

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082318\
 Data File : VF060063.D
 Acq On : 23 Aug 2018 19:52
 Operator : VA/AP
 Sample : J4581-05
 Misc : 5.51g/5mL/MSVOA F/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-B1

Quant Time: Aug 24 03:58:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	176932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	273304	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	314202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	183252	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	136688	56.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.90%	
35) Dibromofluoromethane	4.30	113	120369	56.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.18%	
50) Toluene-d8	7.71	98	302783	49.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.52	95	161001	49.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.86%	

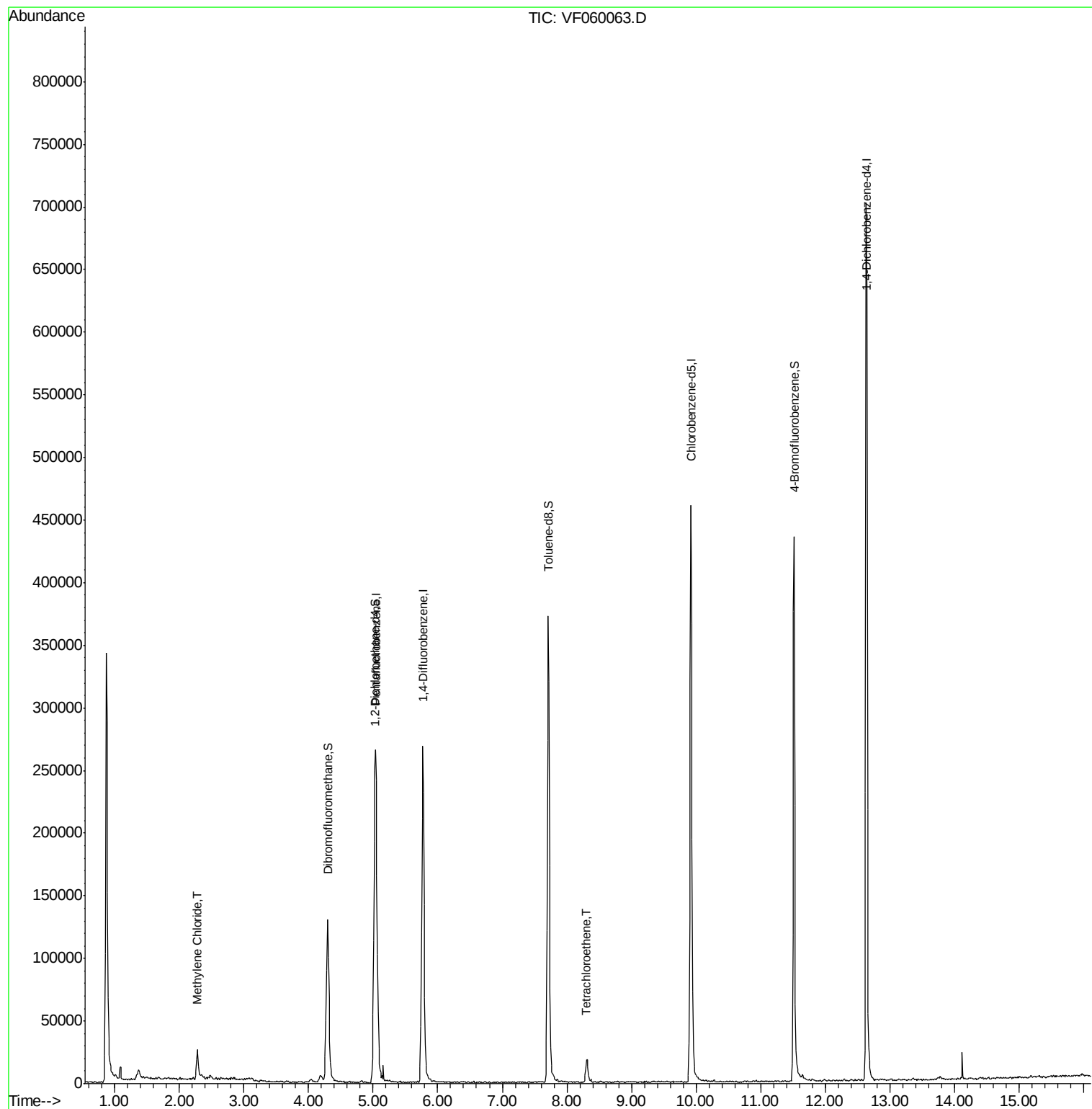
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.28	84	9545	2.77	ug/l	98
64) Tetrachloroethene	8.30	164	5153	2.43	ug/l	# 83

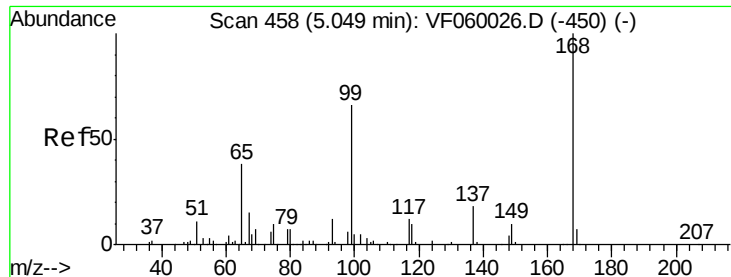
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.00 min

Lab File: VF060063.D

Acq: 23 Aug 2018 19:52

Instrument :

MSVOA_F

ClientSampleId :

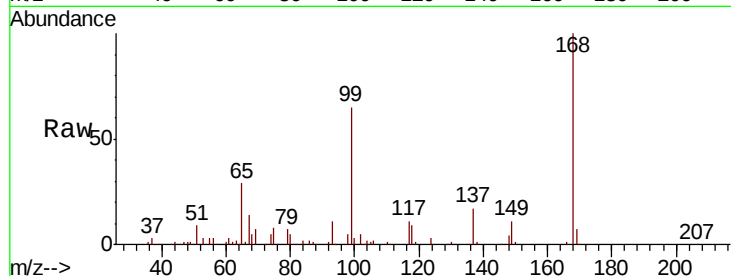
EP1-Q3-B1

Tot Ion:168 Resp: 176932

Ion Ratio Lower Upper

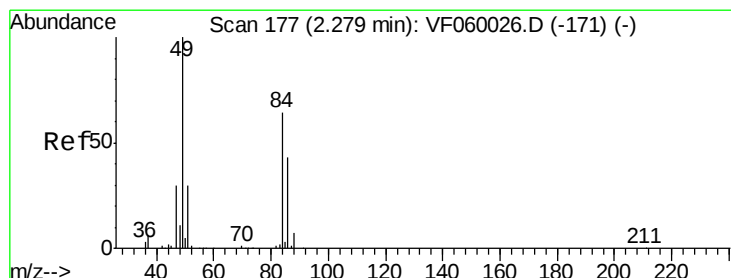
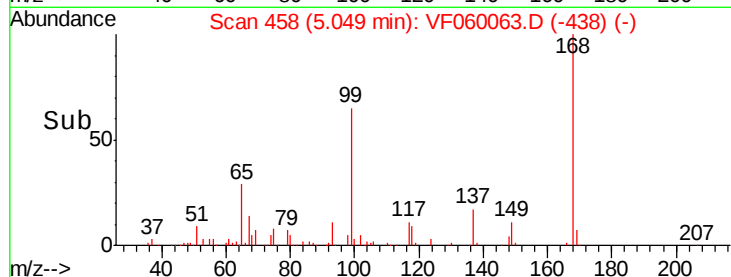
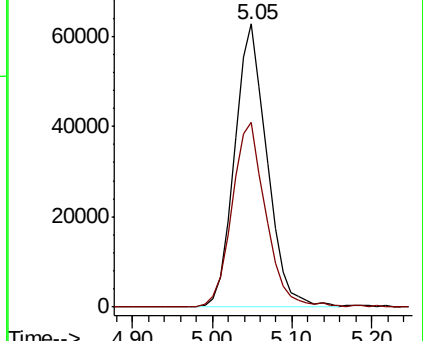
168 100

99 65.4 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 2.77 ug/l

RT: 2.28 min Scan# 177

Delta R.T. 0.00 min

Lab File: VF060063.D

Acq: 23 Aug 2018 19:52

Tgt Ion: 84 Resp: 9545

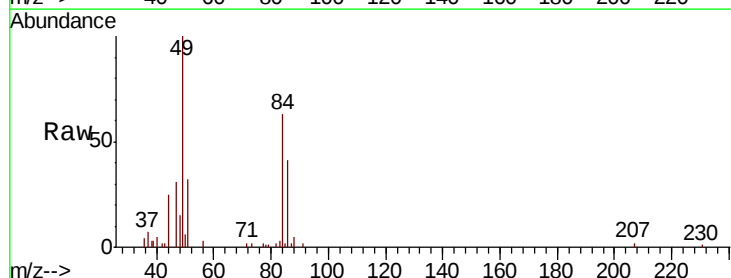
Ion Ratio Lower Upper

84 100

49 158.0 125.4 188.0

51 50.8 38.3 57.5

86 64.2 53.3 79.9

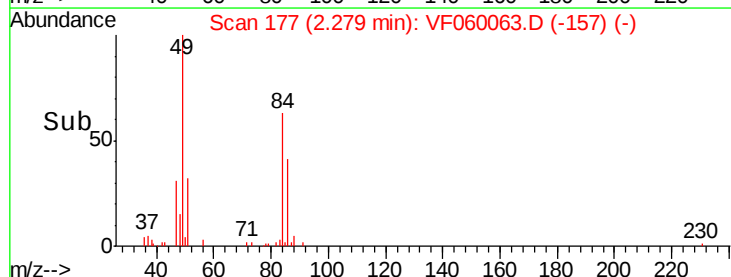
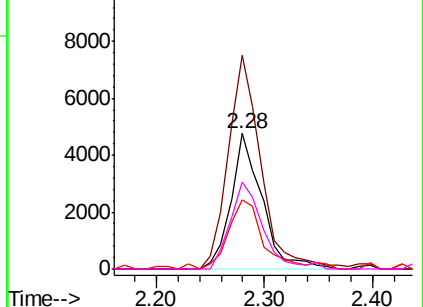


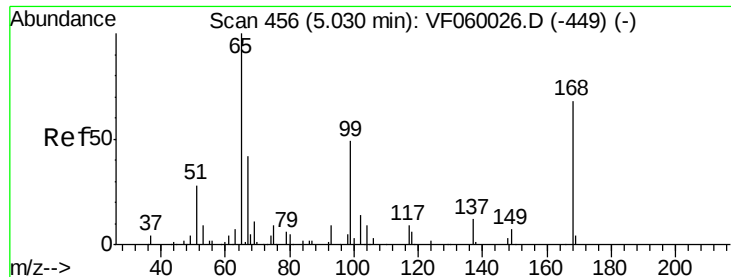
Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

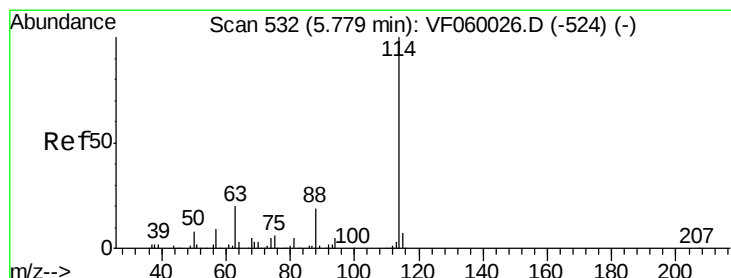
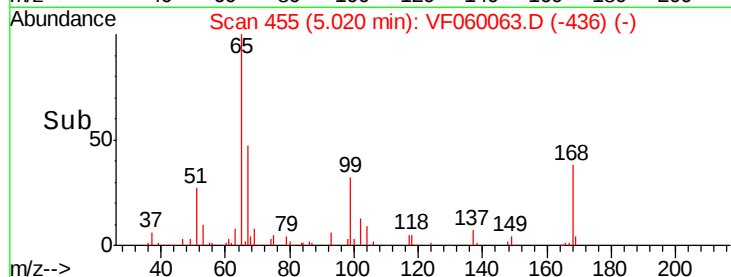
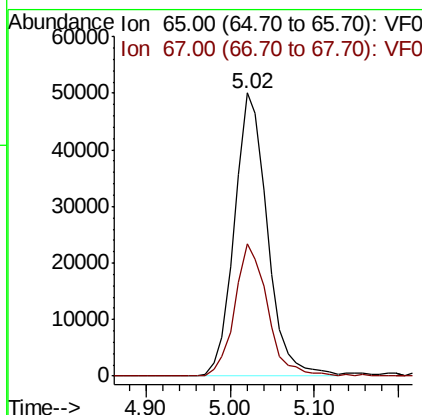
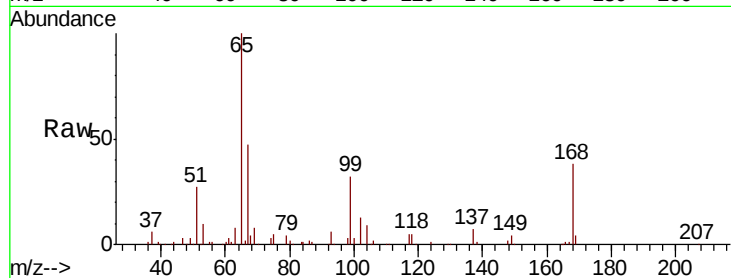




#33
 1,2-Dichloroethane-d4
 Concen: 56.45 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: VF060063.D
 Acq: 23 Aug 2018 19:52

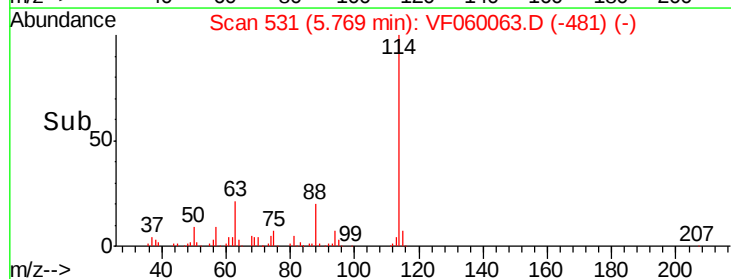
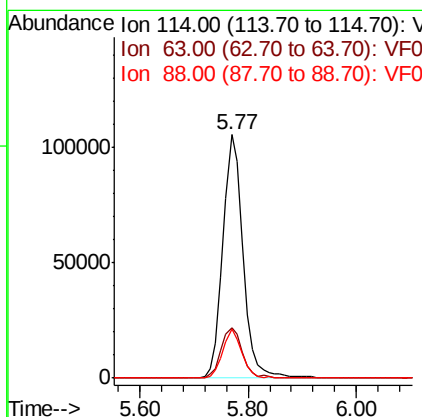
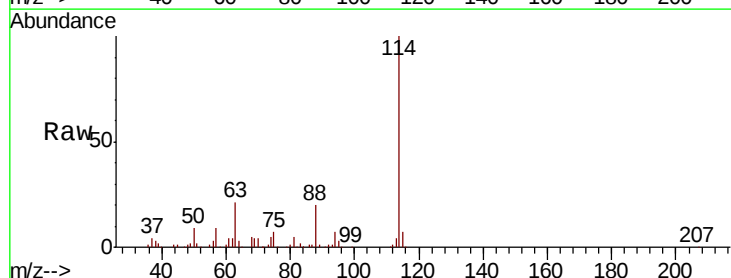
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-B1

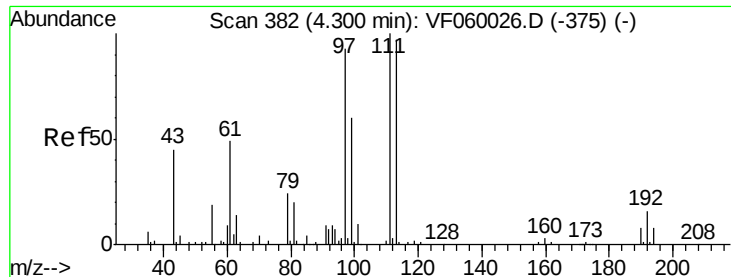
Tot Ion: 65 Resp: 136688
 Ion Ratio Lower Upper
 65 100
 67 46.8 0.0 92.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VF060063.D
 Acq: 23 Aug 2018 19:52

Tgt Ion: 114 Resp: 273304
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.4
 88 20.0 0.0 38.6

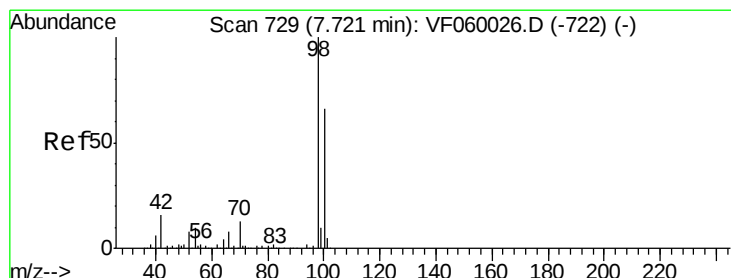
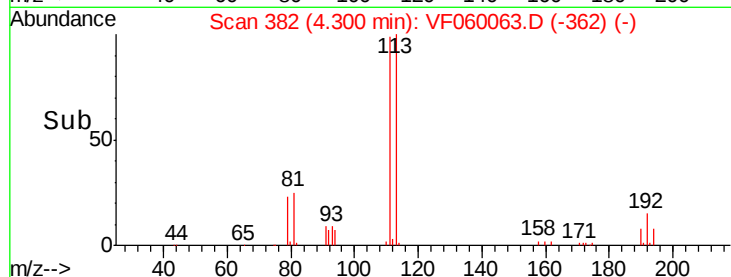
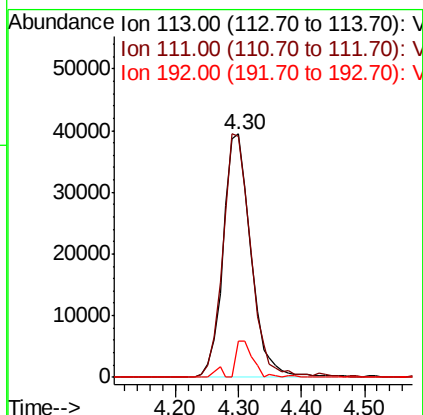
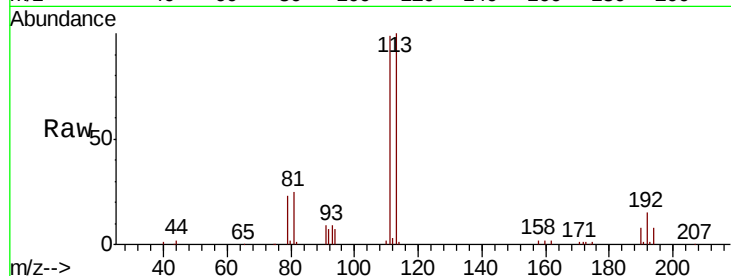




#35
 Dibromofluoromethane
 Concen: 56.09 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VF060063.D
 Acq: 23 Aug 2018 19:52

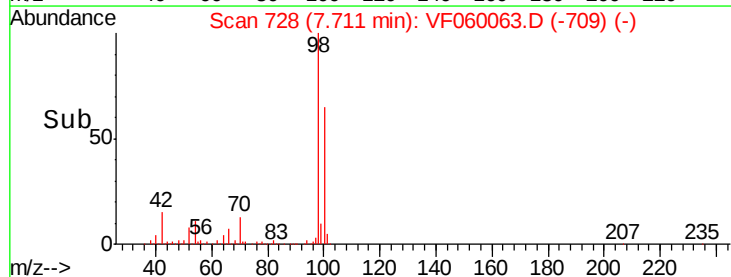
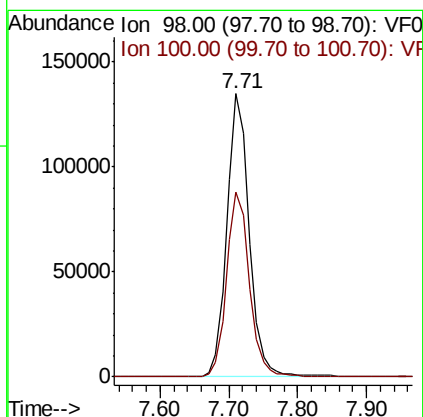
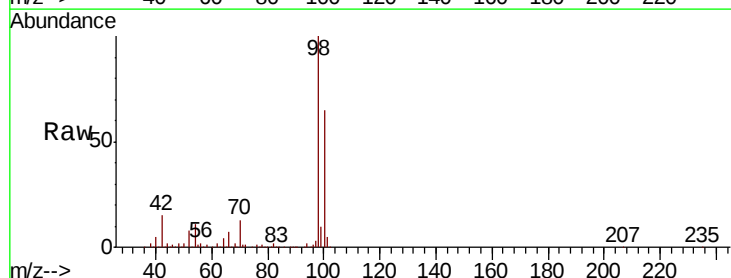
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-B1

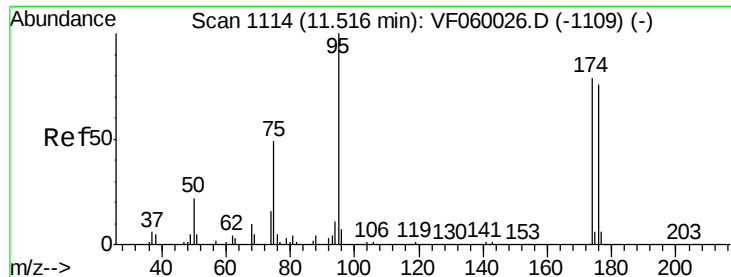
Tot Ion:113 Resp: 120369
 Ion Ratio Lower Upper
 113 100
 111 99.1 82.7 124.1
 192 15.1 13.0 19.4



#50
 Toluene-d8
 Concen: 49.68 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: VF060063.D
 Acq: 23 Aug 2018 19:52

Tgt Ion: 98 Resp: 302783
 Ion Ratio Lower Upper
 98 100
 100 65.3 53.2 79.8





#62

4-Bromofluorobenzene

Concen: 49.93 ug/l

RT: 11.52 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VF060063.D

Acq: 23 Aug 2018 19:52

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-B1

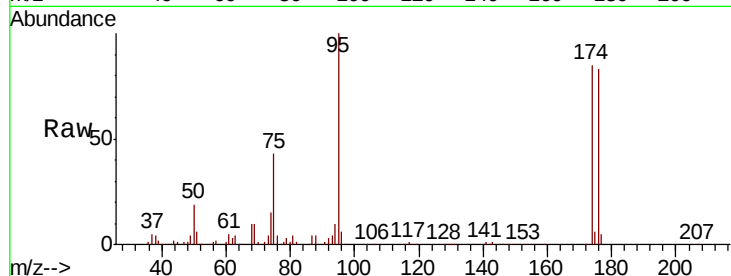
Tot Ion: 95 Resp: 161001

Ion Ratio Lower Upper

95 100

174 85.3 0.0 158.4

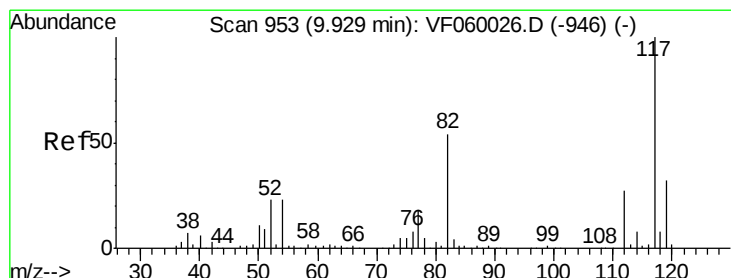
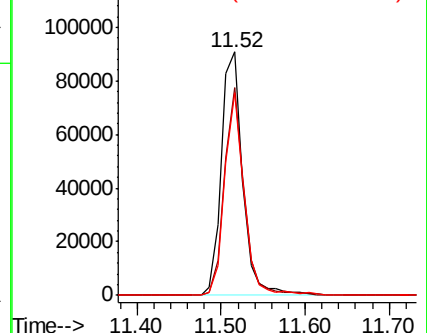
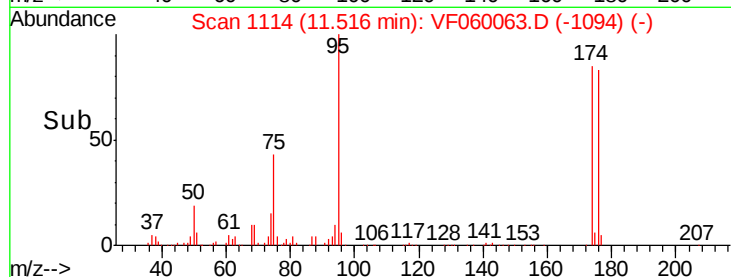
176 83.3 0.0 153.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.92 min Scan# 952

Delta R.T. -0.01 min

Lab File: VF060063.D

Acq: 23 Aug 2018 19:52

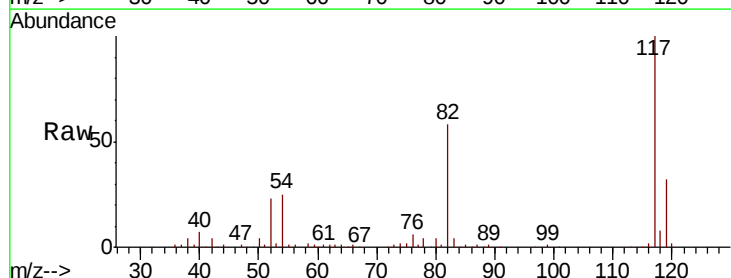
Tgt Ion: 117 Resp: 314202

Ion Ratio Lower Upper

117 100

82 57.6 43.6 65.4

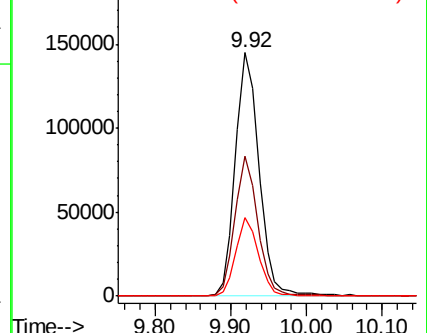
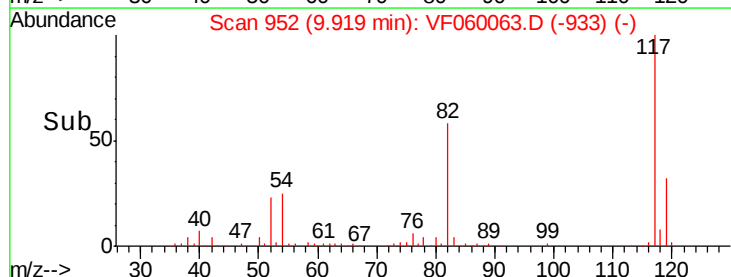
119 32.5 25.6 38.4

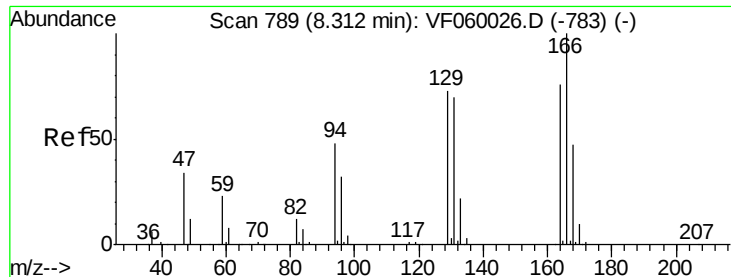


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#64

Tetrachloroethene

Concen: 2.43 ug/l

RT: 8.30 min Scan# 788

Delta R.T. -0.01 min

Lab File: VF060063.D

Acq: 23 Aug 2018 19:52

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-B1

Tot Ion:164 Resp: 5153

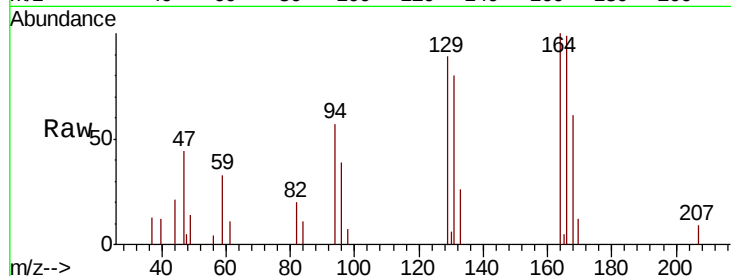
Ion Ratio Lower Upper

164 100

166 99.4 104.7 157.1#

129 88.8 77.0 115.4

131 80.0 72.9 109.3

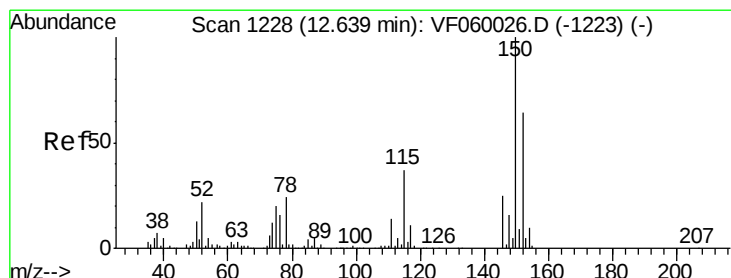
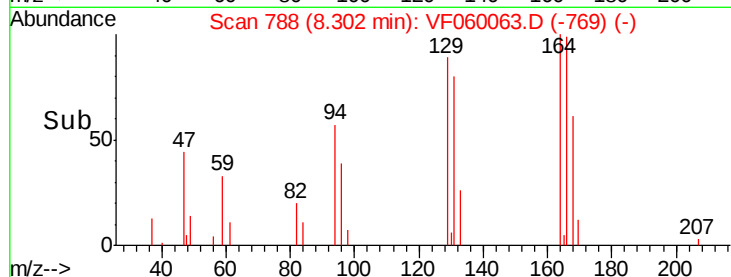
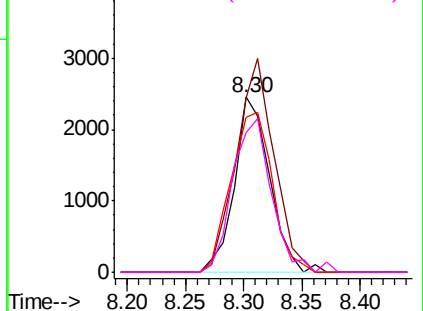


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VF060063.D

Acq: 23 Aug 2018 19:52

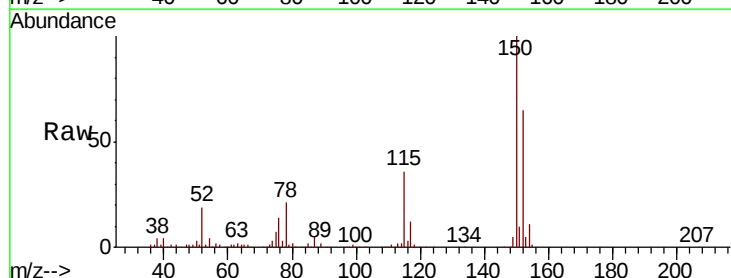
Tgt Ion:152 Resp: 183252

Ion Ratio Lower Upper

152 100

115 55.8 28.6 85.9

150 153.3 0.0 312.0



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

