

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072018\
 Data File : VF059589.D
 Acq On : 20 Jul 2018 19:08
 Operator : VA/AP
 Sample : VF0720SBL01
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0720SBL01

Quant Time: Jul 21 00:07:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	260915	50.00	µg/l	-0.02
34) 1,4-Difluorobenzene	5.76	114	350911	50.00	µg/l	-0.02
63) Chlorobenzene-d5	9.91	117	370563	50.00	µg/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	232700	50.00	µg/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	190487	46.94	µg/l	-0.02
Spiked Amount			50.000	Recovery =		93.88%
35) Dibromofluoromethane	4.28	113	169331	55.72	µg/l	-0.02
Spiked Amount			50.000	Recovery =		111.44%
50) Toluene-d8	7.70	98	374040	48.86	µg/l	-0.02
Spiked Amount			50.000	Recovery =		97.72%
62) 4-Bromofluorobenzene	11.51	95	208499	51.92	µg/l	-0.01
Spiked Amount			50.000	Recovery =		103.84%

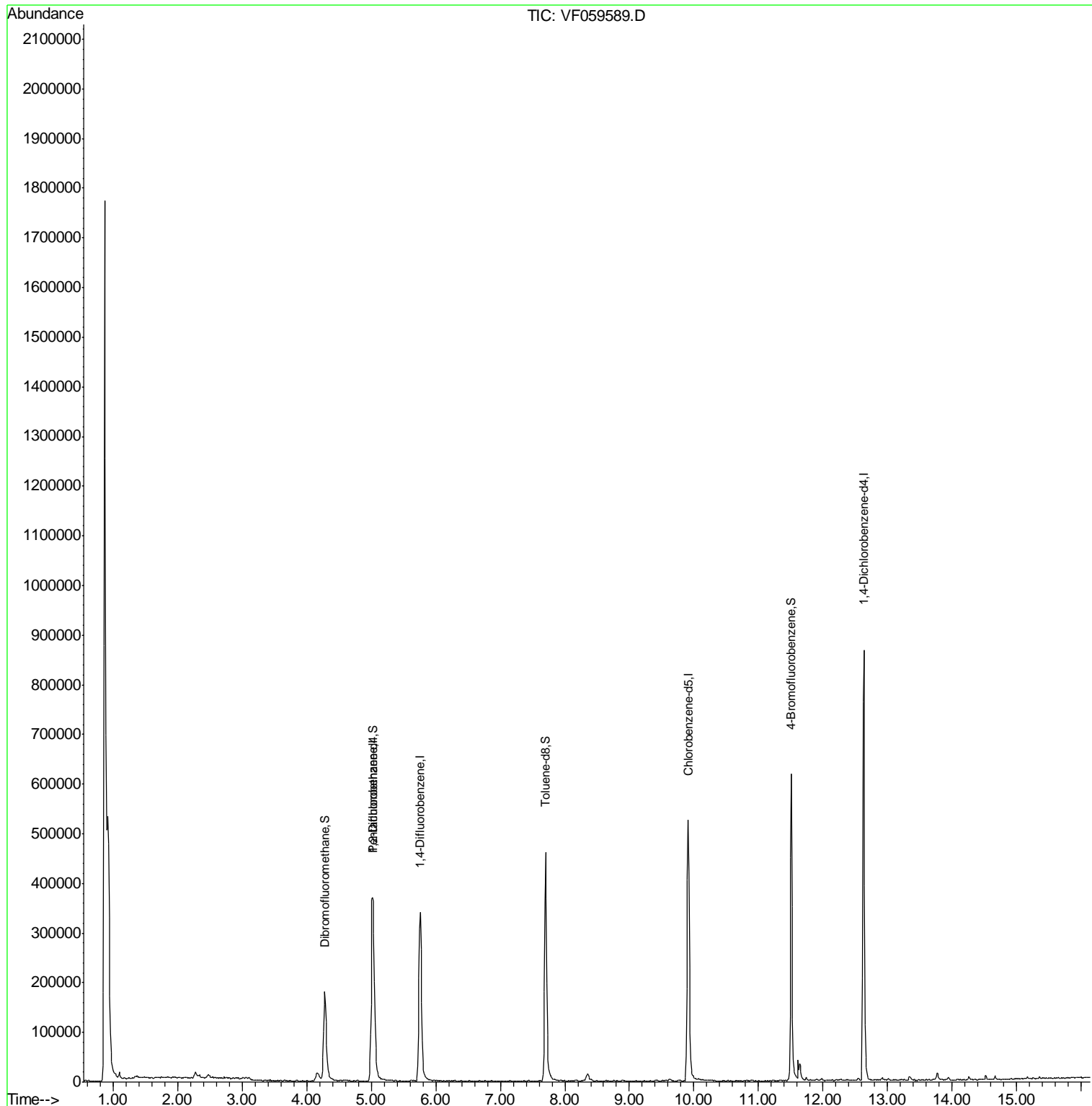
Target Compounds Qvalue

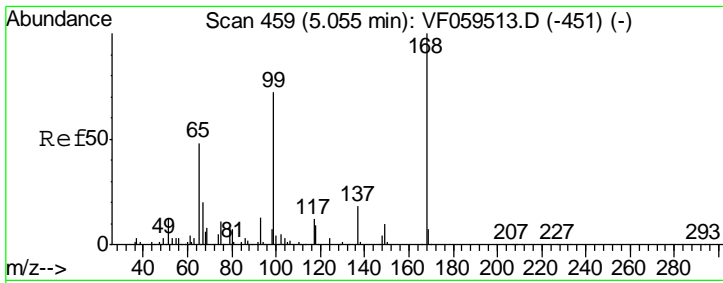
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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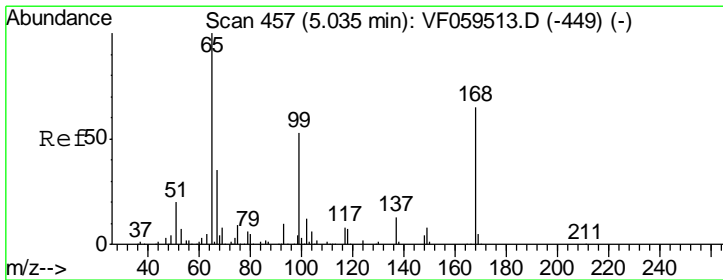
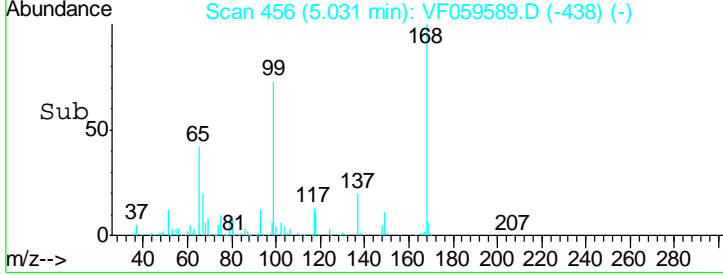
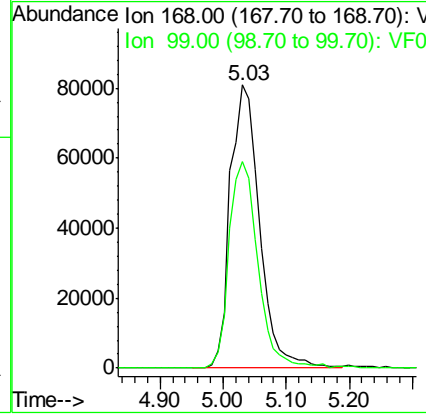
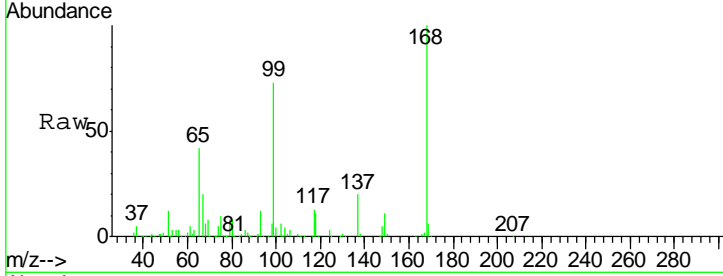




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: VF059589.D
 Acq: 20 Jul 2018 19:08

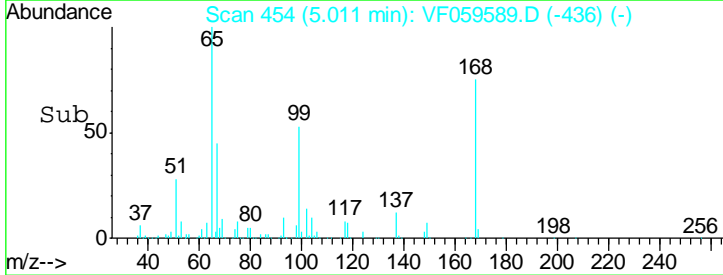
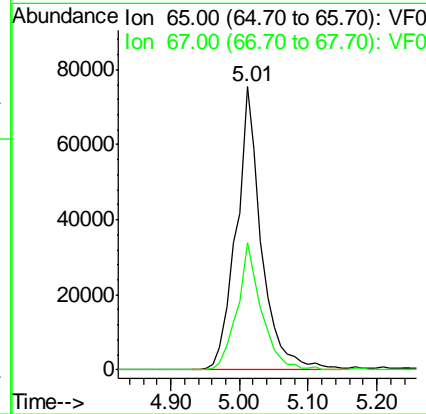
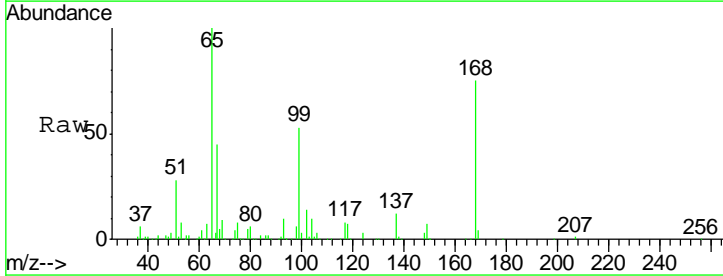
Instrument :
 MSVOA_F
ClientSampled :
 VF0720SBL01

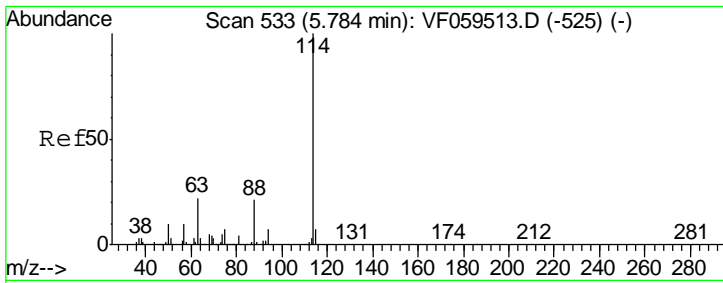
Tgt Ion	Resp	Lower	Upper
168	100		
99	73.1	57.6	86.4



#33
 1,2-Dichloroethane-d4
 Concen: 46.94 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.02 min
 Lab File: VF059589.D
 Acq: 20 Jul 2018 19:08

Tgt Ion	Resp	Lower	Upper
65	100		
67	45.0	0.0	91.2

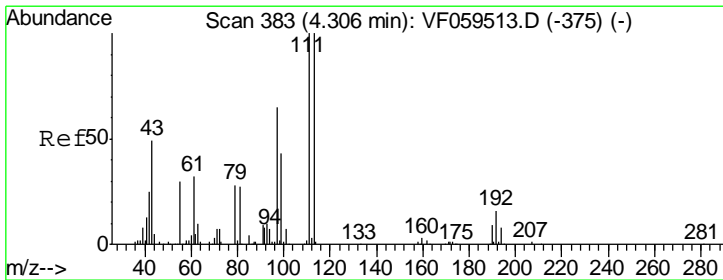
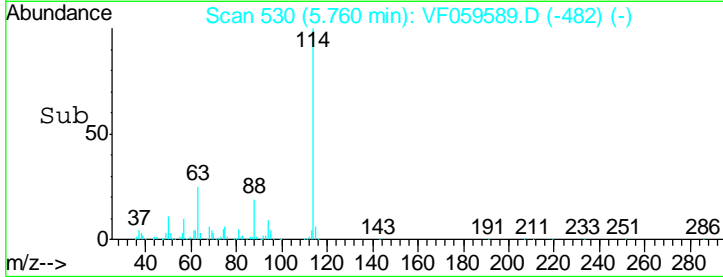
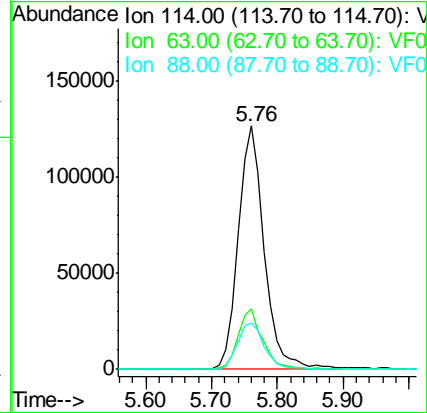
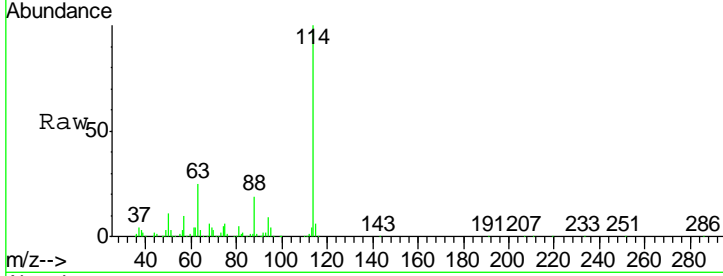




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.02 min
 Lab File: VF059589.D
 Acq: 20 Jul 2018 19:08

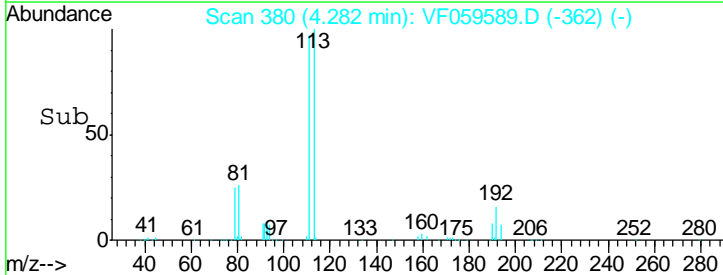
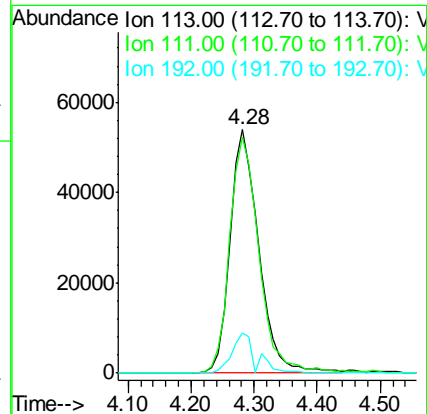
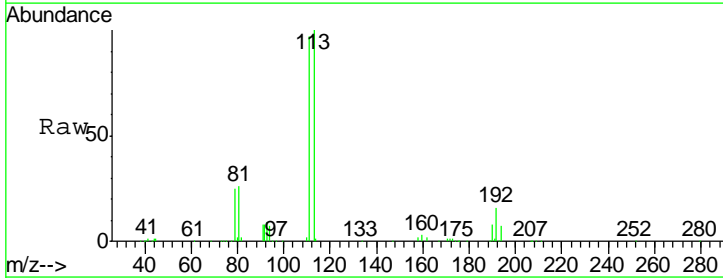
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0720SBL01

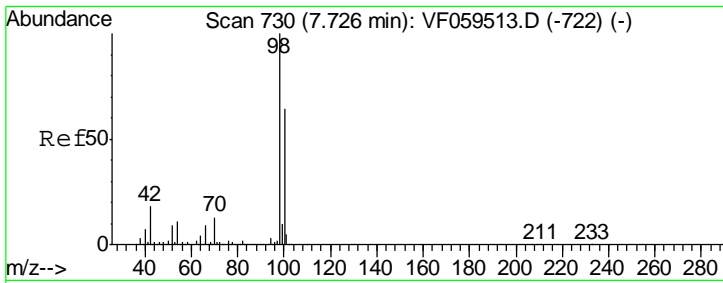
Tgt Ion	Resp	Lower	Upper
114	350911		
63	24.7	0.0	44.8
88	18.9	0.0	42.6



#35
 Dibromofluoromethane
 Concen: 55.72 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.02 min
 Lab File: VF059589.D
 Acq: 20 Jul 2018 19:08

Tgt Ion	Resp	Lower	Upper
113	169331		
111	96.7	80.3	120.5
192	16.3	13.1	19.7

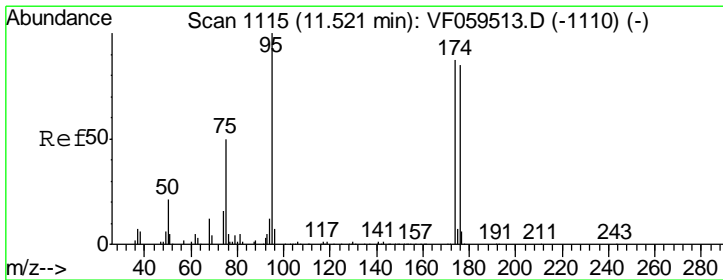
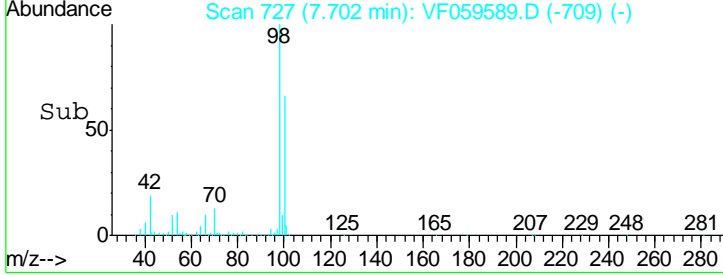
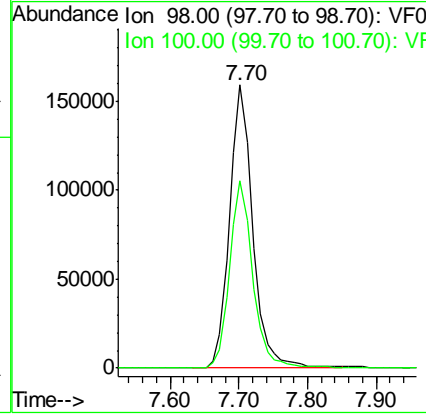
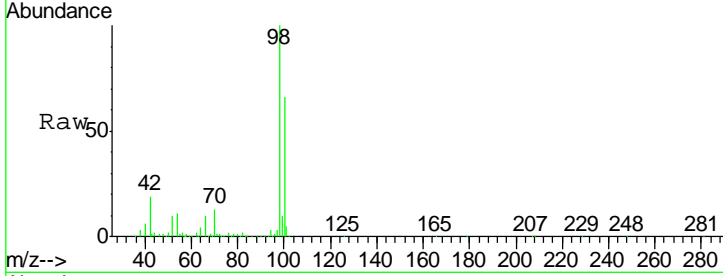




#50
 Toluene-d8
 Concen: 48.86 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: VF059589.D
 Acq: 20 Jul 2018 19:08

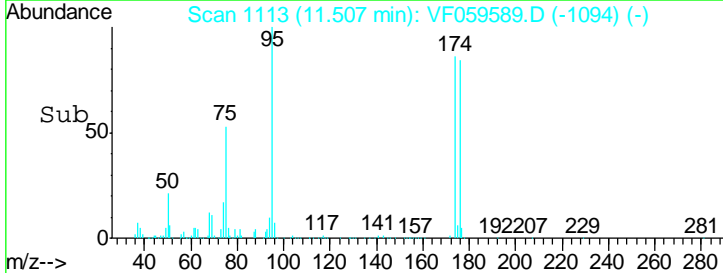
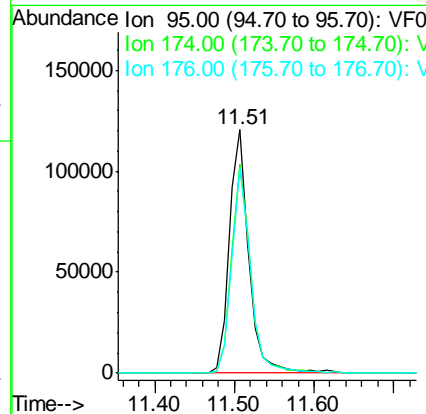
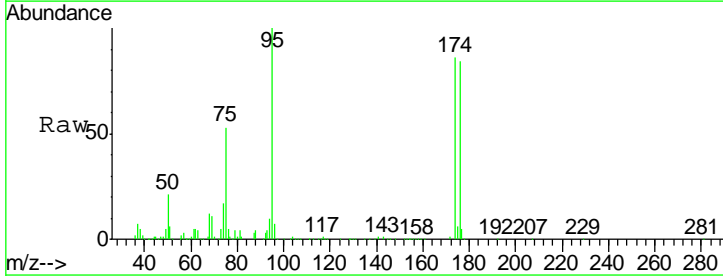
Instrument :
 MSVOA_F
ClientSampled :
 VF0720SBL01

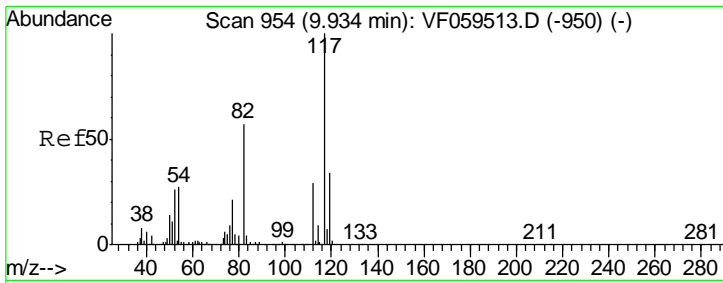
Tgt Ion: 98 Resp: 374040
 Ion Ratio Lower Upper
 98 100
 100 66.0 50.9 76.3



#62
 4-Bromofluorobenzene
 Concen: 51.92 ug/l
 RT: 11.51 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: VF059589.D
 Acq: 20 Jul 2018 19:08

Tgt Ion: 95 Resp: 208499
 Ion Ratio Lower Upper
 95 100
 174 86.0 0.0 174.4
 176 84.5 0.0 169.4

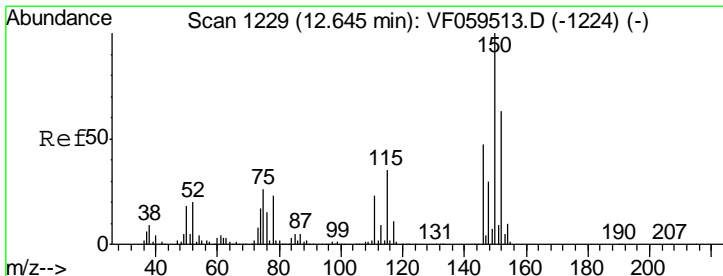
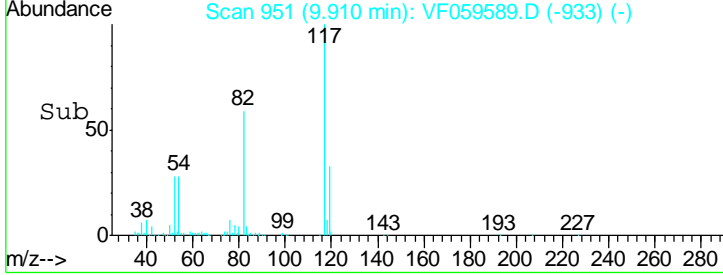
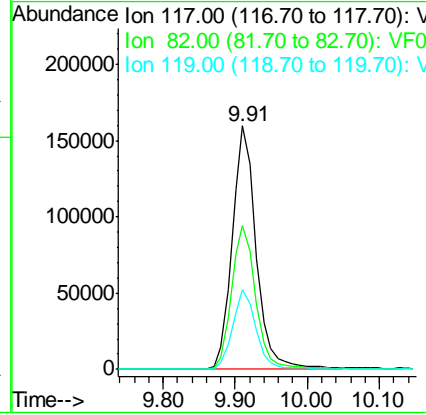
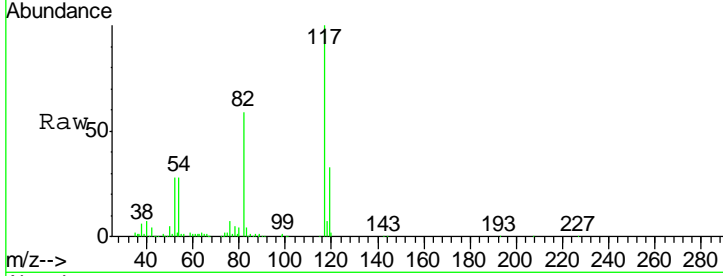




#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 9.91 min Scan# 951
 Delta R.T. -0.02 min
 Lab File: VF059589.D
 Acq: 20 Jul 2018 19:08

Instrument :
 MSVOA_F
ClientSampled :
 VF0720SBL01

Tgt Ion	Resp	Lower	Upper
117	370563		
82	58.9	46.1	69.1
119	32.5	27.2	40.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VF059589.D
 Acq: 20 Jul 2018 19:08

Tgt Ion	Resp	Lower	Upper
152	232700		
115	58.7	27.8	83.3
150	160.0	0.0	318.4

