

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060132.D
 Acq On : 27 Aug 2018 18:34
 Operator : VA/AP
 Sample : J4646-15
 Misc : 5.51g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-FD01

Quant Time: Aug 28 14:07:46 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	125532	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	167721	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	148837	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	74540	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.99	65	43075	25.07	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	50.14%	
35) Dibromofluoromethane	4.28	113	50759	38.54	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	77.08%	
50) Toluene-d8	7.70	98	143437	38.35	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	76.70%	
62) 4-Bromofluorobenzene	11.50	95	58682	29.66	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	59.32%	

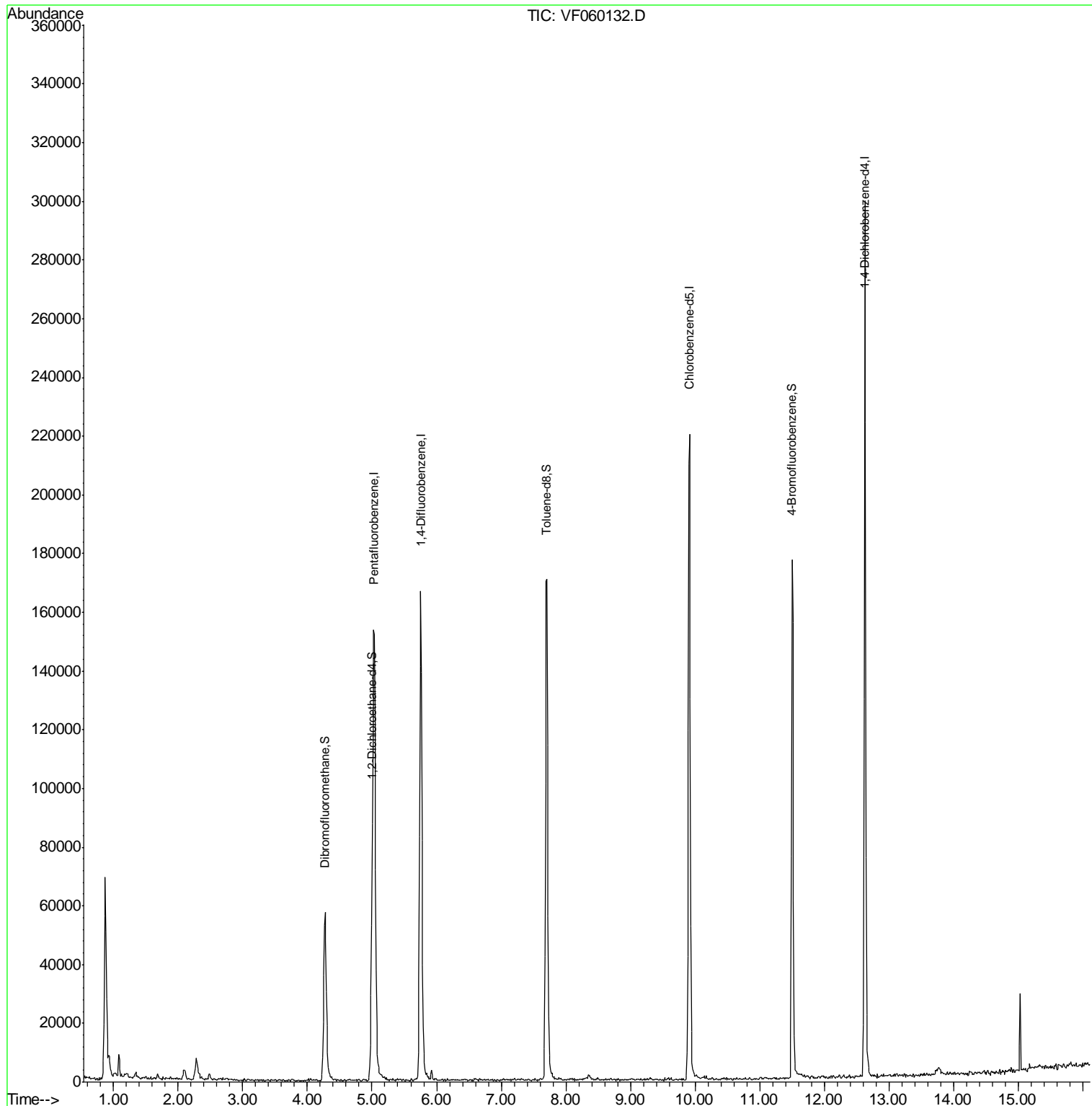
Target Compounds Qvalue

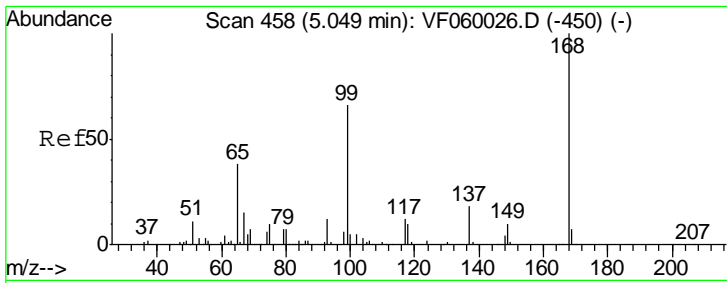
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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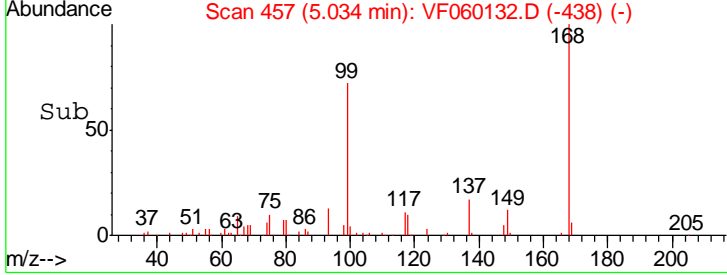
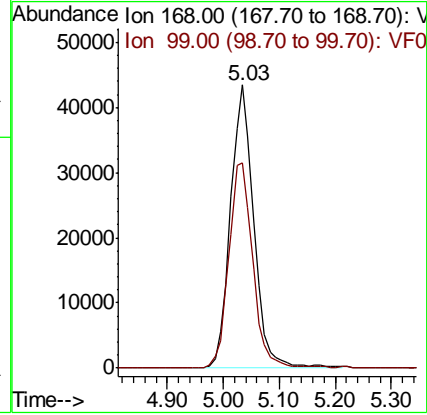
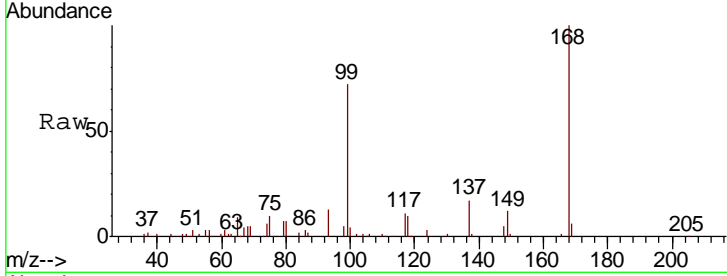




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.03 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: VF060132.D
 Acq: 27 Aug 2018 18:34

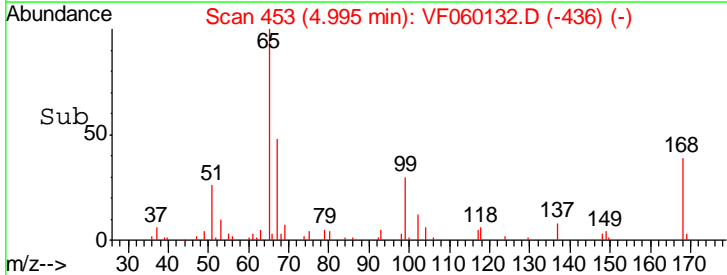
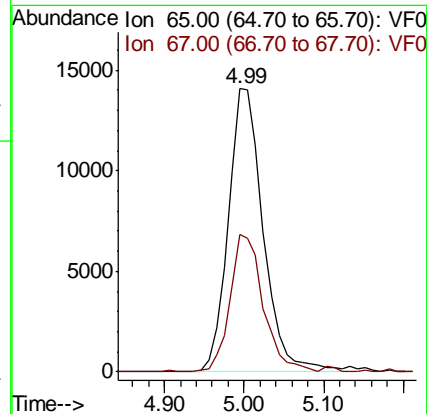
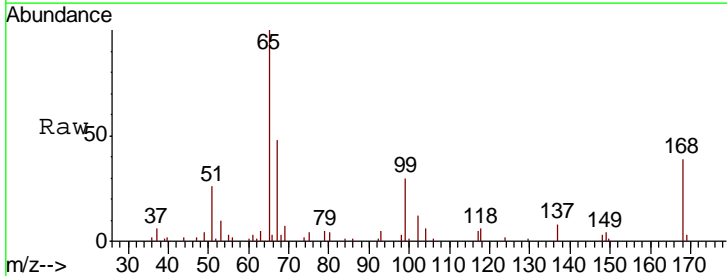
Instrument :
 MSVOA_F
ClientSampled :
 EP1-Q4-FD01

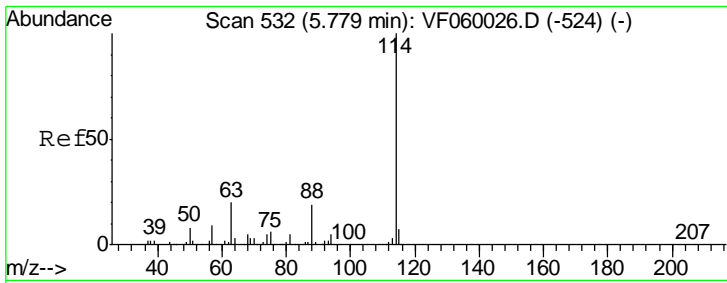
Tgt Ion	Resp	Lower	Upper
168	125532		
99	72.5	52.6	79.0



#33
 1,2-Dichloroethane-d4
 Concen: 25.07 ug/l
 RT: 4.99 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: VF060132.D
 Acq: 27 Aug 2018 18:34

Tgt Ion	Resp	Lower	Upper
65	43075		
67	48.4	0.0	92.0

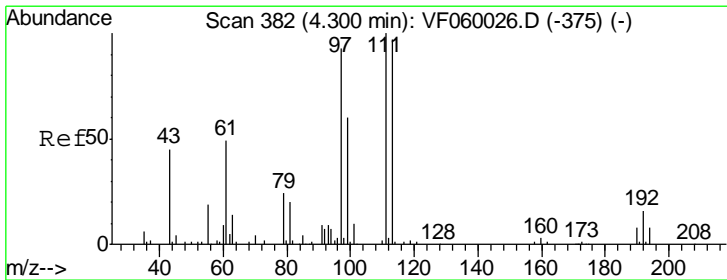
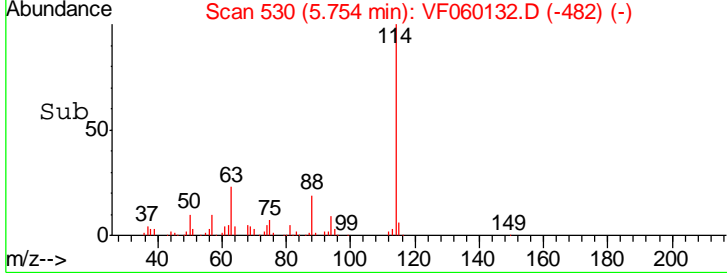
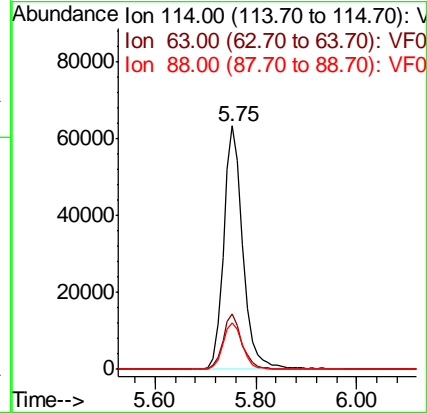
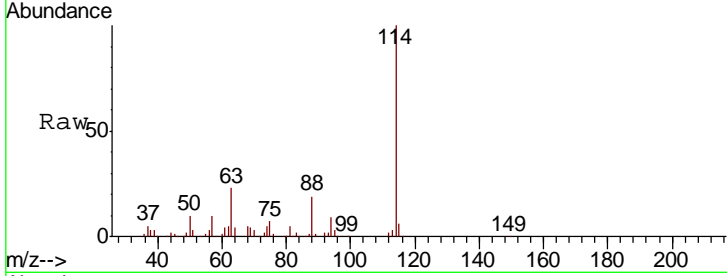




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.03 min
 Lab File: VF060132.D
 Acq: 27 Aug 2018 18:34

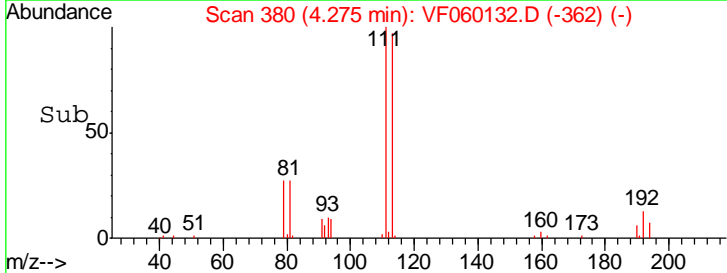
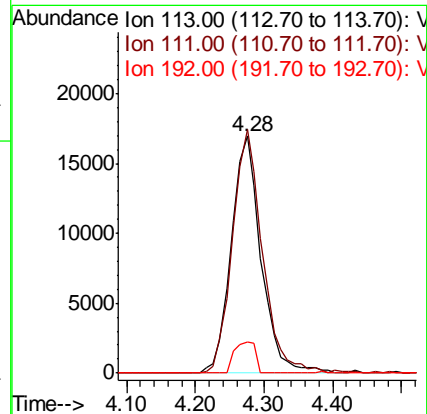
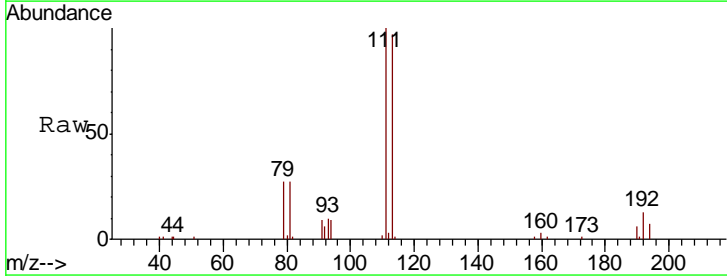
Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-FD01

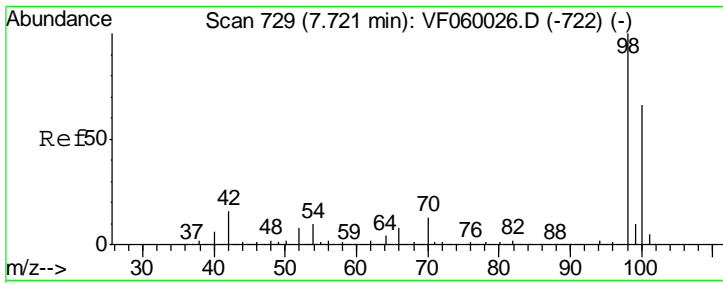
Tgt Ion	Resp	Lower	Upper
114	167721		
63	22.8	0.0	40.4
88	19.4	0.0	38.6



#35
 Dibromofluoromethane
 Concen: 38.54 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.03 min
 Lab File: VF060132.D
 Acq: 27 Aug 2018 18:34

Tgt Ion	Resp	Lower	Upper
113	50759		
111	102.9	82.7	124.1
192	13.1	13.0	19.4

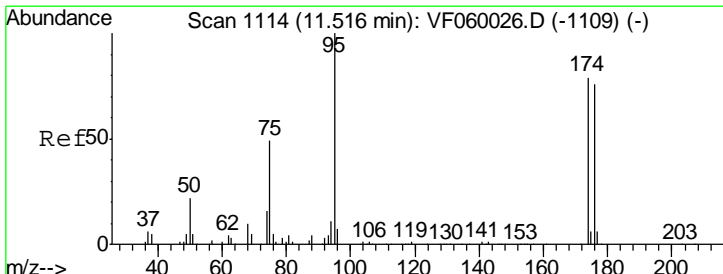
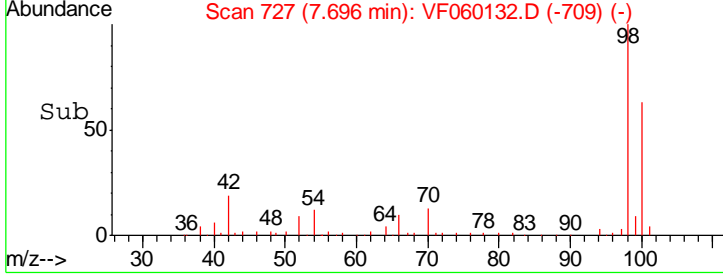
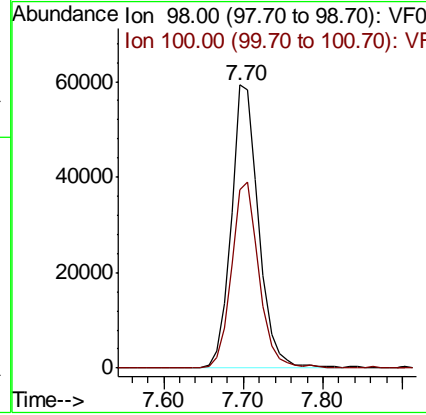
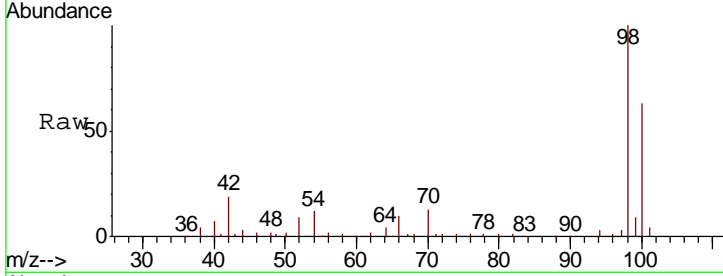




#50
 Toluene-d8
 Concen: 38.35 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.03 min
 Lab File: VF060132.D
 Acq: 27 Aug 2018 18:34

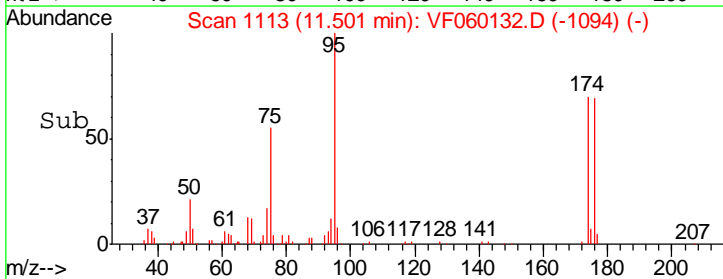
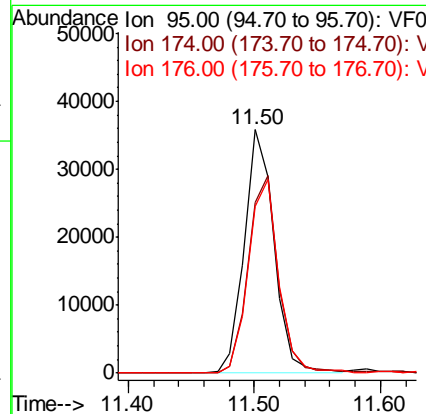
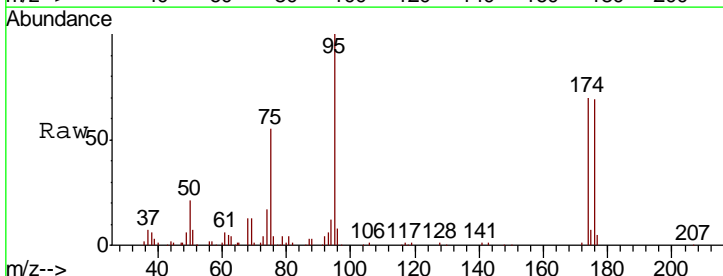
Instrument :
 MSVOA_F
ClientSampled :
 EP1-Q4-FD01

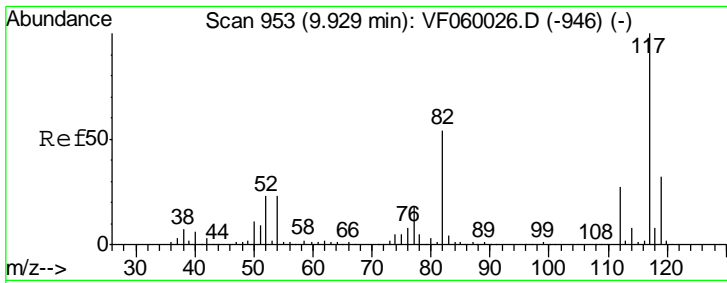
Tgt Ion: 98 Resp: 143437
 Ion Ratio Lower Upper
 98 100
 100 62.9 53.2 79.8



#62
 4-Bromofluorobenzene
 Concen: 29.66 ug/l
 RT: 11.50 min Scan# 1113
 Delta R.T. -0.02 min
 Lab File: VF060132.D
 Acq: 27 Aug 2018 18:34

Tgt Ion: 95 Resp: 58682
 Ion Ratio Lower Upper
 95 100
 174 70.1 0.0 158.4
 176 68.6 0.0 153.0

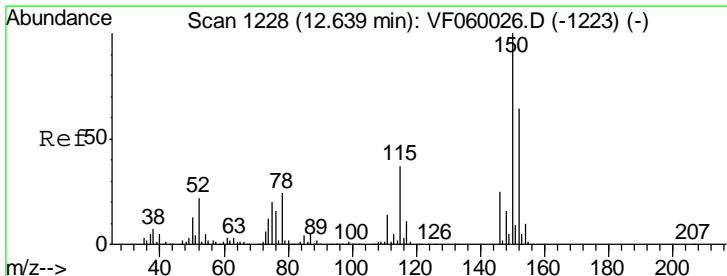
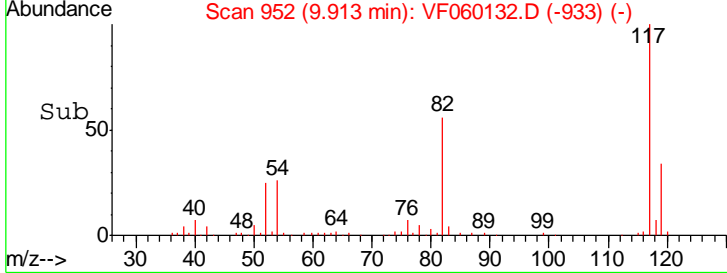
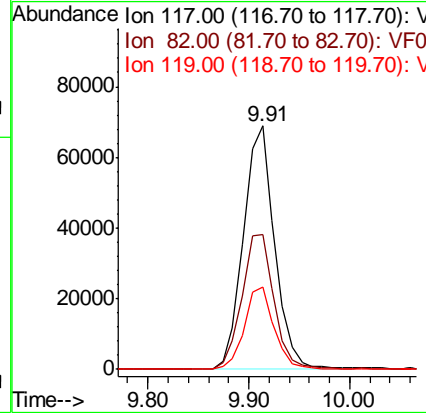
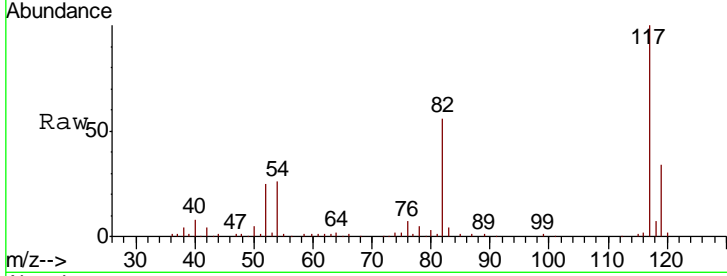




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 9.91 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: VF060132.D
 Acq: 27 Aug 2018 18:34

Instrument :
 MSVOA_F
 ClientSampled :
 EP1-Q4-FD01

Tgt Ion	Resp	Lower	Upper
117	148837		
82	55.6	43.6	65.4
119	33.6	25.6	38.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.62 min Scan# 1227
 Delta R.T. -0.02 min
 Lab File: VF060132.D
 Acq: 27 Aug 2018 18:34

Tgt Ion	Resp	Lower	Upper
152	74540		
115	65.5	28.6	85.9
150	156.8	0.0	312.0

