

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059718.D
 Acq On : 31 Jul 2018 19:21
 Operator : VA/AP
 Sample : J4140-05
 Misc : 6.10g/5mL/MSVOA F/SOIL
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(105-107)

Quant Time: Jul 31 19:43:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 05:19:18 2018
 Response via : Initial Calibration

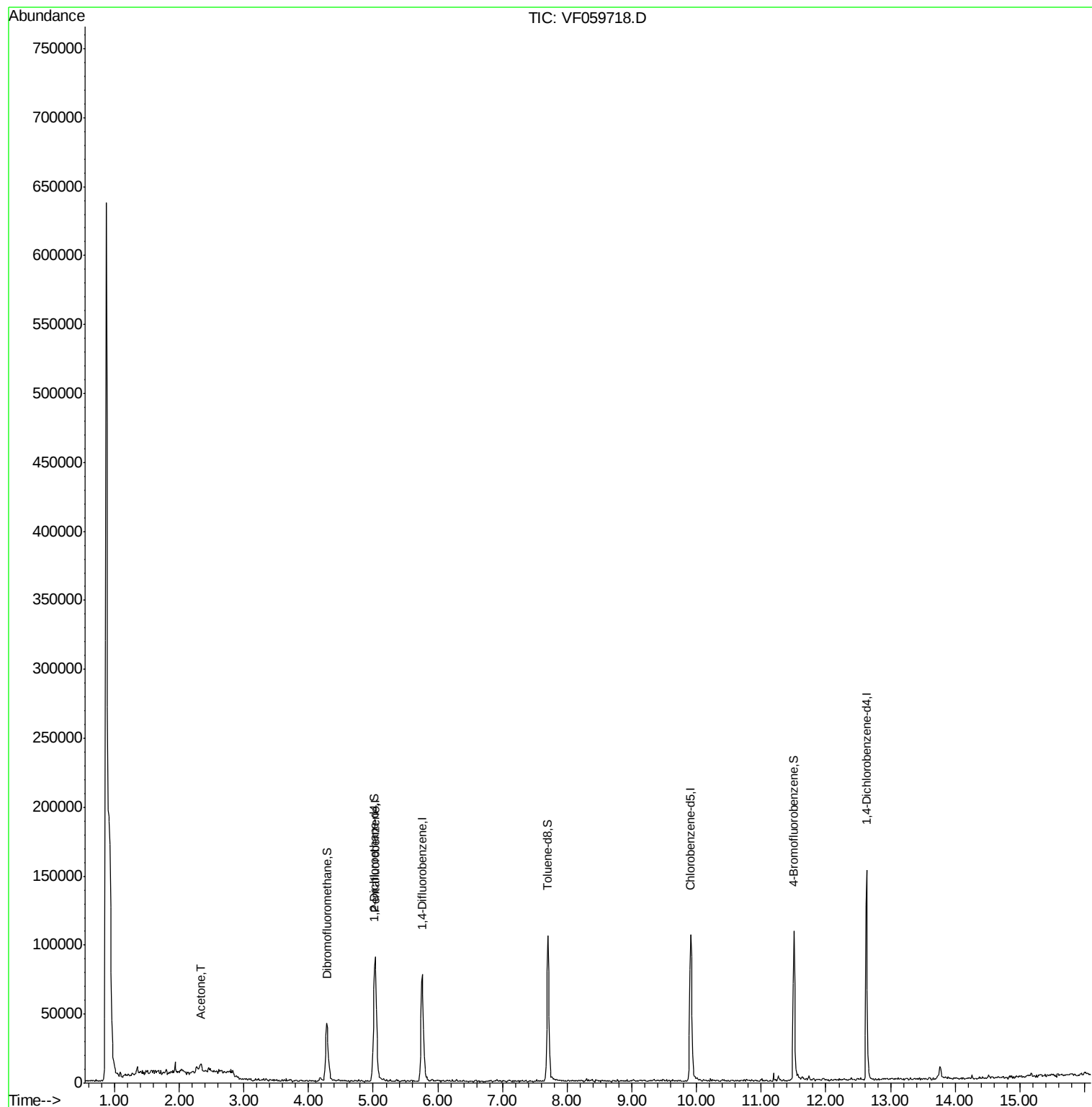
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	55468	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	74205	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	68523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	37769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	38979	39.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.20%	
35) Dibromofluoromethane	4.28	113	36296	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
50) Toluene-d8	7.70	98	78702	43.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.58%	
62) 4-Bromofluorobenzene	11.51	95	34481	34.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.30%	
Target Compounds						
16) Acetone	2.33	43	9362	52.212	ug/l	Qvalue 97

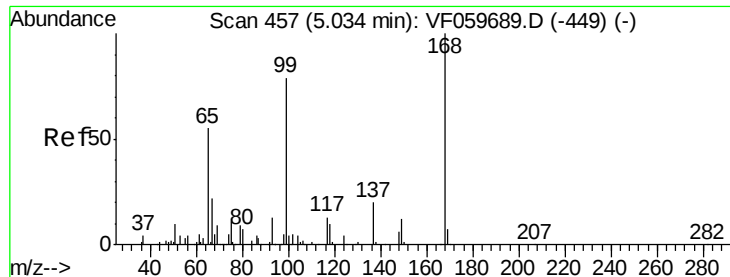
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059718.D

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ClientSampleId :

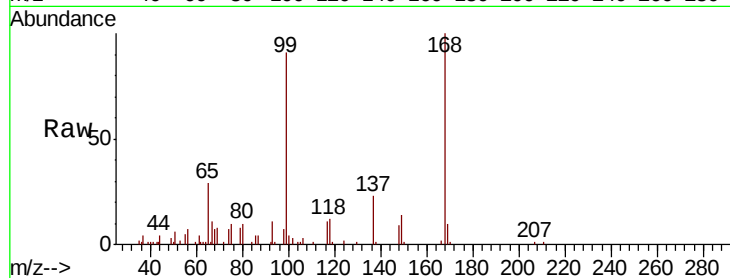
EPE-F-8(105-107)

Tot Ion:168 Resp: 55468

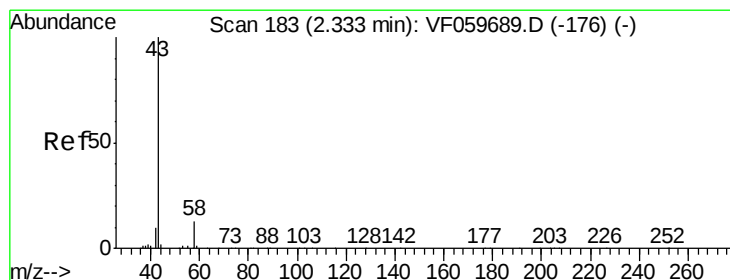
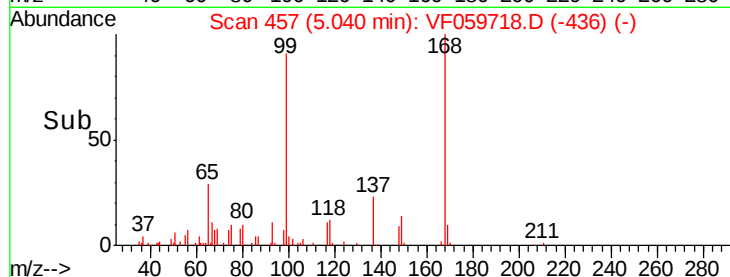
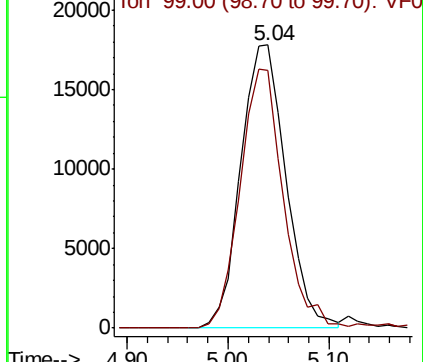
Ion Ratio Lower Upper

168 100

99 91.0 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 52.212 ug/l

RT: 2.33 min Scan# 182

Delta R.T. -0.00 min

Lab File: VF059718.D

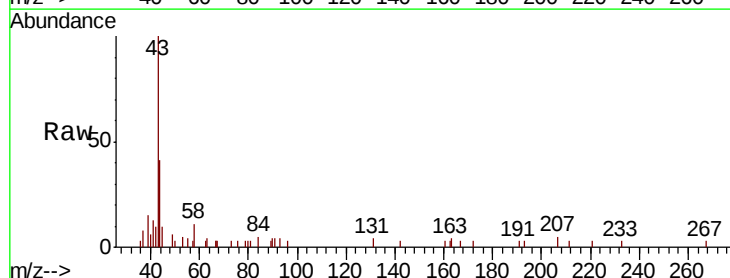
Acq: 31 Jul 2018 19:21

Tgt Ion: 43 Resp: 9362

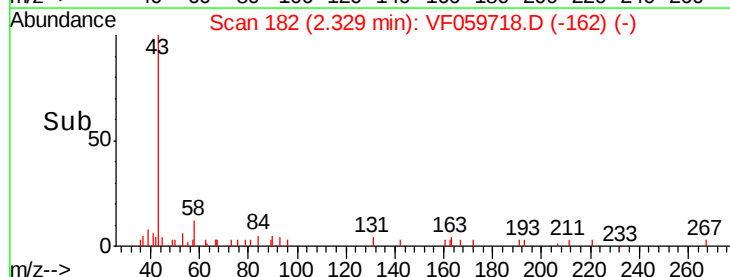
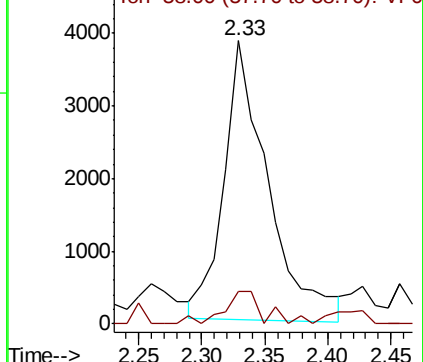
Ion Ratio Lower Upper

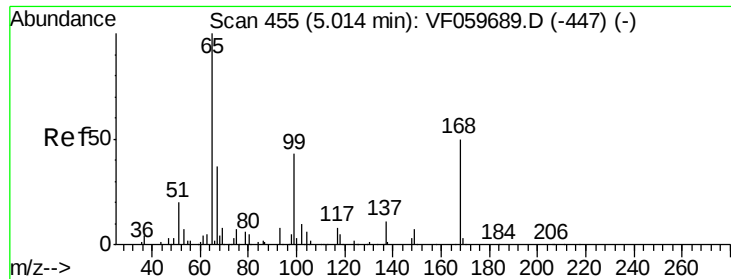
43 100

58 11.3 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

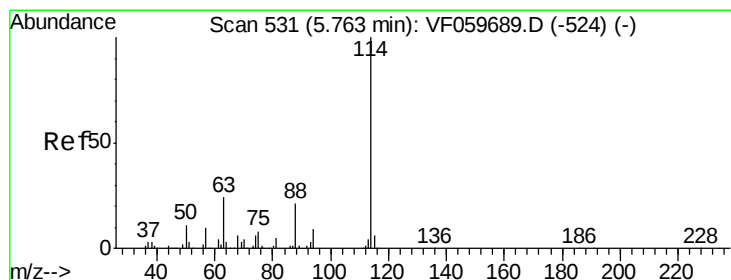
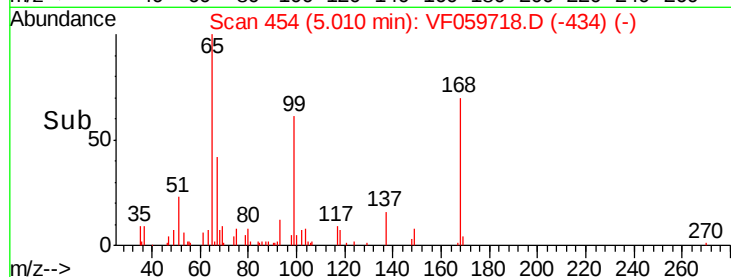
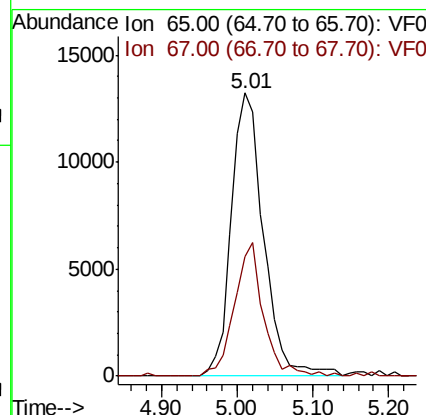
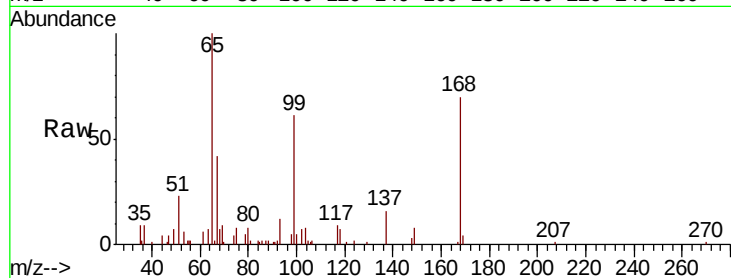




#33
 1,2-Dichloroethane-d4
 Concen: 39.101 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.00 min
 Lab File: VF059718.D
 Acq: 31 Jul 2018 19:21

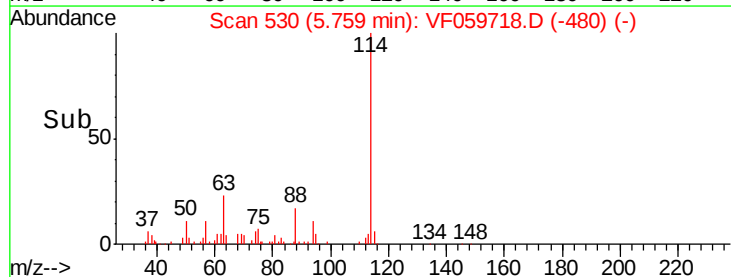
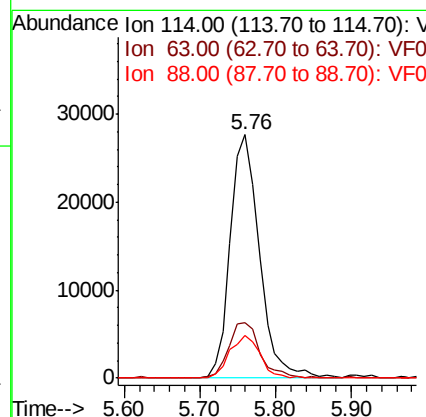
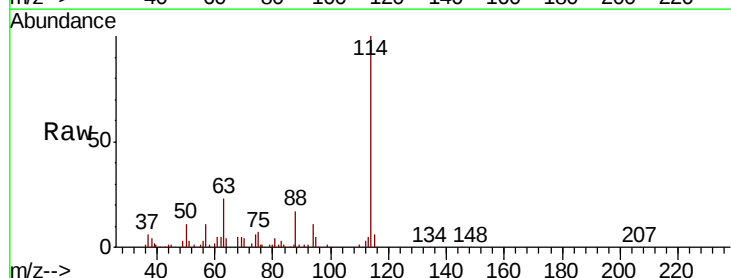
Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(105-107)

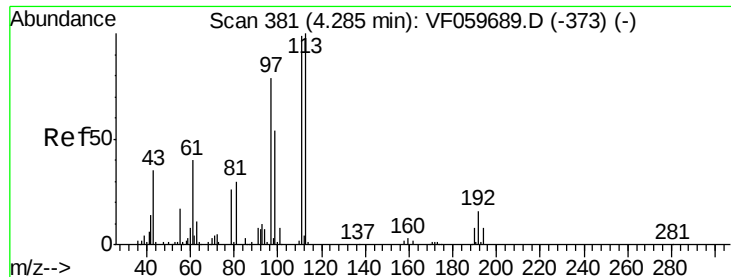
Tot Ion: 65 Resp: 38979
 Ion Ratio Lower Upper
 65 100
 67 42.1 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VF059718.D
 Acq: 31 Jul 2018 19:21

Tgt Ion: 114 Resp: 74205
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.4
 88 17.3 0.0 41.2

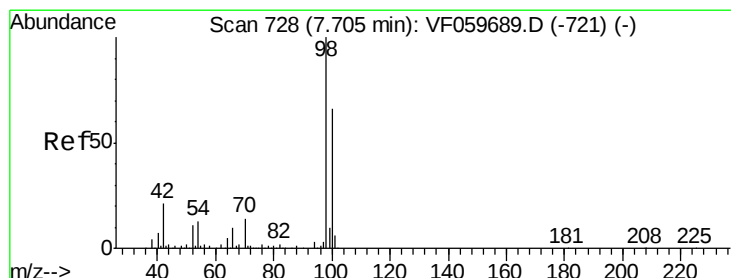
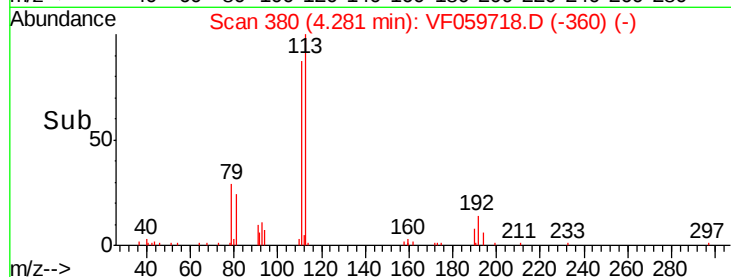
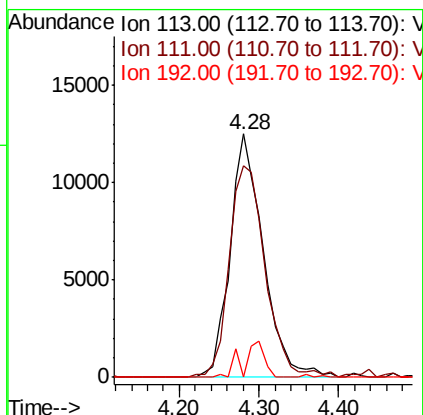
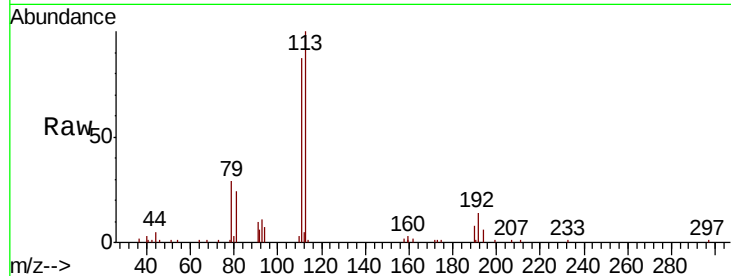




#35
 Dibromofluoromethane
 Concen: 47.093 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VF059718.D
 Acq: 31 Jul 2018 19:21

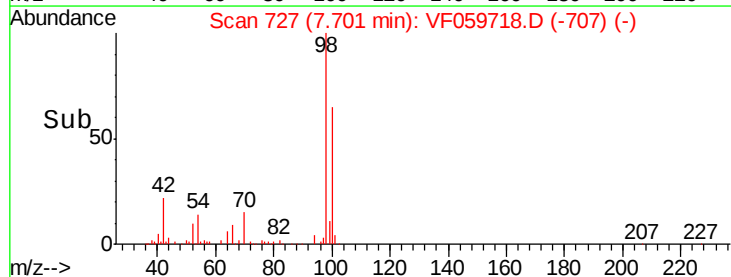
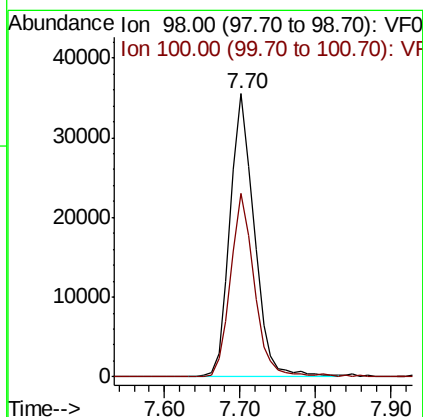
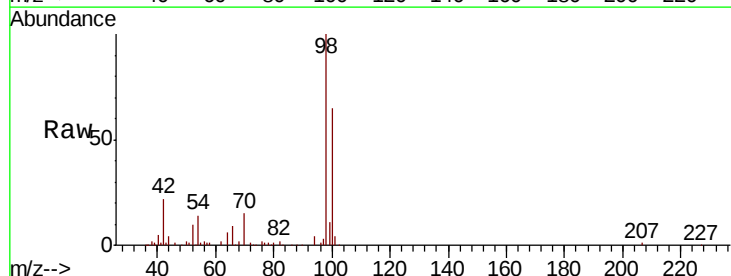
Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(105-107)

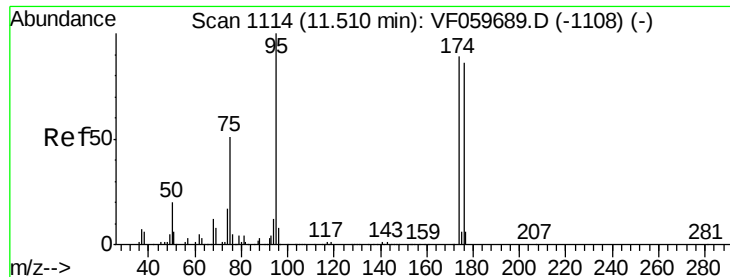
Tot Ion:113 Resp: 36296
 Ion Ratio Lower Upper
 113 100
 111 85.6 79.0 118.4
 192 0.0 13.2 19.8#



#50
 Toluene-d8
 Concen: 43.789 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: VF059718.D
 Acq: 31 Jul 2018 19:21

Tgt Ion: 98 Resp: 78702
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.8 79.2

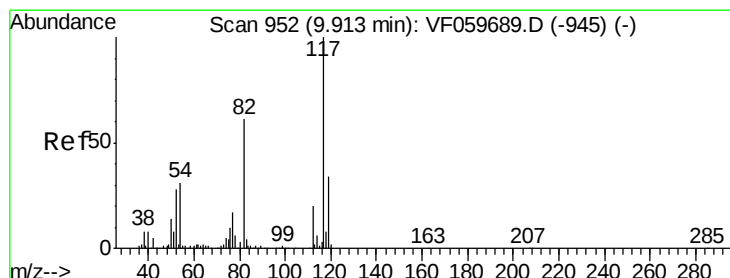
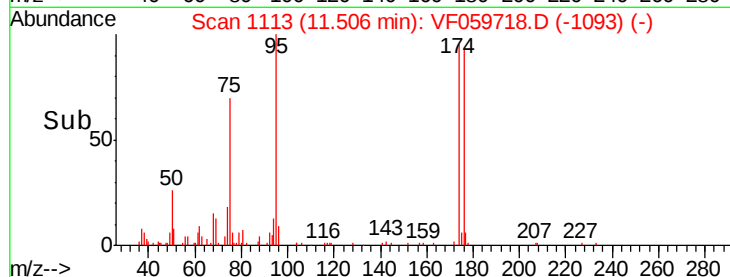
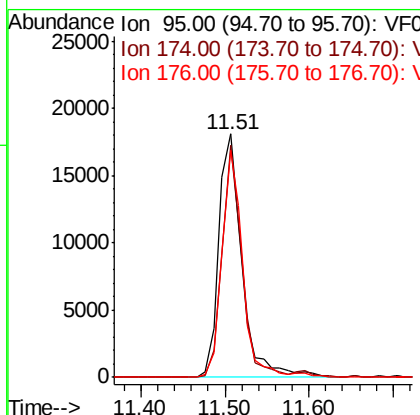
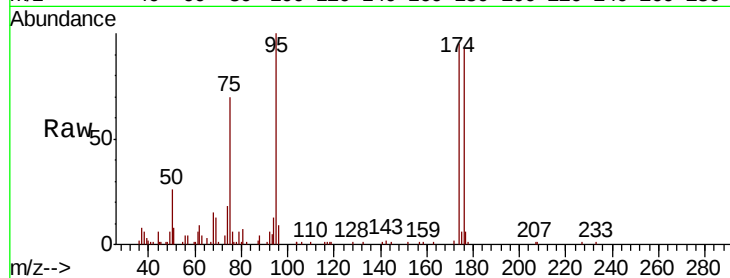




#62
4-Bromofluorobenzene
Concen: 34.654 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059718.D
Acq: 31 Jul 2018 19:21

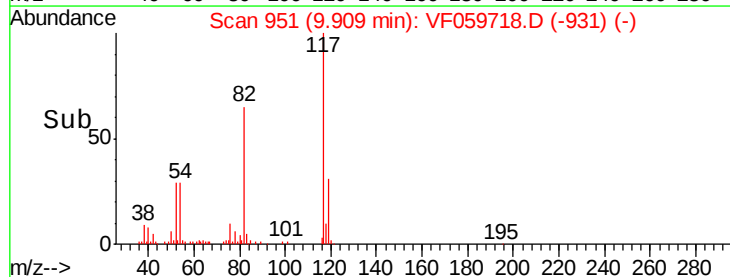
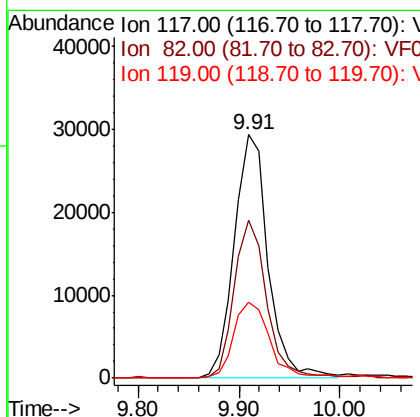
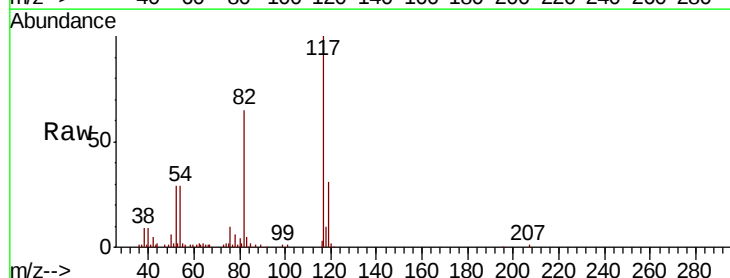
Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(105-107)

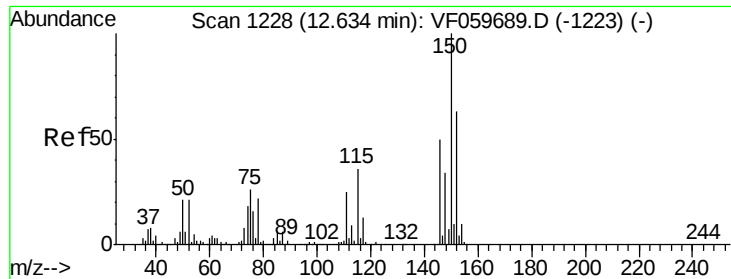
Tot Ion: 95 Resp: 34481
Ion Ratio Lower Upper
95 100
174 95.5 0.0 178.4
176 93.3 0.0 173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059718.D
Acq: 31 Jul 2018 19:21

Tgt Ion: 117 Resp: 68523
Ion Ratio Lower Upper
117 100
82 64.6 49.0 73.4
119 31.1 27.3 40.9





#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059718.D
Acq: 31 Jul 2018 19:21

Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(105-107)

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.3	28.2	84.6
150	155.1	0.0	316.2

