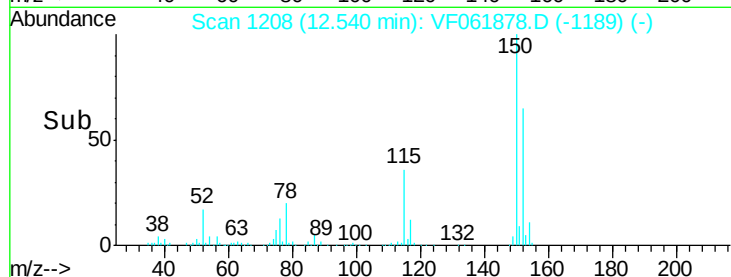
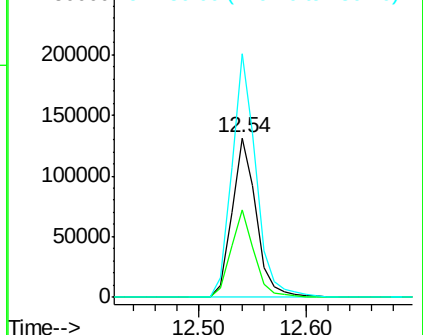
150 153.0 0.0 304.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.919 ug/l

RT: 13.62 min Scan# 1318

Delta R.T. -0.02 min

Lab File: VF061878.D

Acq: 8 Mar 2019 22:37

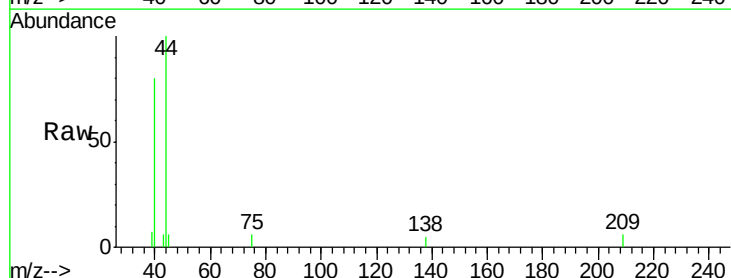
Tgt Ion: 75 Resp: 67

Ion Ratio Lower Upper

75 100

155 0.0 59.8 179.4#

157 0.0 81.2 243.4#



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

