

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060125.D
 Acq On : 27 Aug 2018 15:19
 Operator : VA/AP
 Sample : J4646-07
 Misc : 5.69g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-B6

Quant Time: Aug 27 16:25:26 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	5.03	168	165409	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	224391	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	207543	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	116352	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	65804	29.07	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	58.14%	
35) Dibromofluoromethane	4.27	113	73156	41.52	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	83.04%	
50) Toluene-d8	7.70	98	211630	42.29	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	84.58%	
62) 4-Bromofluorobenzene	11.51	95	94583	35.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	71.46%	

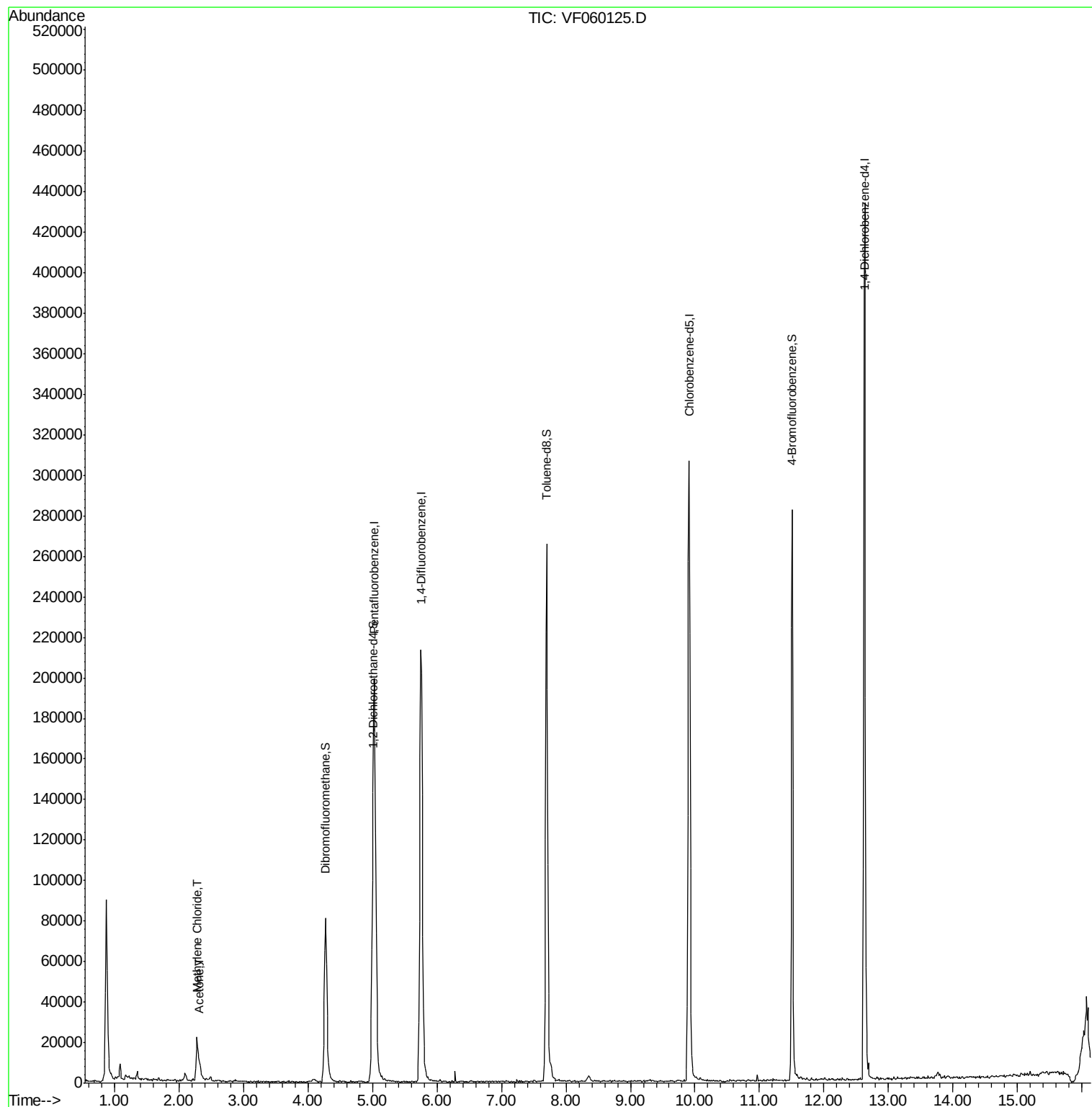
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	6049	10.17	ug/l	# 89
20) Methylene Chloride	2.28	84	12176	5.87	ug/l	90

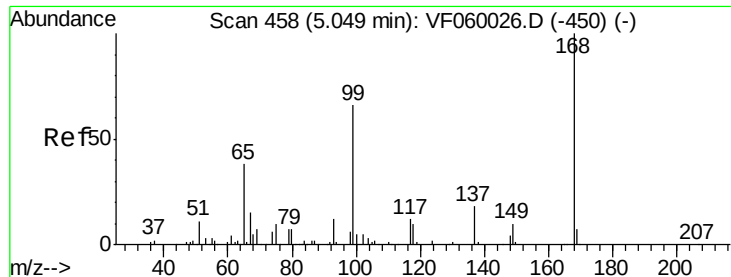
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.02 min

Lab File: VF060125.D

Acq: 27 Aug 2018 15:19

Instrument :

MSVOA_F

ClientSampleId :

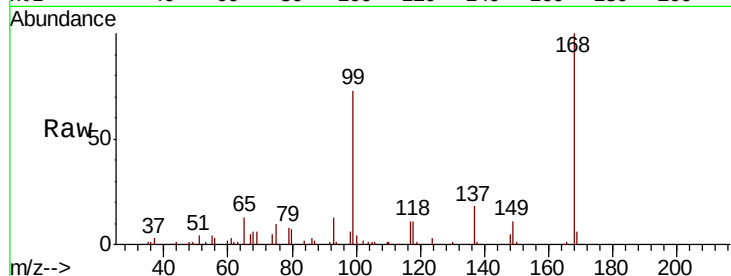
EP1-Q4-B6

Tot Ion:168 Resp: 165409

Ion Ratio Lower Upper

168 100

99 72.8 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

60000

50000

40000

30000

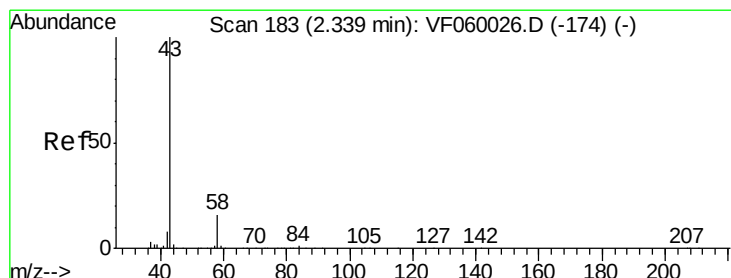
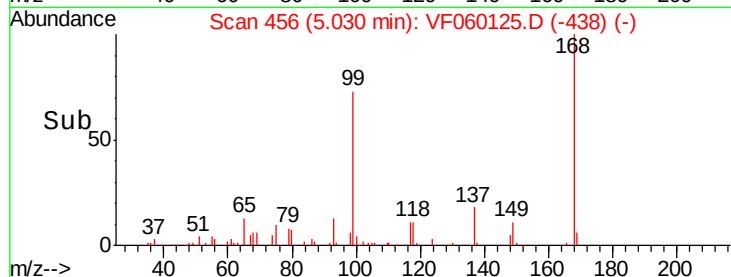
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 10.17 ug/l

RT: 2.32 min Scan# 181

Delta R.T. -0.02 min

Lab File: VF060125.D

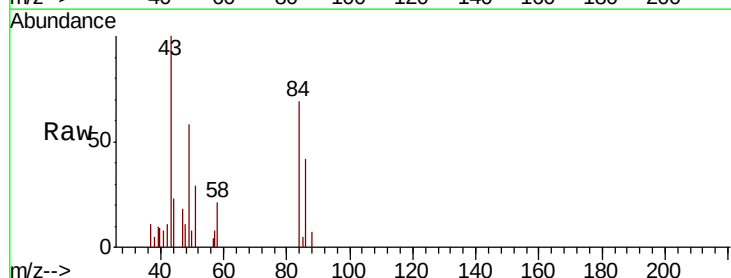
Acq: 27 Aug 2018 15:19

Tgt Ion: 43 Resp: 6049

Ion Ratio Lower Upper

43 100

58 20.6 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

2500

2000

1500

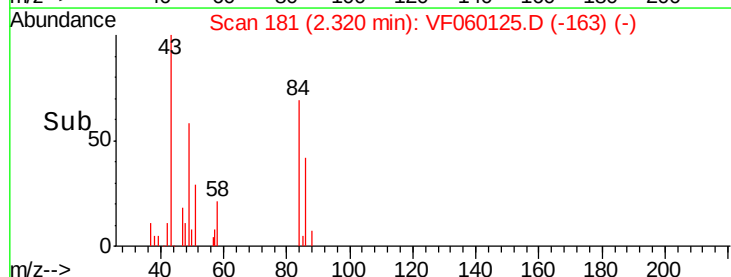
1000

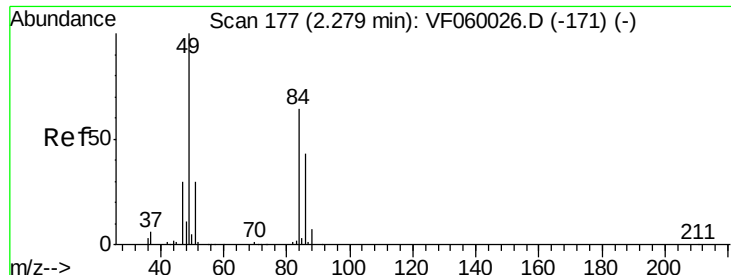
500

0

Time-->

2.25 2.30 2.35 2.40

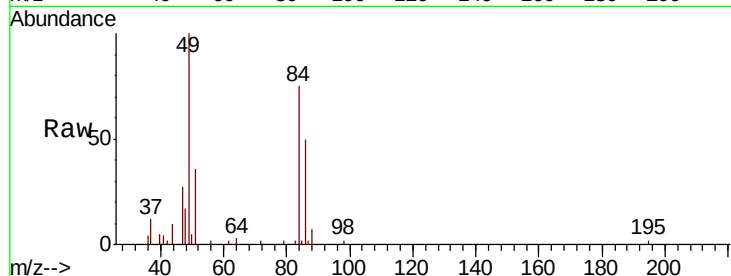




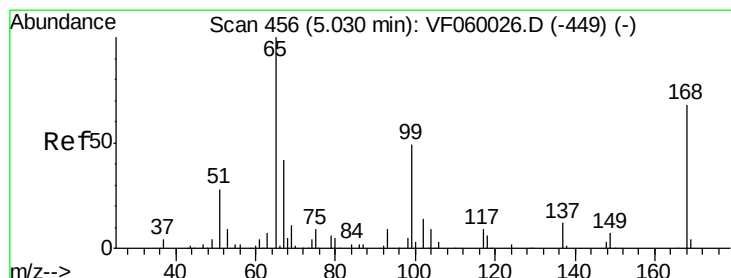
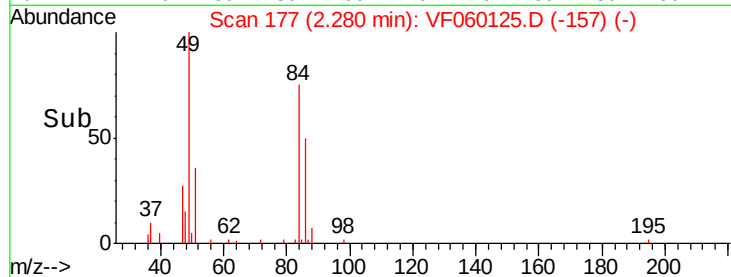
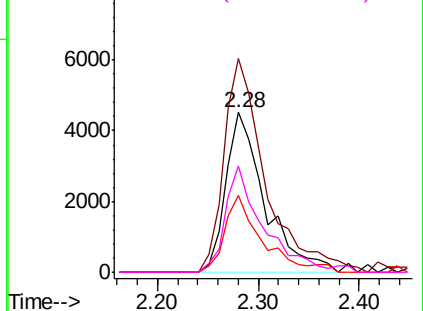
#20
Methylene Chloride
Concen: 5.87 ug/l
RT: 2.28 min Scan# 177
Delta R.T. 0.00 min
Lab File: VF060125.D
Acq: 27 Aug 2018 15:19

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B6

Tot Ion:	84	Resp:	12176
Ion	Ratio	Lower	Upper
84	100		
49	133.8	125.4	188.0
51	48.3	38.3	57.5
86	66.9	53.3	79.9

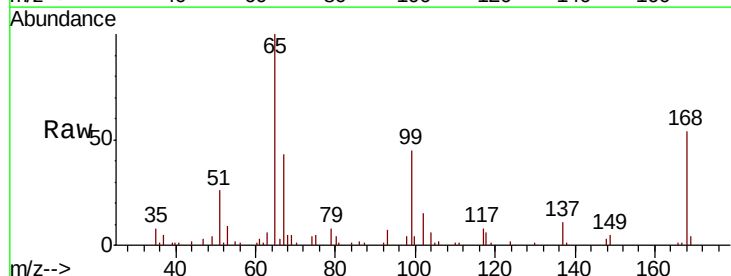


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

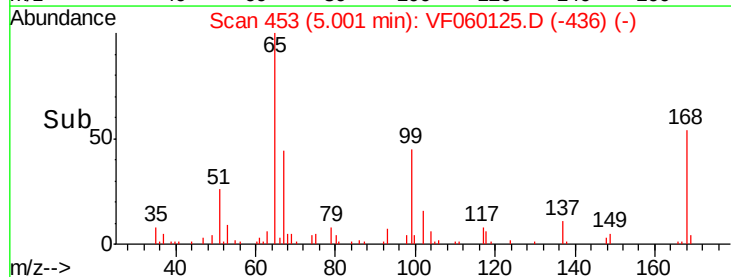
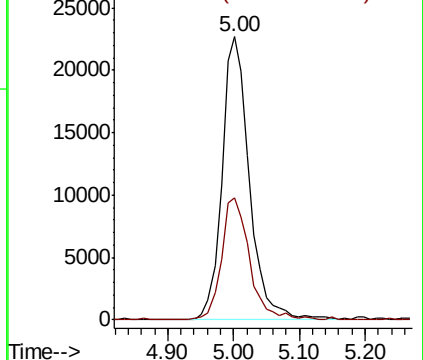


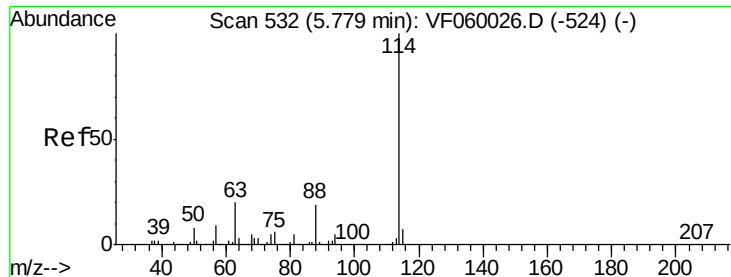
#33
1,2-Dichloroethane-d4
Concen: 29.07 ug/l
RT: 5.00 min Scan# 453
Delta R.T. -0.03 min
Lab File: VF060125.D
Acq: 27 Aug 2018 15:19

Tgt Ion:	65	Resp:	65804
Ion	Ratio	Lower	Upper
65	100		
67	43.2	0.0	92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0
Ion 67.00 (66.70 to 67.70): VF0

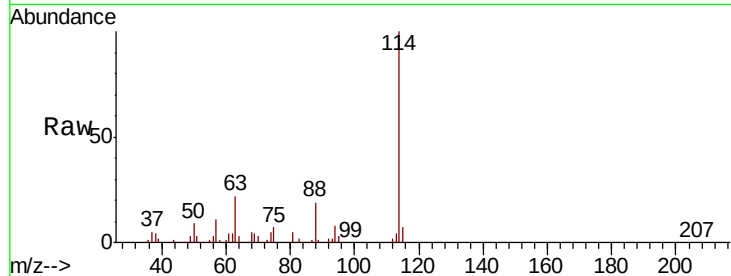




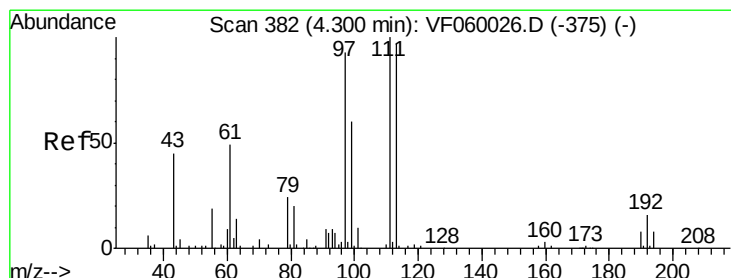
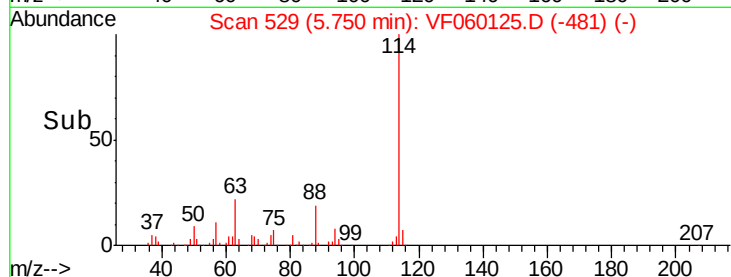
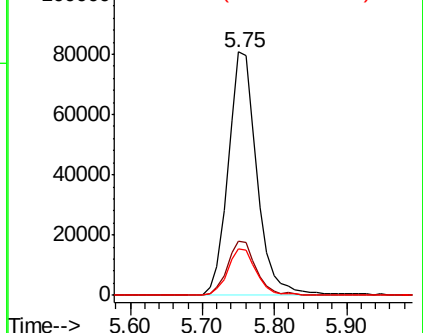
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VF060125.D
 Acq: 27 Aug 2018 15:19

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-B6

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	40.4
88	19.3	0.0	38.6

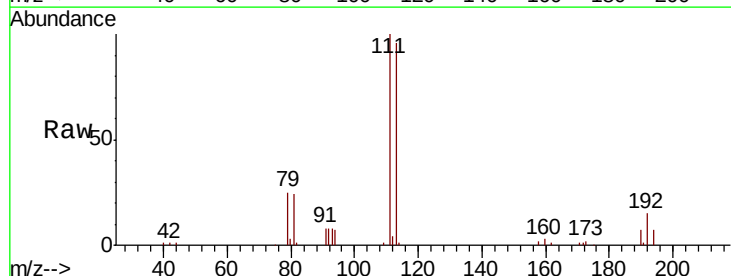


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

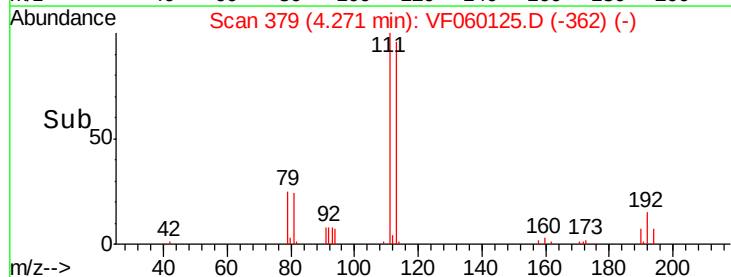
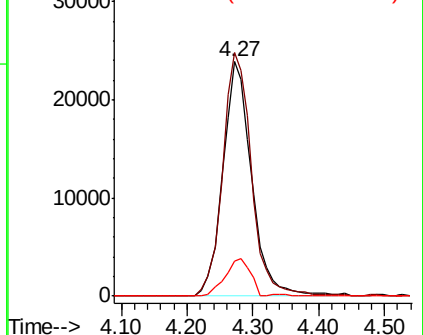


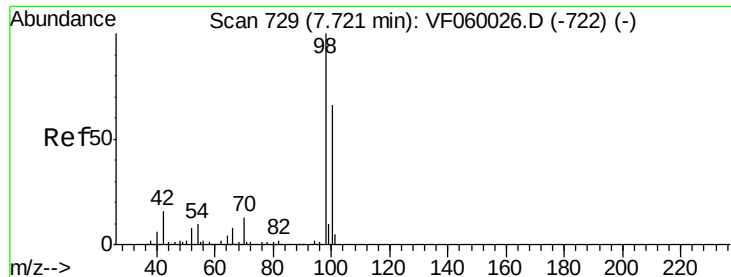
#35
 Dibromofluoromethane
 Concen: 41.52 ug/l
 RT: 4.27 min Scan# 379
 Delta R.T. -0.03 min
 Lab File: VF060125.D
 Acq: 27 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.7	124.1
192	15.1	13.0	19.4



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

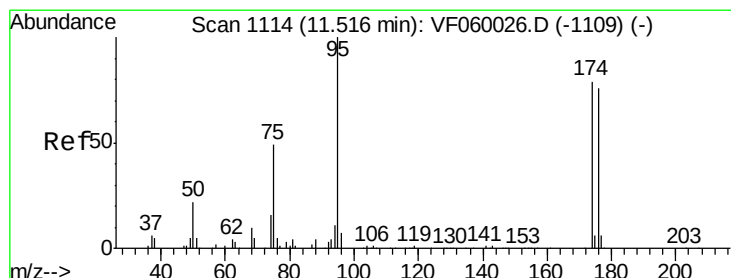
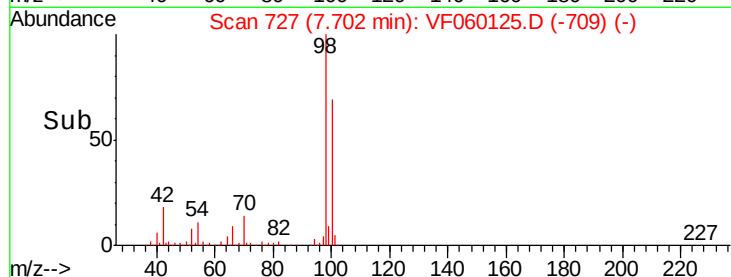
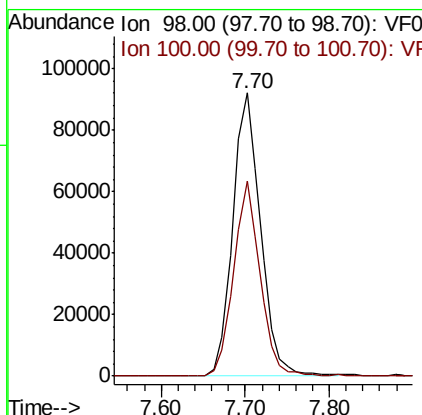
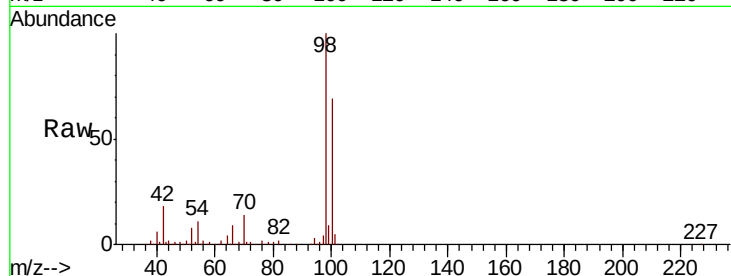




#50
Toluene-d8
Concen: 42.29 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060125.D
Acq: 27 Aug 2018 15:19

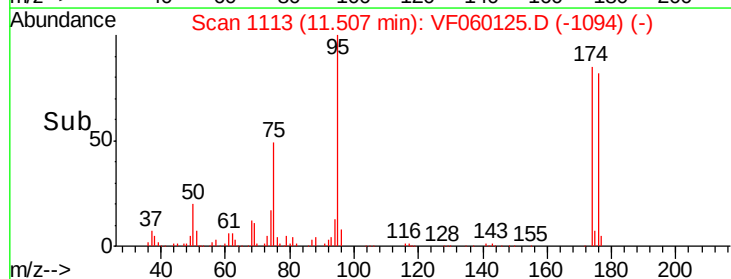
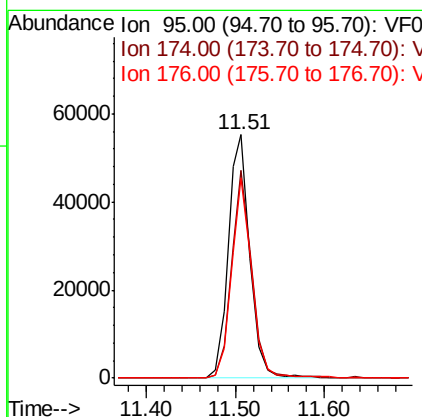
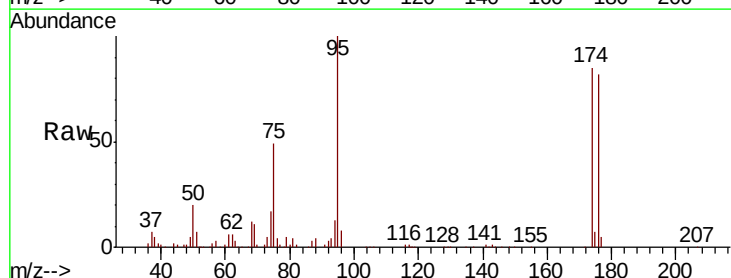
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B6

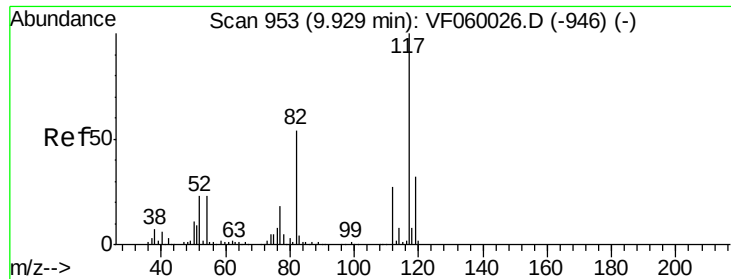
Tot Ion: 98 Resp: 211630
Ion Ratio Lower Upper
98 100
100 68.9 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 35.73 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060125.D
Acq: 27 Aug 2018 15:19

Tgt Ion: 95 Resp: 94583
Ion Ratio Lower Upper
95 100
174 85.1 0.0 158.4
176 82.1 0.0 153.0

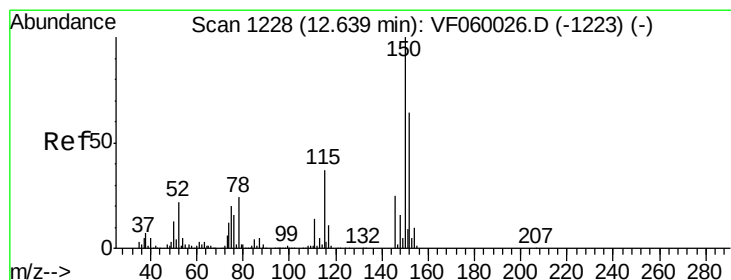
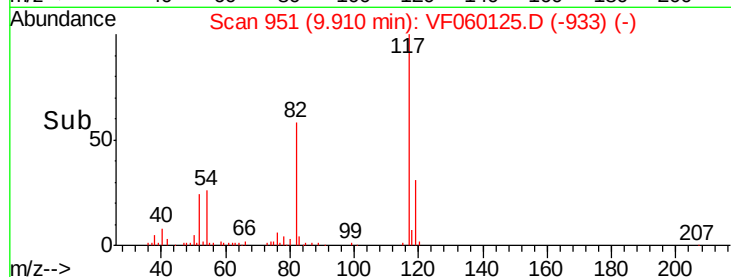
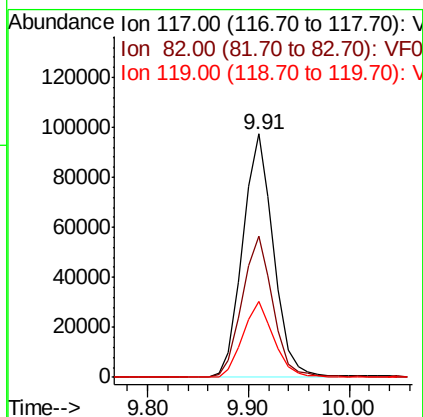
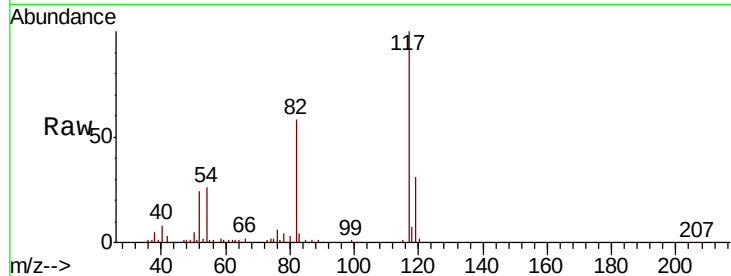




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060125.D
Acq: 27 Aug 2018 15:19

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-B6

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	43.6	65.4
119	31.0	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060125.D
Acq: 27 Aug 2018 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.6	85.9
150	156.3	0.0	312.0

