

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
 Data File : VF060017.D
 Acq On : 20 Aug 2018 22:11
 Operator : VA/AP
 Sample : J4553-02
 Misc : 6.12g/5mL/MSVOA F/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-P-9(30-36)

Quant Time: Aug 21 05:50:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F081718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:11:02 2018
 Response via : Initial Calibration

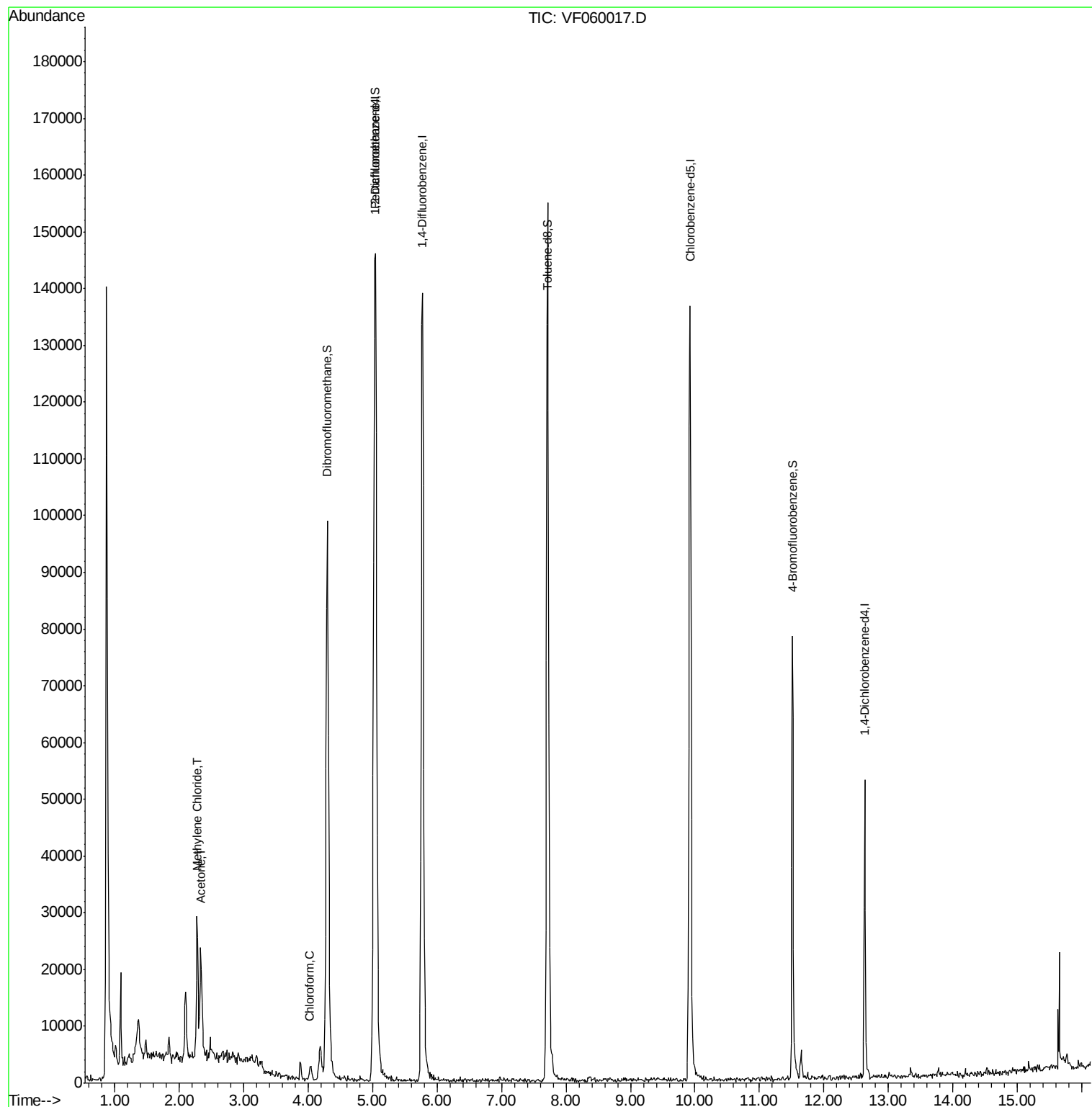
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	79172	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	124100	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	84915	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	11995	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	105877	69.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.56%	
35) Dibromofluoromethane	4.29	113	82200	64.81	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	129.62%	
50) Toluene-d8	7.72	98	116086	41.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.32%	
62) 4-Bromofluorobenzene	11.51	95	24288	14.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	28.06%	
Target Compounds						
16) Acetone	2.33	43	31505	66.21	ug/l	99
20) Methylene Chloride	2.27	84	9042	7.19	ug/l #	79
30) Chloroform	4.03	83	2644	1.29	ug/l	90

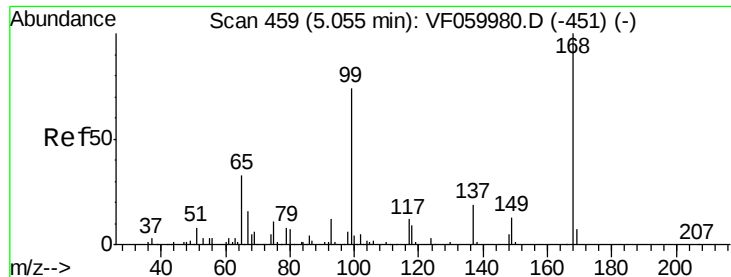
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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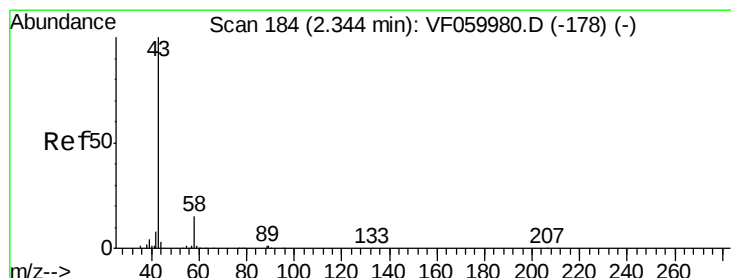
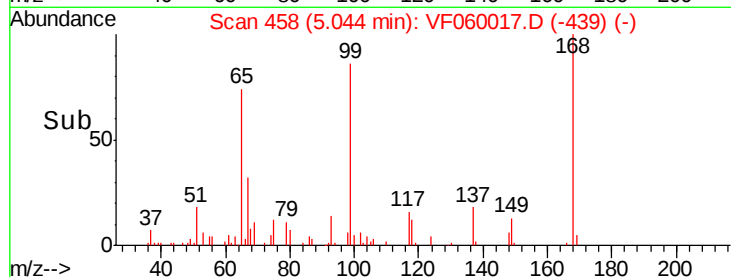
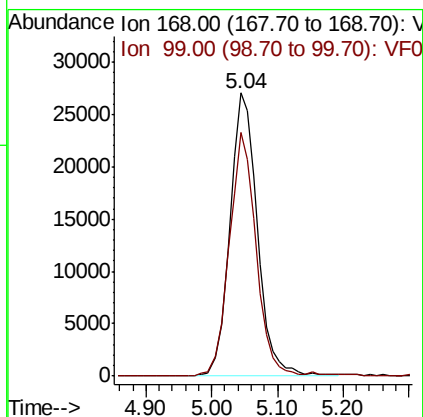
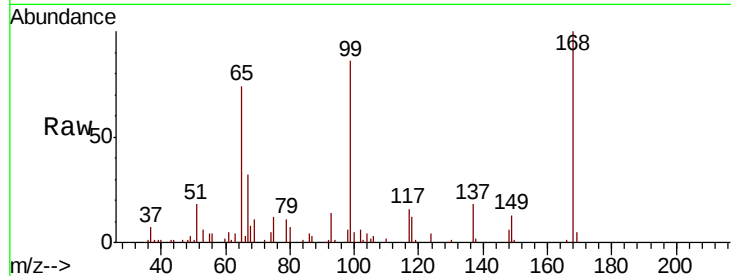




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 458
Delta R.T. -0.01 min
Lab File: VF060017.D
Acq: 20 Aug 2018 22:11

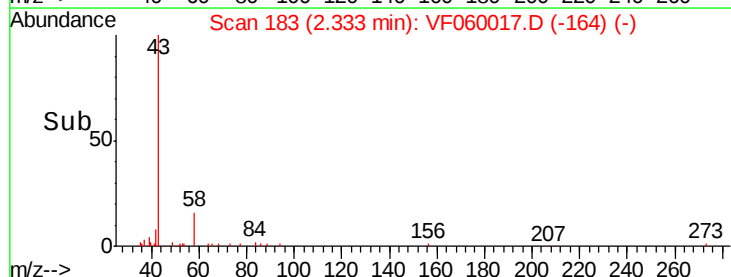
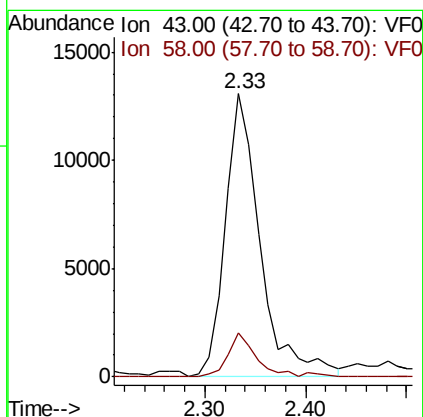
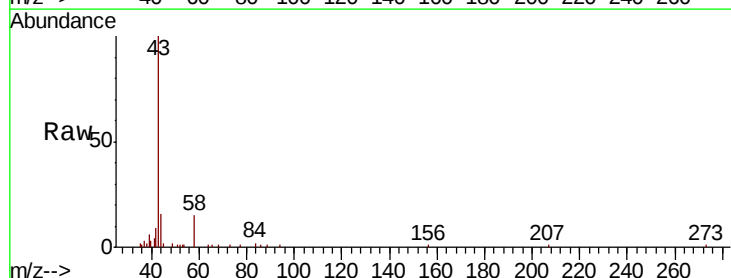
Instrument :
MSVOA_F
ClientSampleId :
EPE-P-9(30-36)

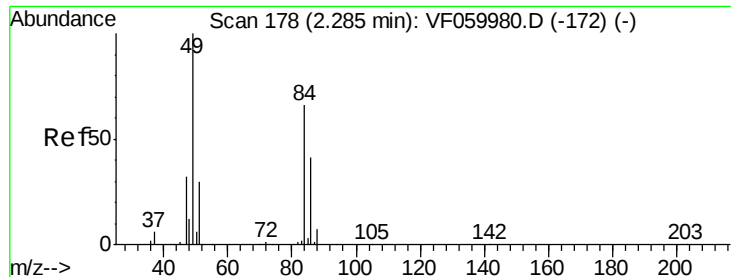
Tot Ion:168 Resp: 79172
Ion Ratio Lower Upper
168 100
99 86.2 59.0 88.6



#16
Acetone
Concen: 66.21 ug/l
RT: 2.33 min Scan# 183
Delta R.T. -0.01 min
Lab File: VF060017.D
Acq: 20 Aug 2018 22:11

Tgt Ion: 43 Resp: 31505
Ion Ratio Lower Upper
43 100
58 15.5 11.9 17.9

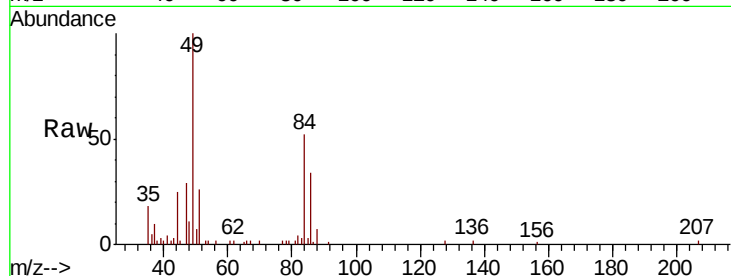




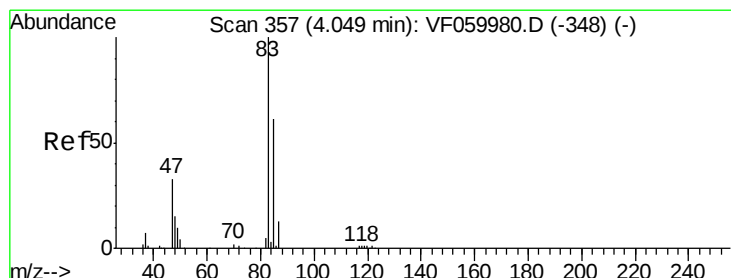
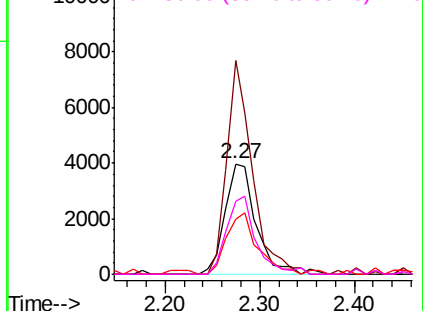
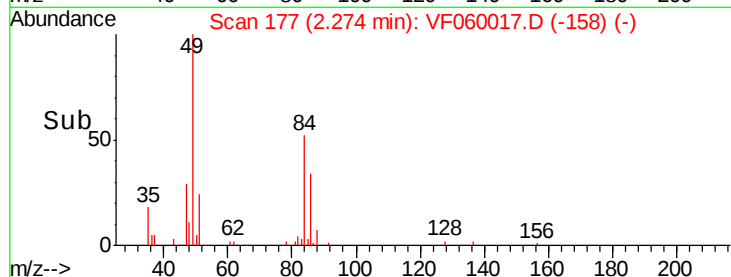
#20
Methvlene Chloride
Concen: 7.19 ug/l
RT: 2.27 min Scan# 177
Delta R.T. -0.01 min
Lab File: VF060017.D
Acq: 20 Aug 2018 22:11

Instrument :
MSVOA_F
ClientSampleId :
EPE-P-9(30-36)

Tot Ion: 84 Resp: 9042
Ion Ratio Lower Upper
84 100
49 193.4 122.5 183.7#
51 50.0 37.1 55.7
86 68.4 50.2 75.2

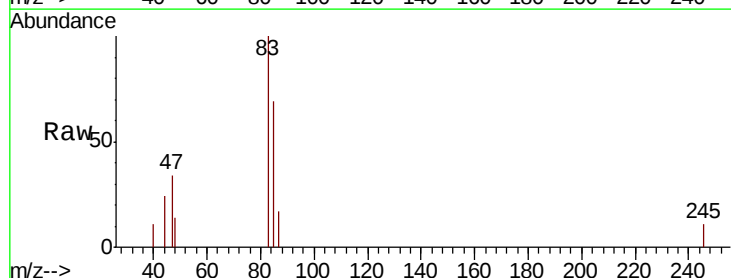


Abundance Ion 84.00 (83.70 to 84.70): VF0
Ion 49.00 (48.70 to 49.70): VF0
Ion 51.00 (50.70 to 51.70): VF0
Ion 86.00 (85.70 to 86.70): VF0

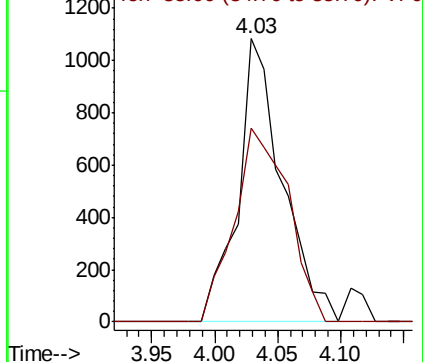
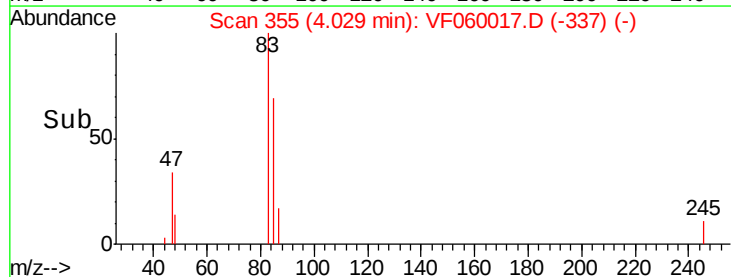


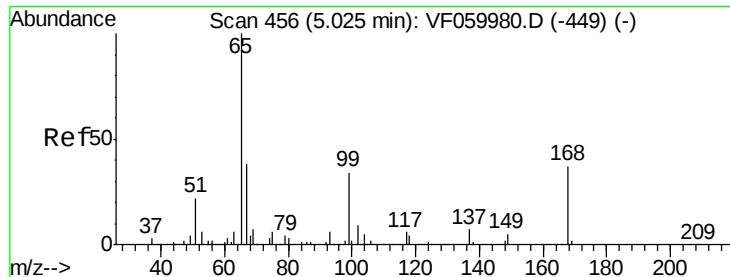
#30
Chloroform
Concen: 1.29 ug/l
RT: 4.03 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF060017.D
Acq: 20 Aug 2018 22:11

Tgt Ion: 83 Resp: 2644
Ion Ratio Lower Upper
83 100
85 68.5 48.8 73.2



Abundance Ion 83.00 (82.70 to 83.70): VF0
Ion 85.00 (84.70 to 85.70): VF0

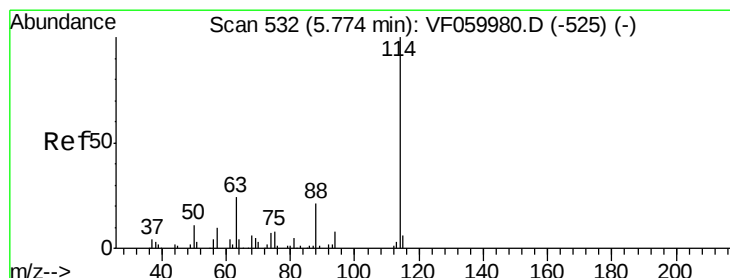
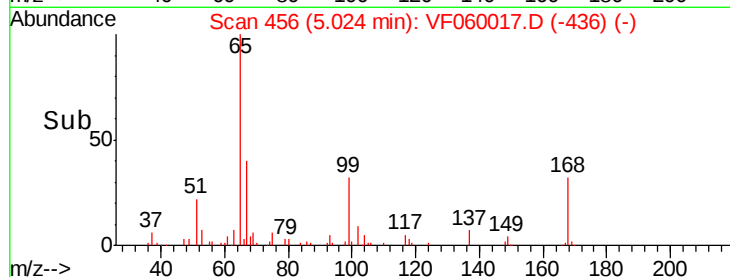
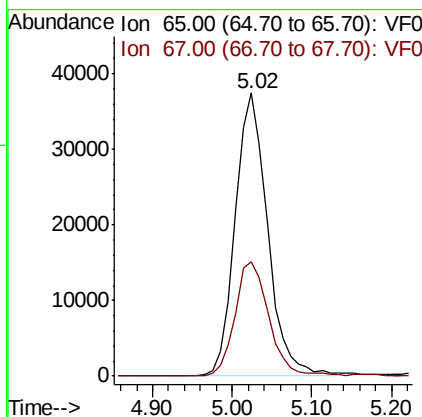
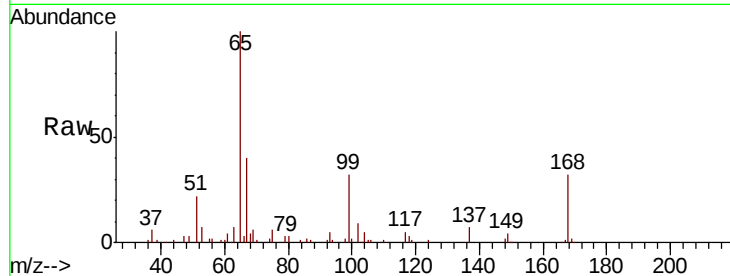




#33
 1,2-Dichloroethane-d4
 Concen: 69.28 ug/l
 RT: 5.02 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: VF060017.D
 Acq: 20 Aug 2018 22:11

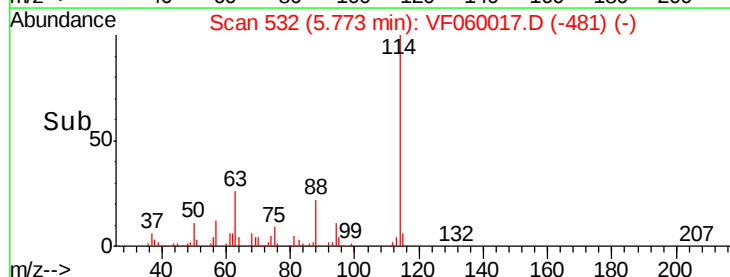
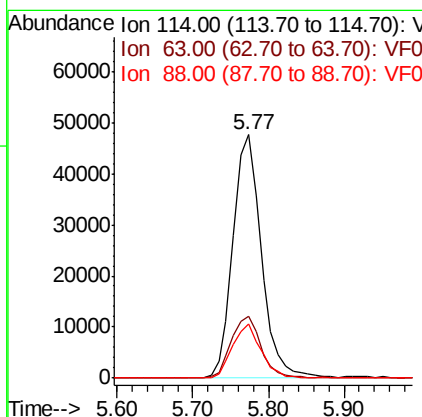
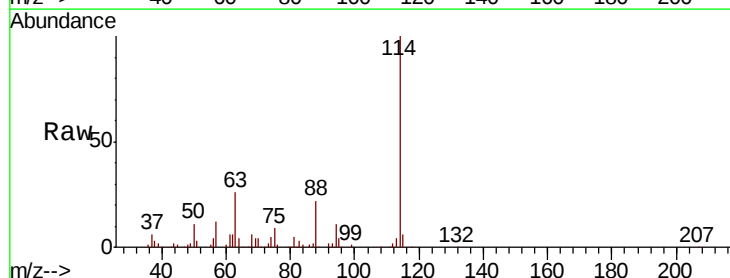
Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-P-9(30-36)

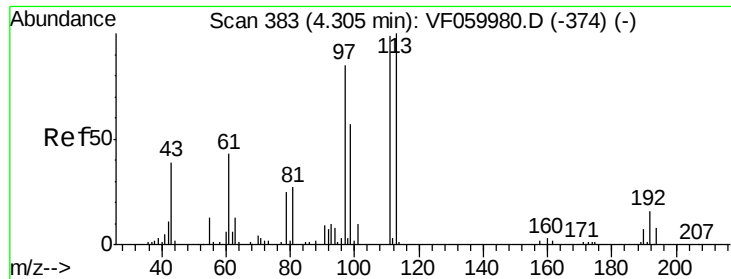
Tot Ion: 65 Resp: 105877
 Ion Ratio Lower Upper
 65 100
 67 40.5 0.0 82.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VF060017.D
 Acq: 20 Aug 2018 22:11

Tgt Ion: 114 Resp: 124100
 Ion Ratio Lower Upper
 114 100
 63 25.6 0.0 48.6
 88 22.2 0.0 42.8





#35

Dibromofluoromethane

Concen: 64.81 ug/l

RT: 4.29 min Scan# 382

Delta R.T. -0.01 min

Lab File: VF060017.D

Acq: 20 Aug 2018 22:11

Instrument :

MSVOA_F

ClientSampleId :

EPE-P-9(30-36)

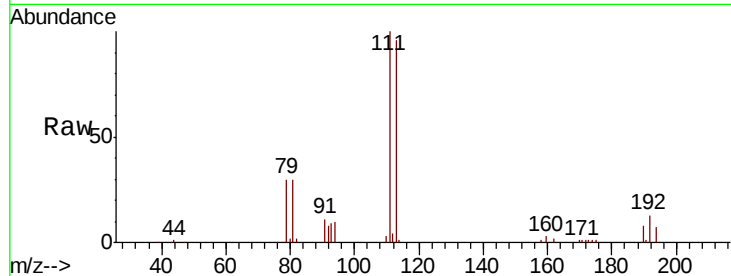
Tot Ion:113 Resp: 82200

Ion Ratio Lower Upper

113 100

111 103.8 79.5 119.3

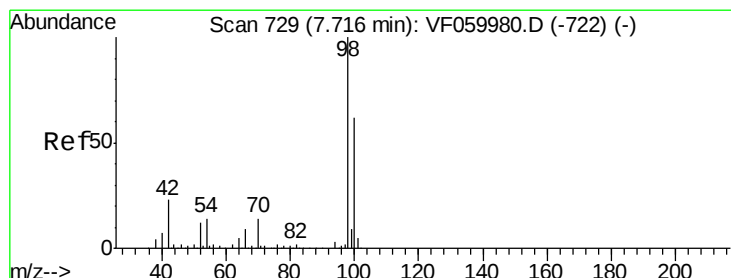
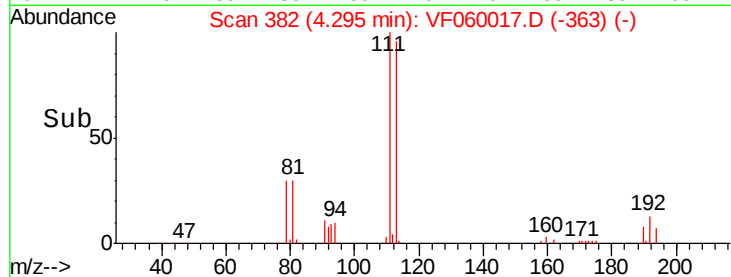
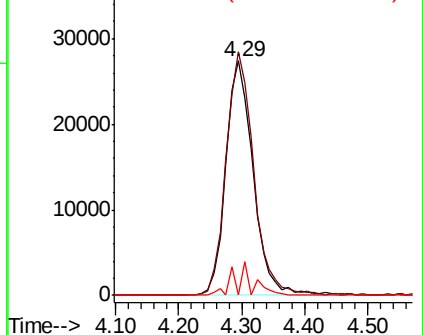
192 0.0 12.4 18.6#



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: 41.16 ug/l

RT: 7.72 min Scan# 729

Delta R.T. -0.00 min

Lab File: VF060017.D

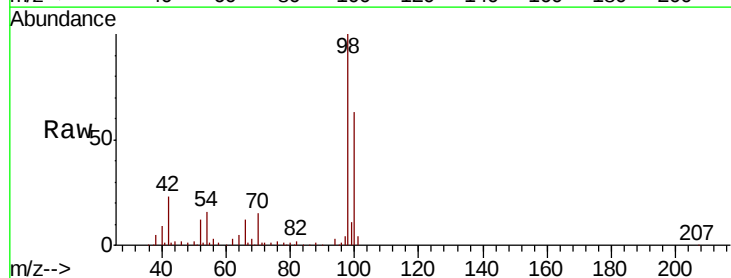
Acq: 20 Aug 2018 22:11

Tgt Ion: 98 Resp: 116086

Ion Ratio Lower Upper

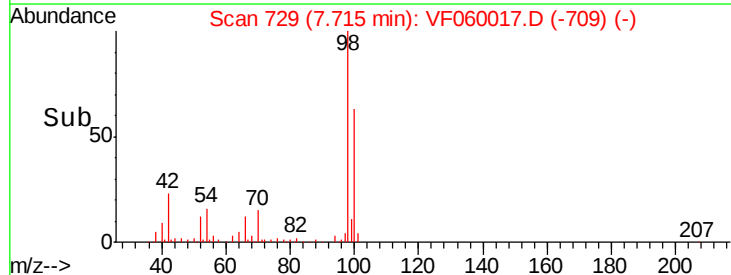
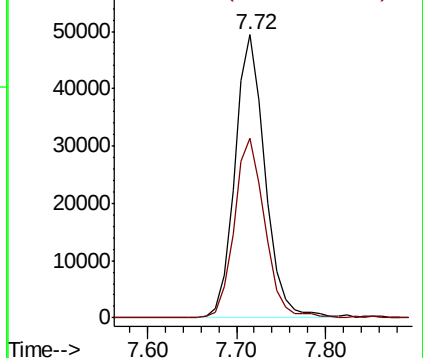
98 100

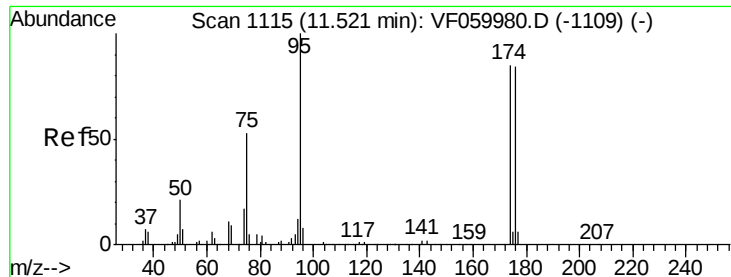
100 63.3 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

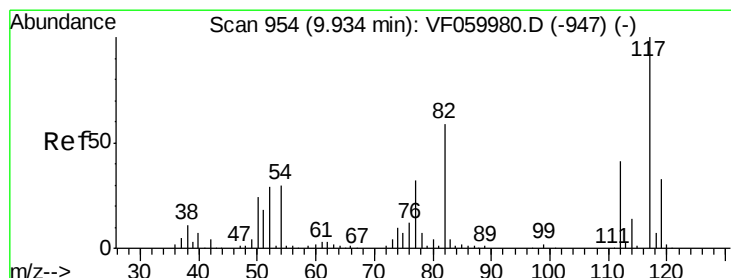
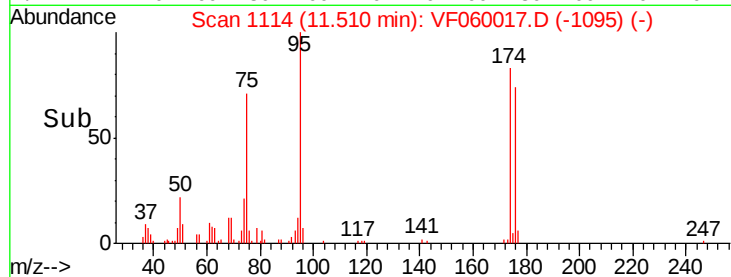
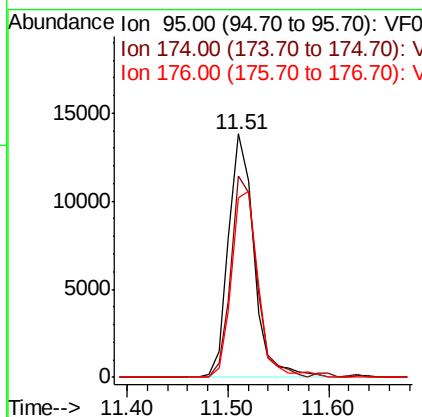
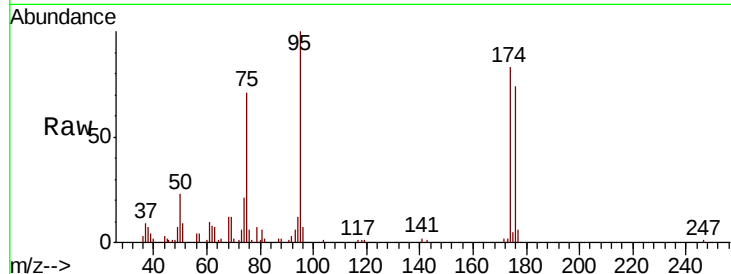




#62
4-Bromofluorobenzene
Concen: 14.03 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060017.D
Acq: 20 Aug 2018 22:11

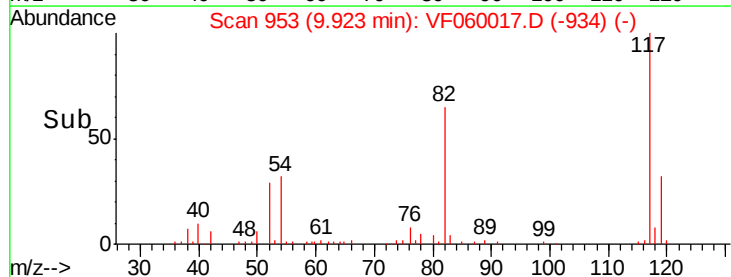
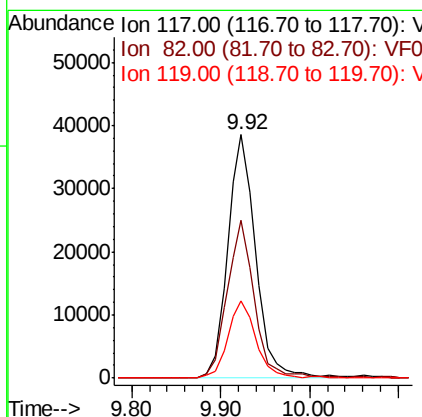
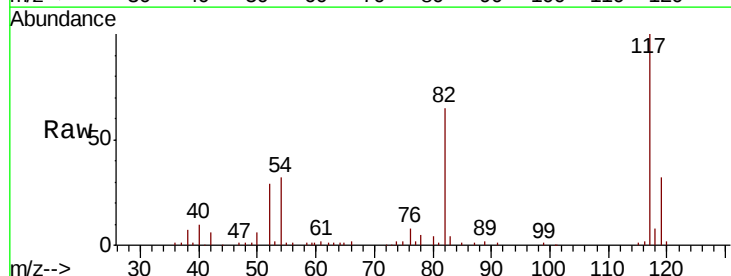
Instrument :
MSVOA_F
ClientSampleId :
EPE-P-9(30-36)

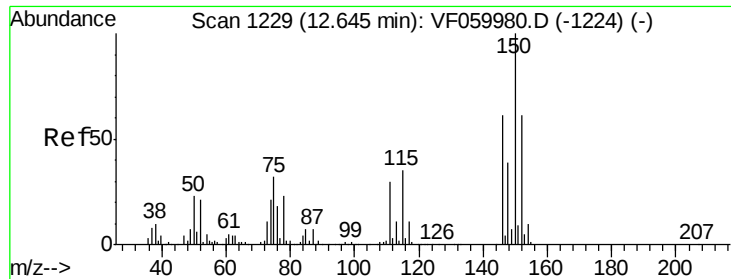
Tot Ion: 95 Resp: 24288
Ion Ratio Lower Upper
95 100
174 82.6 0.0 169.8
176 73.5 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF060017.D
Acq: 20 Aug 2018 22:11

Tgt Ion: 117 Resp: 84915
Ion Ratio Lower Upper
117 100
82 64.9 47.2 70.8
119 31.6 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VF060017.D

Acq: 20 Aug 2018 22:11

Instrument :

MSVOA_F

ClientSampleId :

EPE-P-9(30-36)

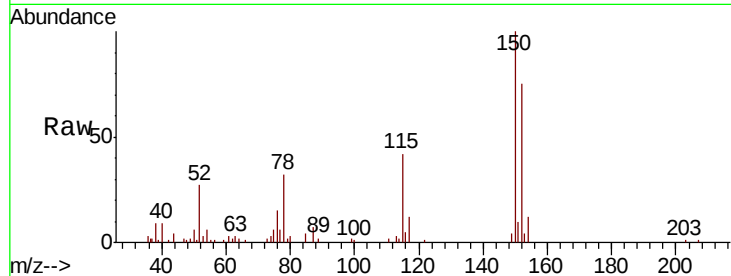
Tot Ion:152 Resp: 11995

Ion Ratio Lower Upper

152 100

115 55.4 29.1 87.3

150 133.4 0.0 330.2



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

