

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082018\
 Data File : VF060016.D
 Acq On : 20 Aug 2018 21:43
 Operator : VA/AP
 Sample : J4553-01
 Misc : 4.72g/5mL/MSVOA F/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-P-9(20-22)

Quant Time: Aug 21 05:46:34 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

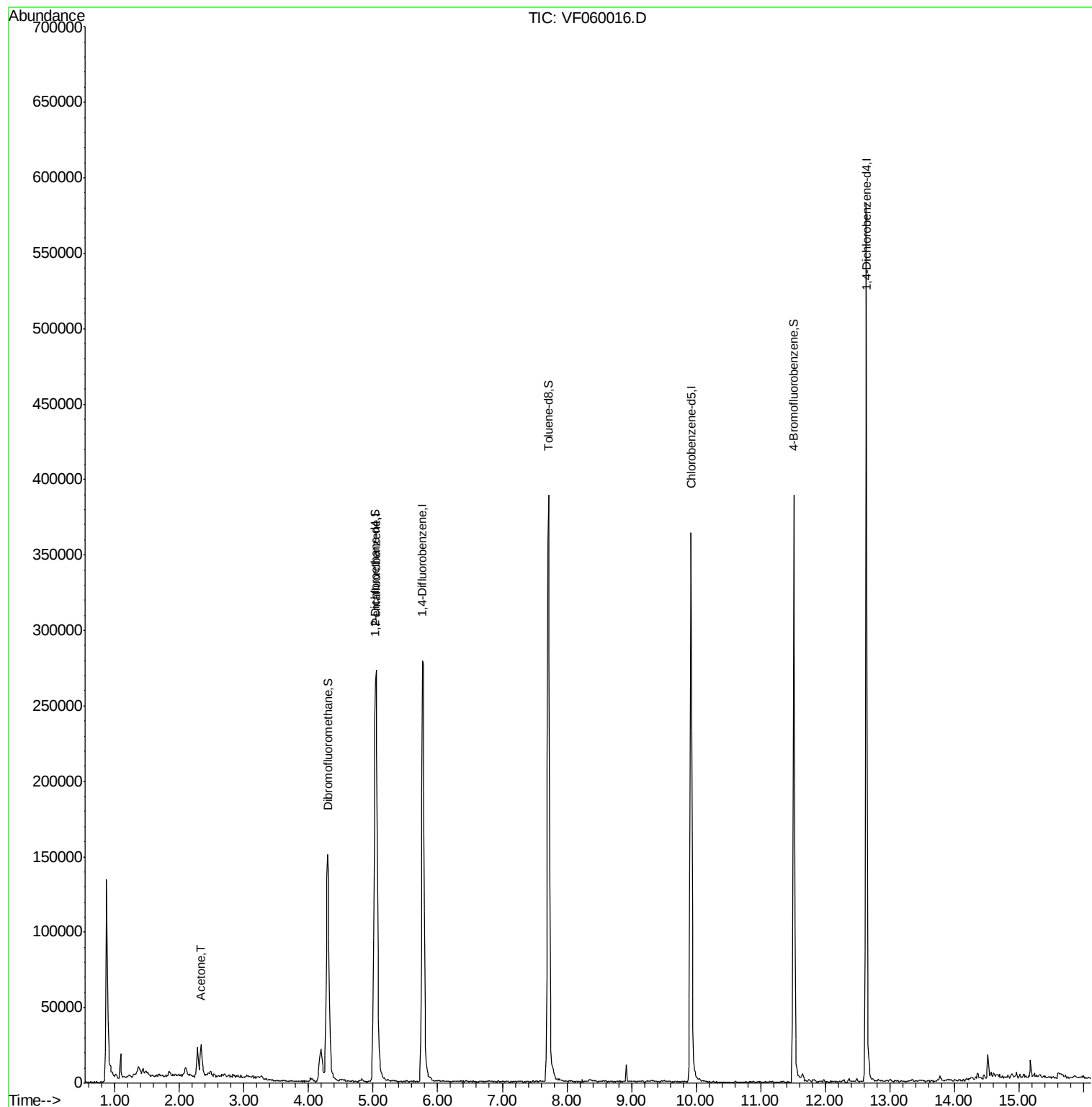
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	185344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	293934	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	240875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	134704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	151856	42.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.90%	
35) Dibromofluoromethane	4.30	113	136147	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.64%	
50) Toluene-d8	7.72	98	323321	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.51	95	122296	29.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.66%	
Target Compounds						
16) Acetone	2.33	43	33029	23.25	ug/l	Qvalue 97

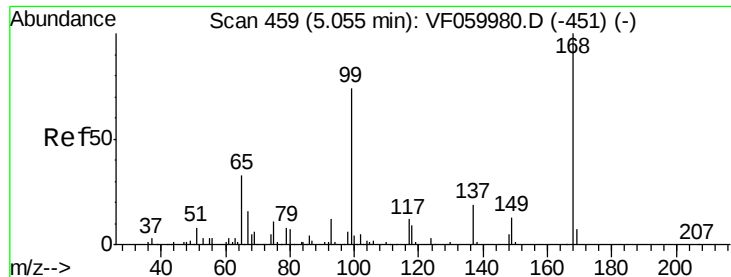
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

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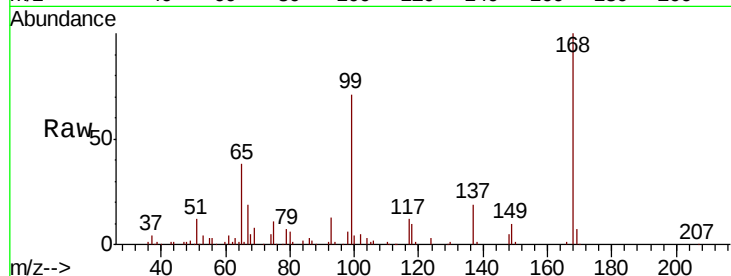
EPE-P-9(20-22)

Tot Ion:168 Resp: 185344

Ion Ratio Lower Upper

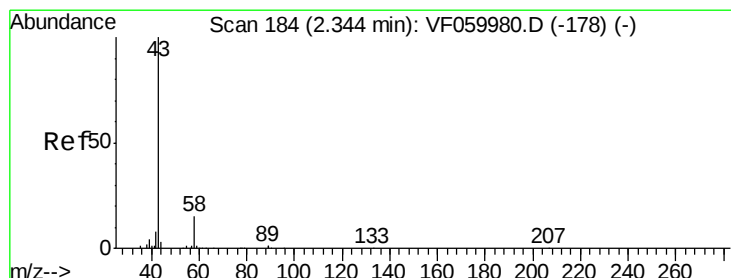
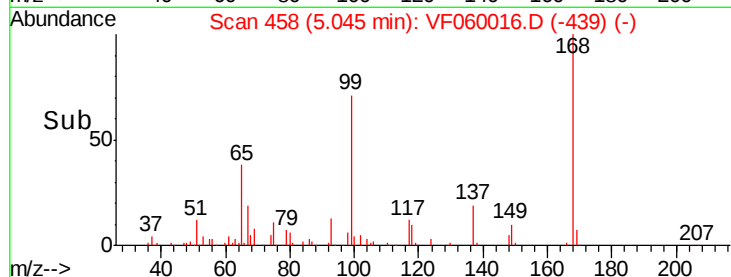
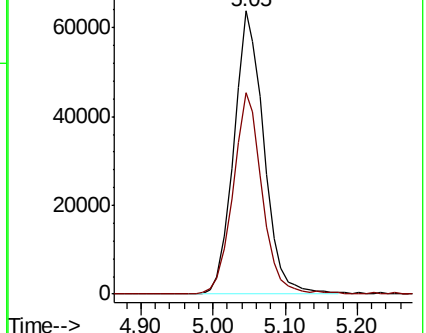
168 100

99 71.4 59.0 88.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 23.25 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.01 min

Lab File: VF060016.D

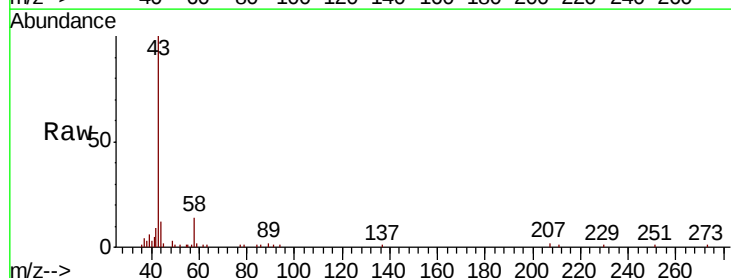
Acq: 20 Aug 2018 21:43

Tgt Ion: 43 Resp: 33029

Ion Ratio Lower Upper

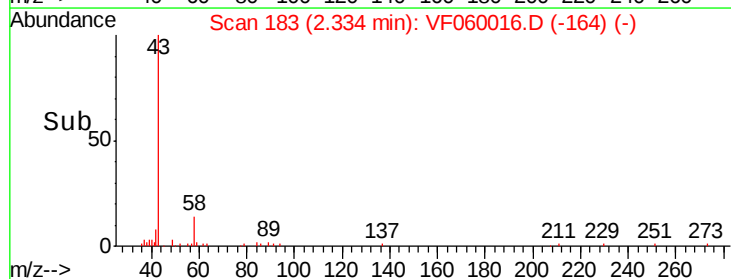
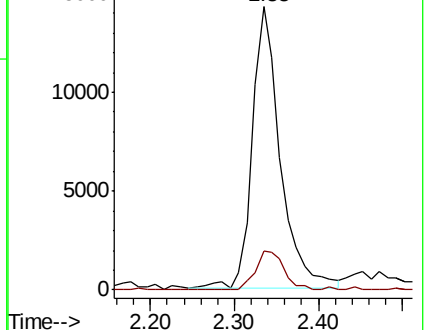
43 100

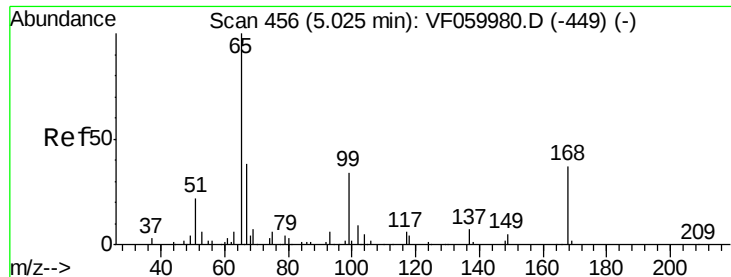
58 13.9 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

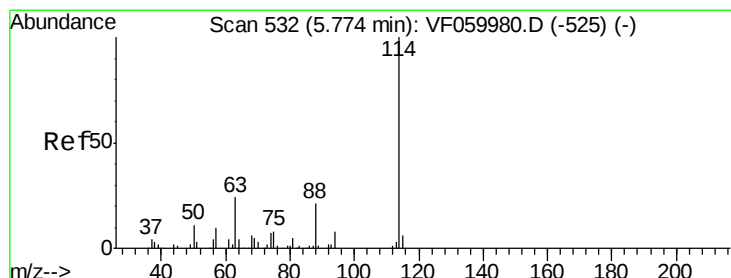
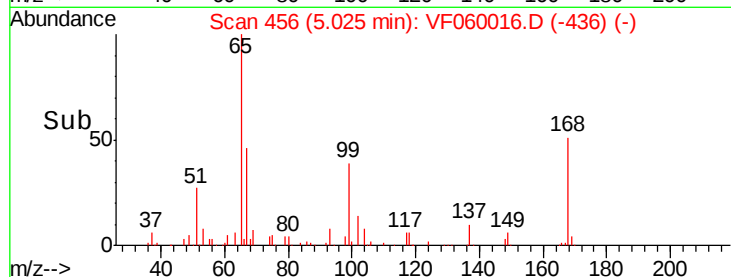
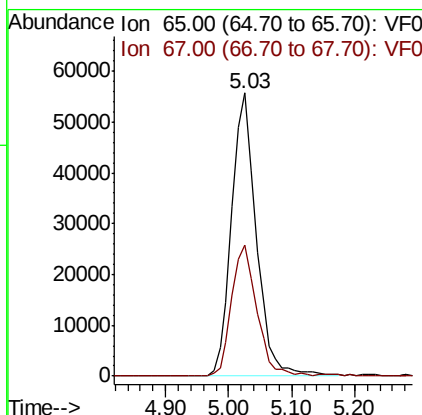
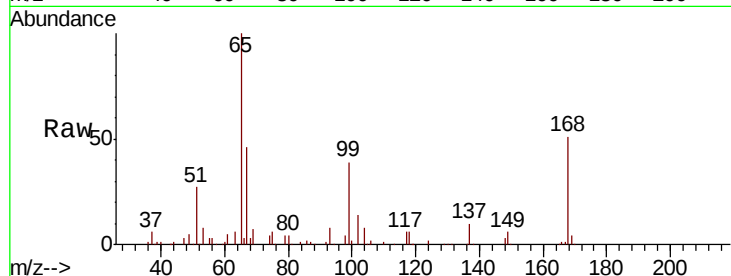




#33
 1,2-Dichloroethane-d4
 Concen: 42.45 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: VF060016.D
 Acq: 20 Aug 2018 21:43

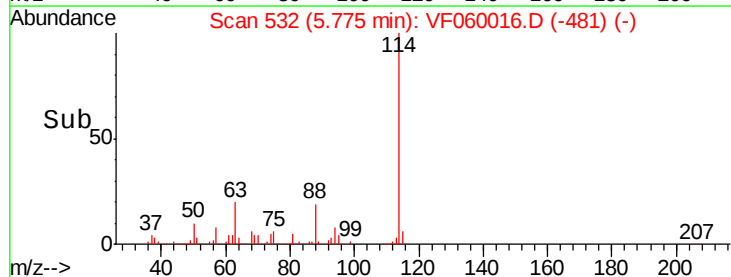
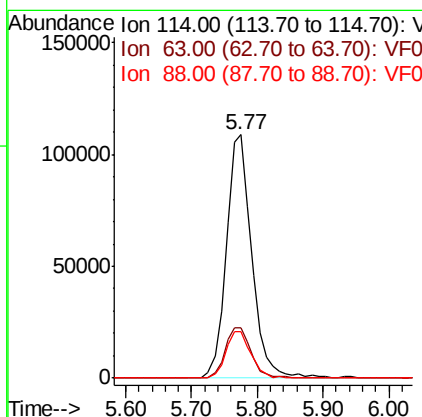
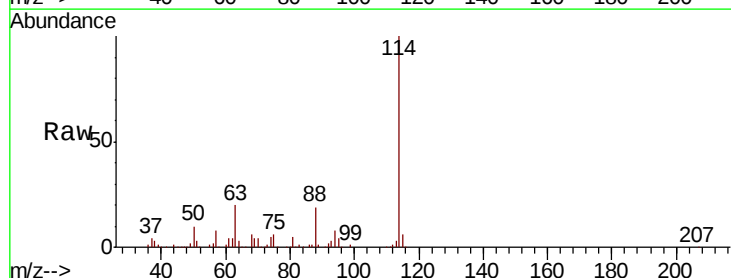
Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-P-9(20-22)

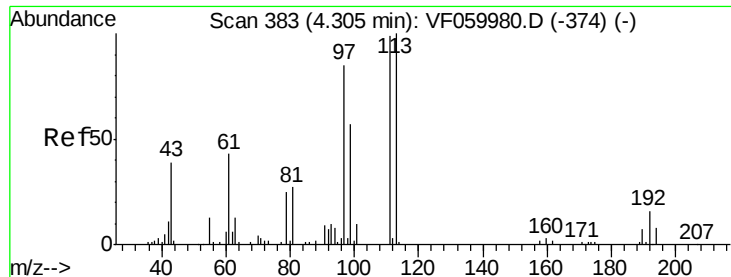
Tot Ion: 65 Resp: 151856
 Ion Ratio Lower Upper
 65 100
 67 46.4 0.0 82.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.77 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VF060016.D
 Acq: 20 Aug 2018 21:43

Tgt Ion: 114 Resp: 293934
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 48.6
 88 19.3 0.0 42.8

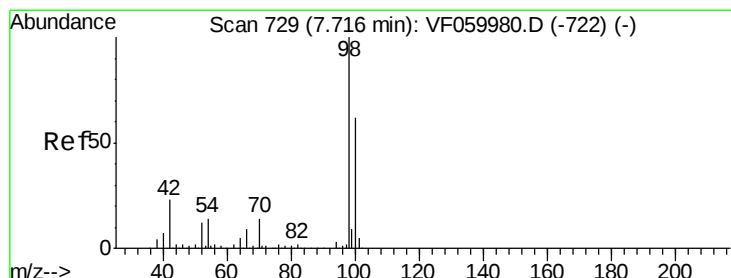
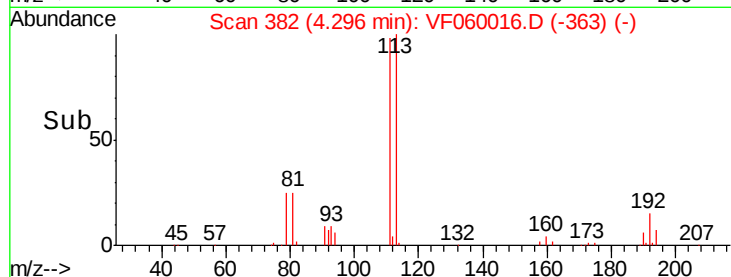
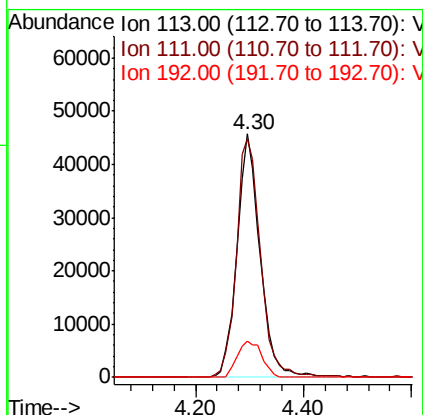
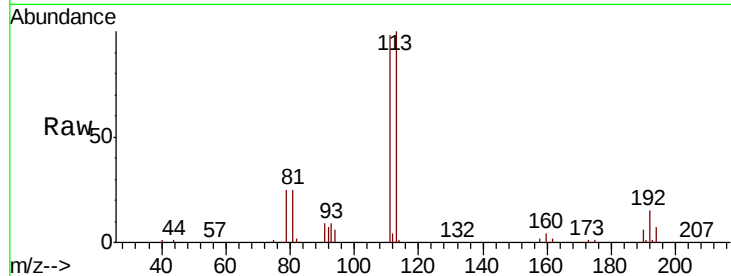




#35
 Dibromofluoromethane
 Concen: 45.32 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VF060016.D
 Acq: 20 Aug 2018 21:43

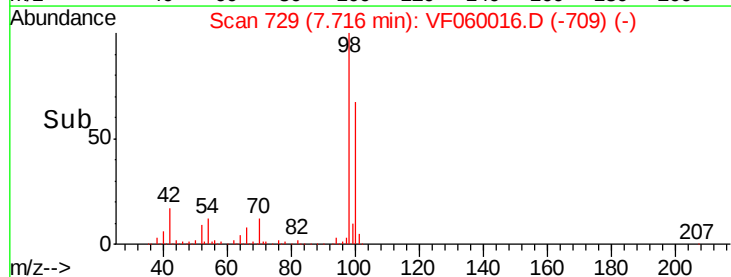
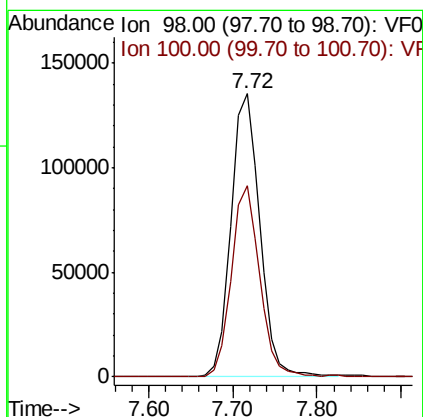
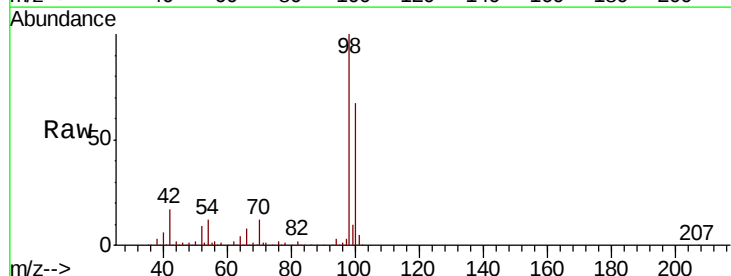
Instrument :
 MSVOA_F
 ClientSampleId :
 EPE-P-9(20-22)

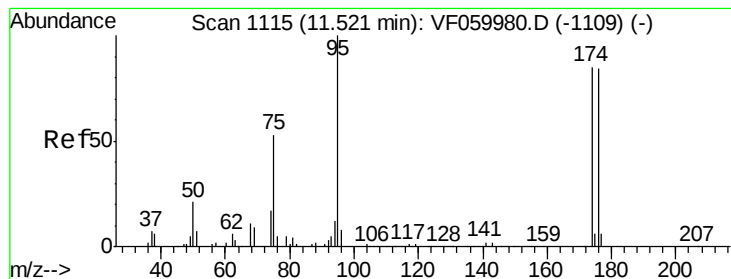
Tot Ion:113 Resp: 136147
 Ion Ratio Lower Upper
 113 100
 111 97.9 79.5 119.3
 192 15.0 12.4 18.6



#50
 Toluene-d8
 Concen: 48.40 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VF060016.D
 Acq: 20 Aug 2018 21:43

Tgt Ion: 98 Resp: 323321
 Ion Ratio Lower Upper
 98 100
 100 67.4 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 29.83 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. -0.01 min

Lab File: VF060016.D

Acq: 20 Aug 2018 21:43

Instrument :

MSVOA_F

ClientSampleId :

EPE-P-9(20-22)

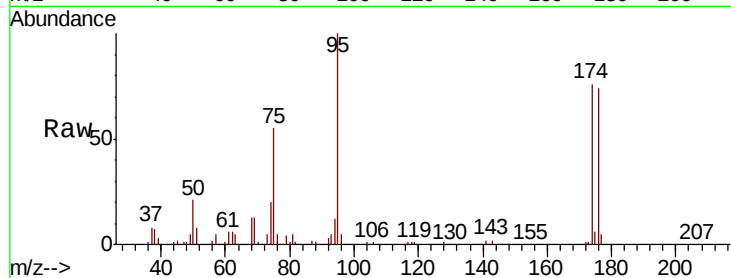
Tot Ion: 95 Resp: 122296

Ion Ratio Lower Upper

95 100

174 75.8 0.0 169.8

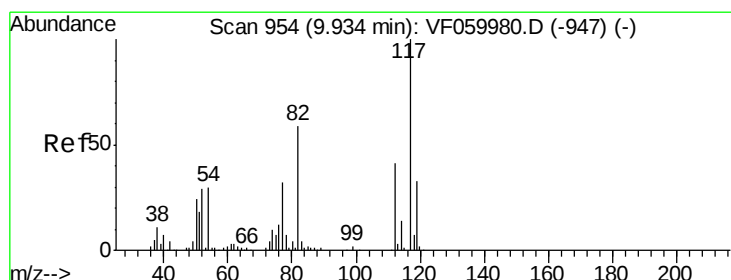
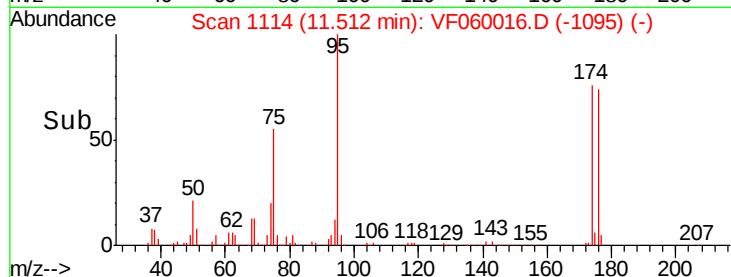
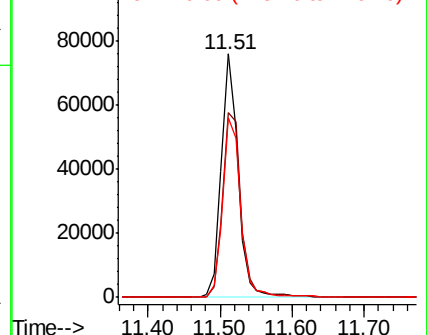
176 73.6 0.0 167.8



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.92 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF060016.D

Acq: 20 Aug 2018 21:43

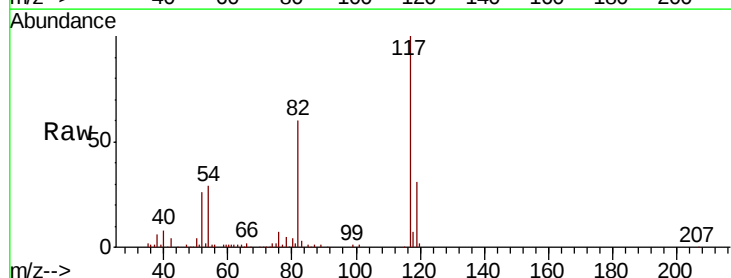
Tgt Ion: 117 Resp: 240875

Ion Ratio Lower Upper

117 100

82 60.0 47.2 70.8

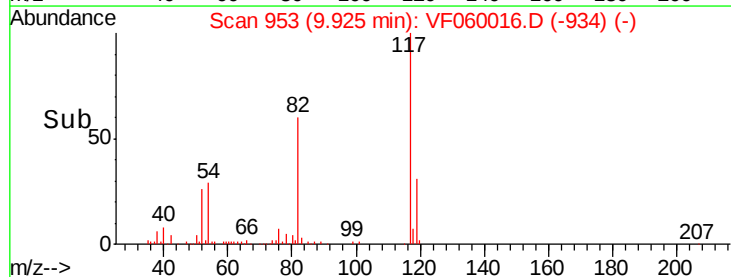
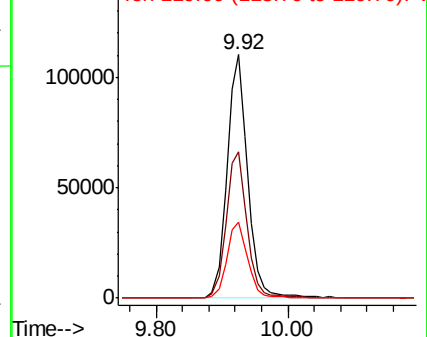
119 31.1 26.1 39.1

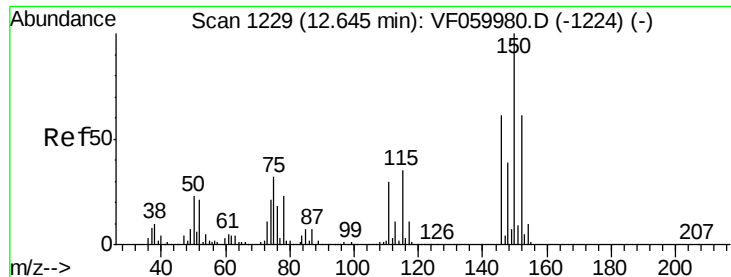


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VF060016.D

Acq: 20 Aug 2018 21:43

Instrument :

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ClientSampleId :

EPE-P-9(20-22)

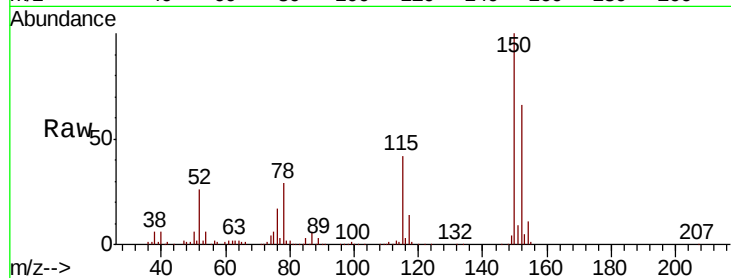
Tot Ion:152 Resp: 134704

Ion Ratio Lower Upper

152 100

115 63.8 29.1 87.3

150 151.6 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

