

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059716.D
 Acq On : 31 Jul 2018 18:25
 Operator : VA/AP
 Sample : J4140-02
 Misc : 17.35g/5mL/MSVOA F/SOIL
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(85-87)

Quant Time: Jul 31 19:14:07 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

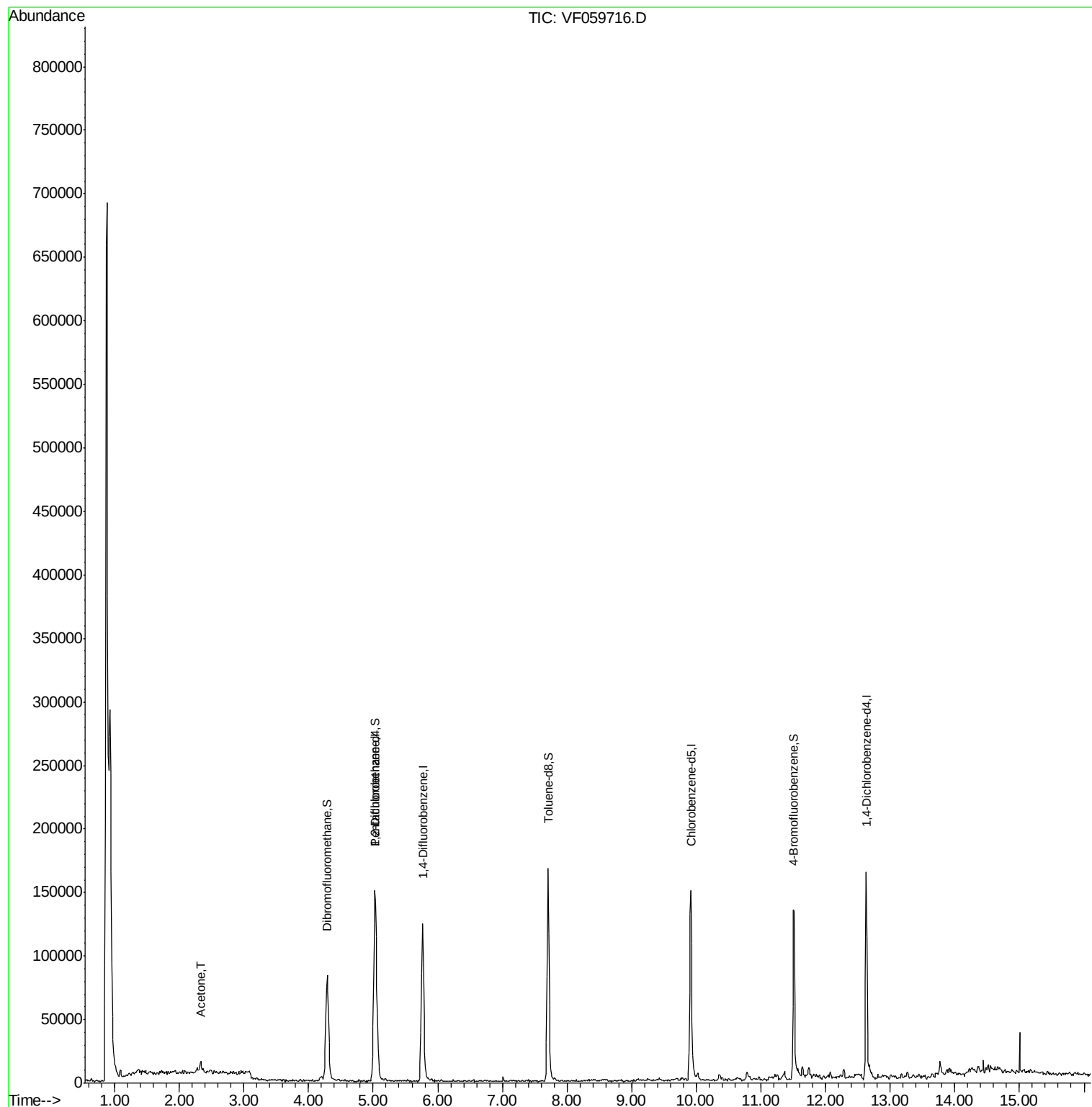
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	85525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	121440	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	101099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	39784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	83859	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
35) Dibromofluoromethane	4.29	113	71449	56.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.30%	
50) Toluene-d8	7.71	98	131566	44.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.46%	
62) 4-Bromofluorobenzene	11.50	95	50777	31.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.36%	
Target Compounds						
16) Acetone	2.34	43	13009	47.054	ug/l	Qvalue 94

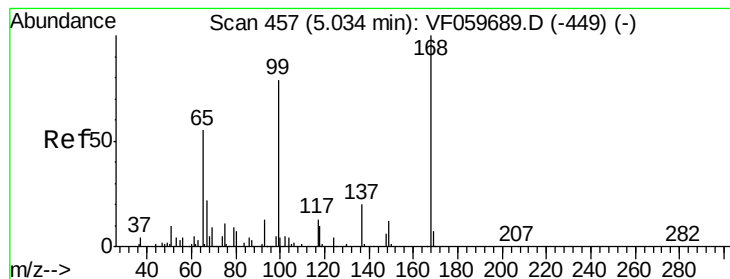
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059716.D

Acq: 31 Jul 2018 18:25

Instrument :

MSVOA_F

ClientSampleId :

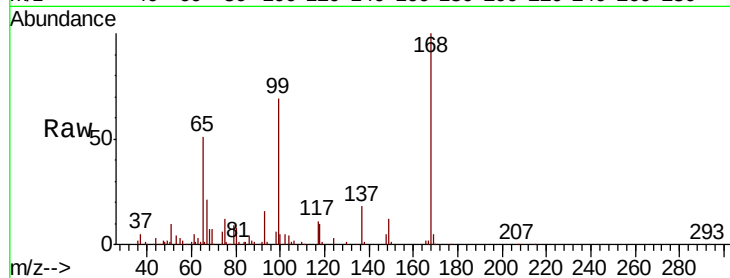
EPE-F-8(85-87)

Tot Ion:168 Resp: 85525

Ion Ratio Lower Upper

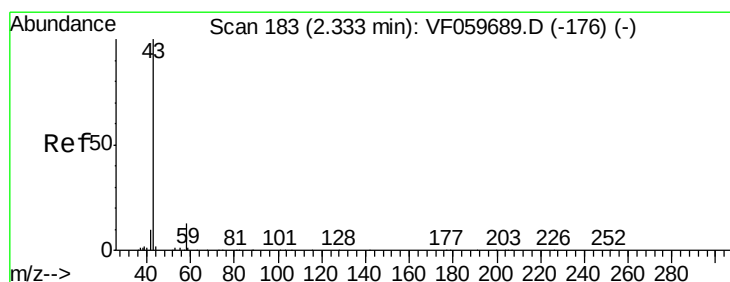
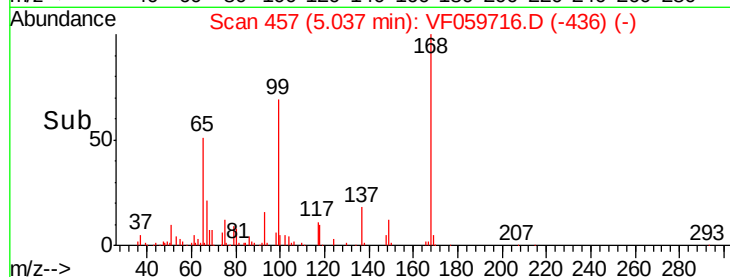
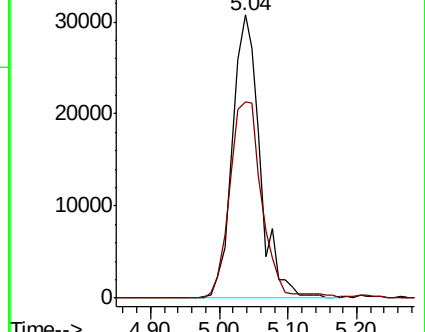
168 100

99 69.4 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 47.054 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059716.D

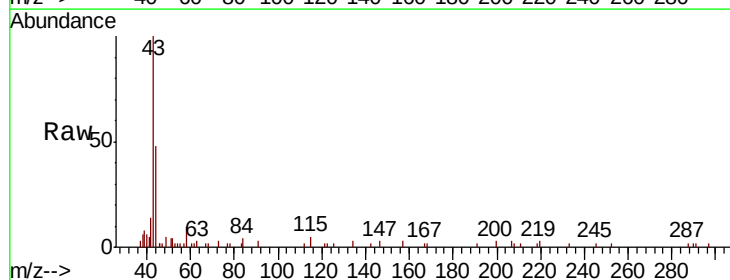
Acq: 31 Jul 2018 18:25

Tgt Ion: 43 Resp: 13009

Ion Ratio Lower Upper

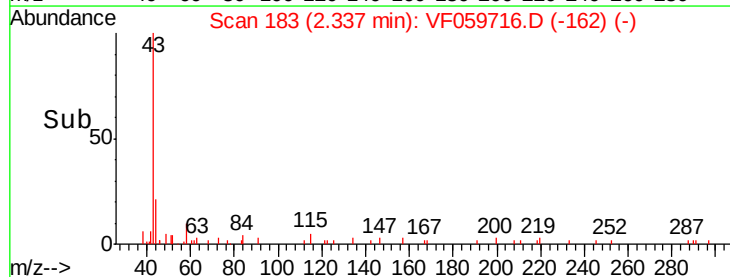
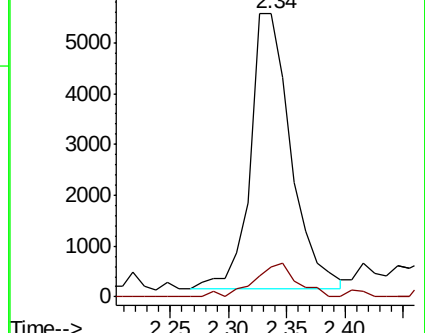
43 100

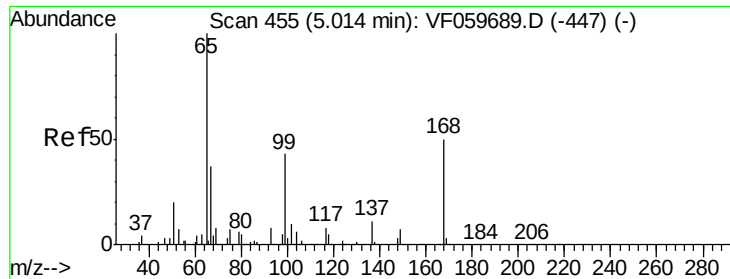
58 10.4 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

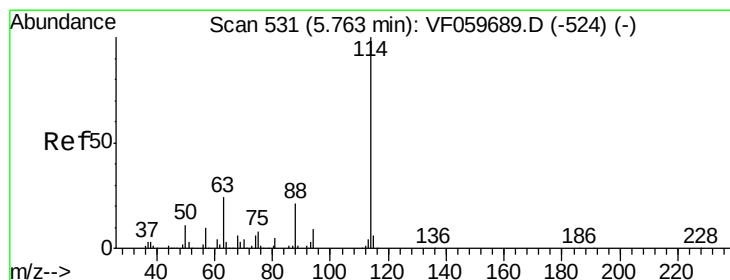
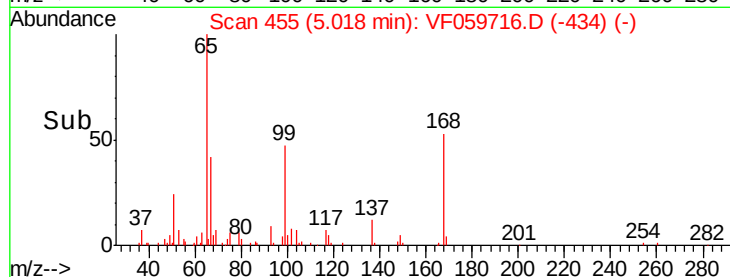
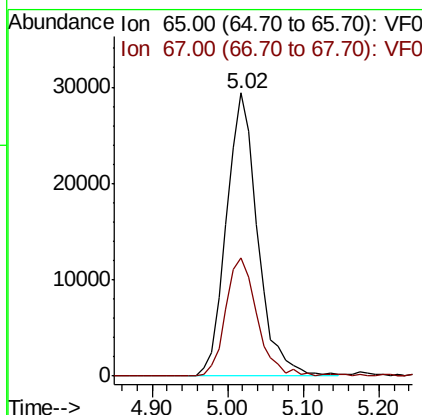
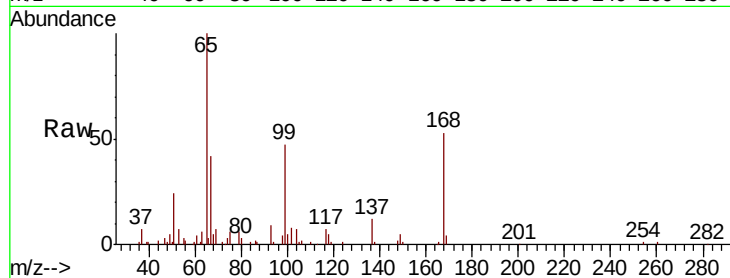




#33
 1,2-Dichloroethane-d4
 Concen: 54.558 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: VF059716.D
 Acq: 31 Jul 2018 18:25

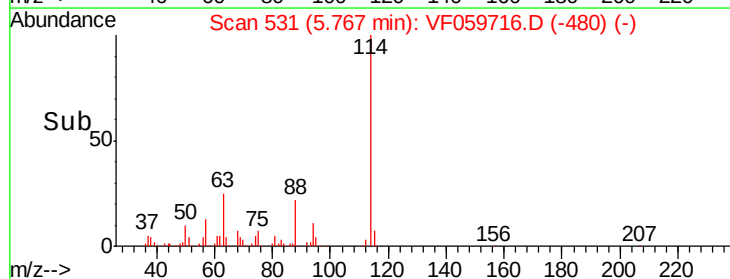
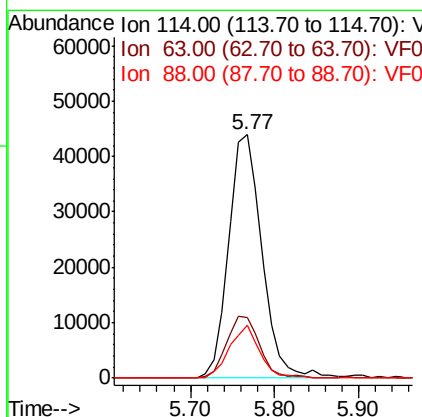
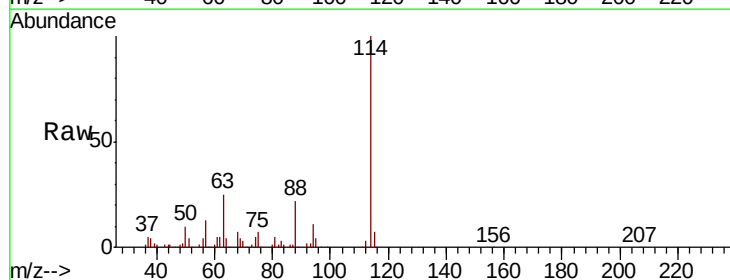
Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(85-87)

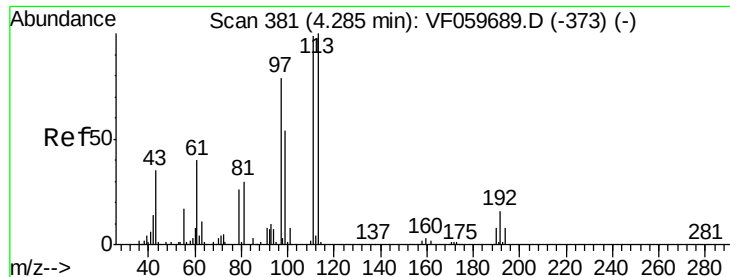
Tot Ion: 65 Resp: 83859
 Ion Ratio Lower Upper
 65 100
 67 41.7 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.77 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VF059716.D
 Acq: 31 Jul 2018 18:25

Tgt Ion: 114 Resp: 121440
 Ion Ratio Lower Upper
 114 100
 63 25.0 0.0 47.4
 88 21.6 0.0 41.2

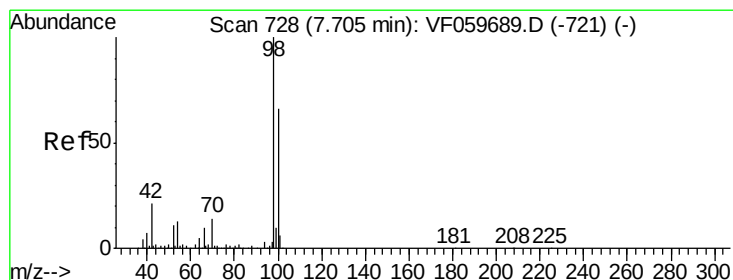
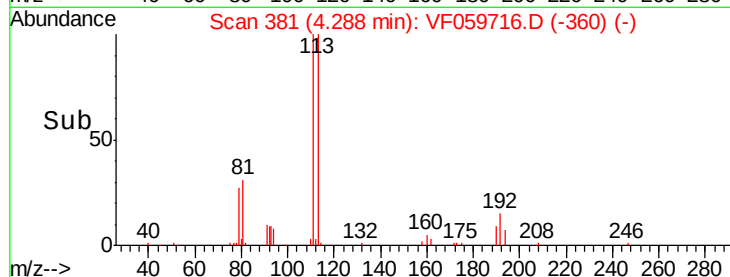
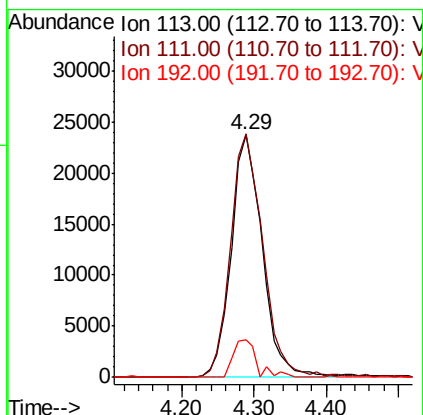
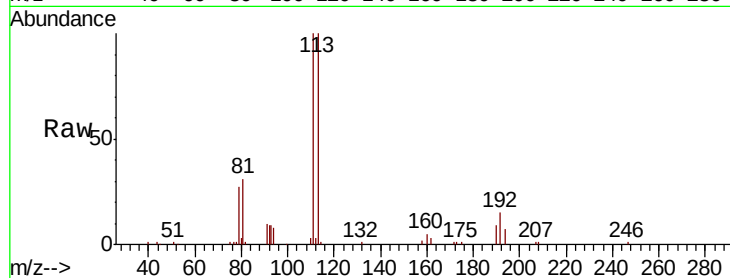




#35
 Dibromofluoromethane
 Concen: 56.645 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VF059716.D
 Acq: 31 Jul 2018 18:25

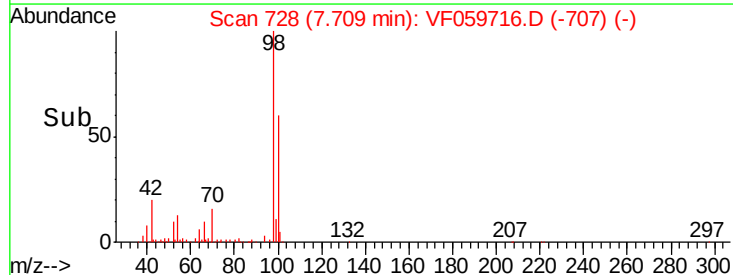
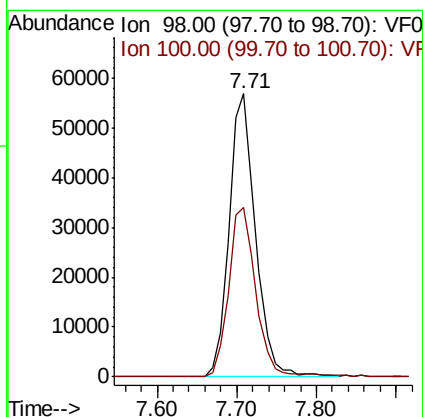
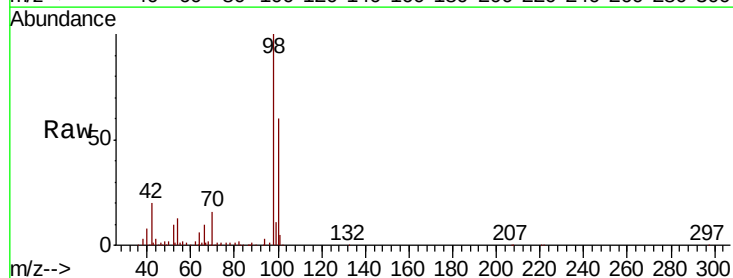
Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(85-87)

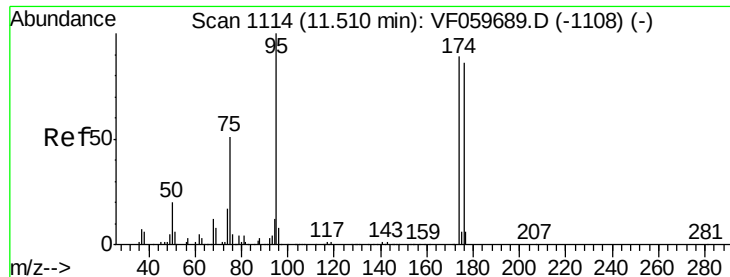
Tot Ion:113 Resp: 71449
 Ion Ratio Lower Upper
 113 100
 111 100.5 79.0 118.4
 192 15.5 13.2 19.8



#50
 Toluene-d8
 Concen: 44.729 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VF059716.D
 Acq: 31 Jul 2018 18:25

Tgt Ion: 98 Resp: 131566
 Ion Ratio Lower Upper
 98 100
 100 60.0 52.8 79.2

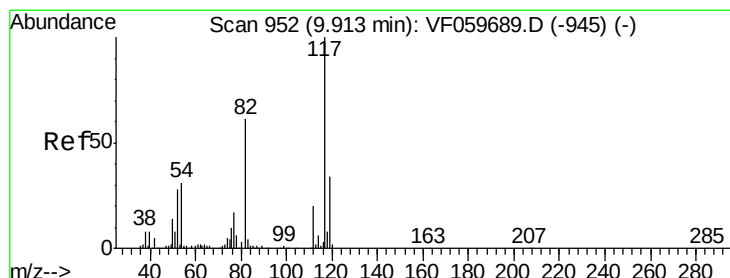
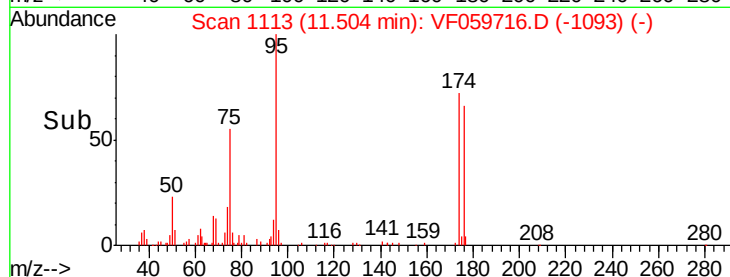
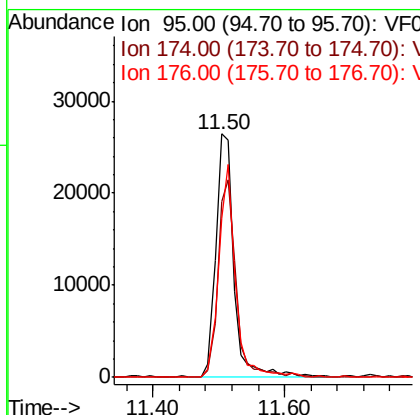
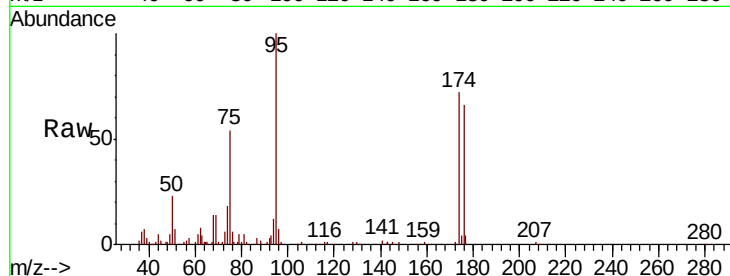




#62
4-Bromofluorobenzene
Concen: 31.183 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059716.D
Acq: 31 Jul 2018 18:25

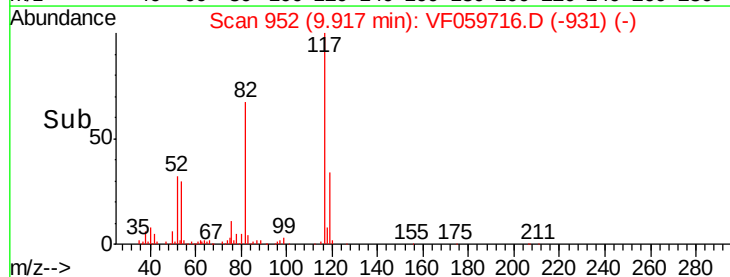
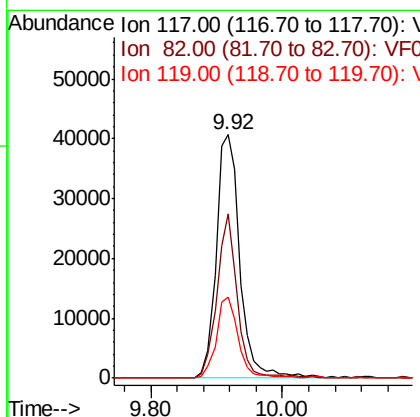
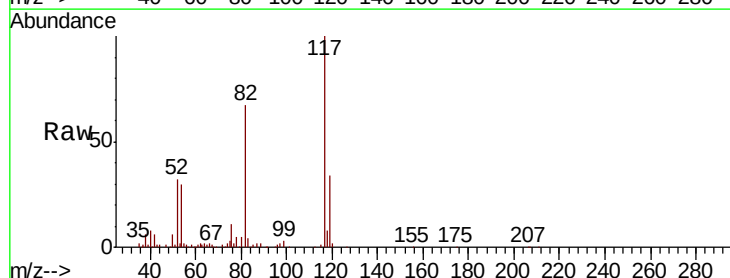
Instrument :
MSVOA_F
ClientSampleId :
EPE-F-8(85-87)

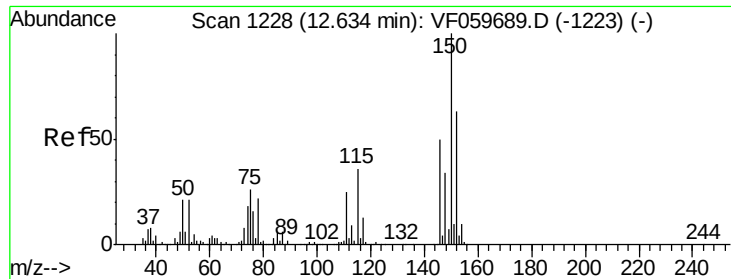
Tot Ion	95	Resp	50777
Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	178.4
176	65.6	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059716.D
Acq: 31 Jul 2018 18:25

Tgt Ion	117	Resp	101099
Ion	Ratio	Lower	Upper
117	100		
82	67.5	49.0	73.4
119	33.5	27.3	40.9





#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VF059716.D
 Acq: 31 Jul 2018 18:25

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-F-8(85-87)

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.1	28.2	84.6
150	161.0	0.0	316.2

