

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082818\
 Data File : VF060152.D
 Acq On : 28 Aug 2018 16:18
 Operator : VA/AP
 Sample : J4646-02RE
 Misc : 5.21g/5mL/MSVOA F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q4-A6RE

Quant Time: Aug 28 16:44:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

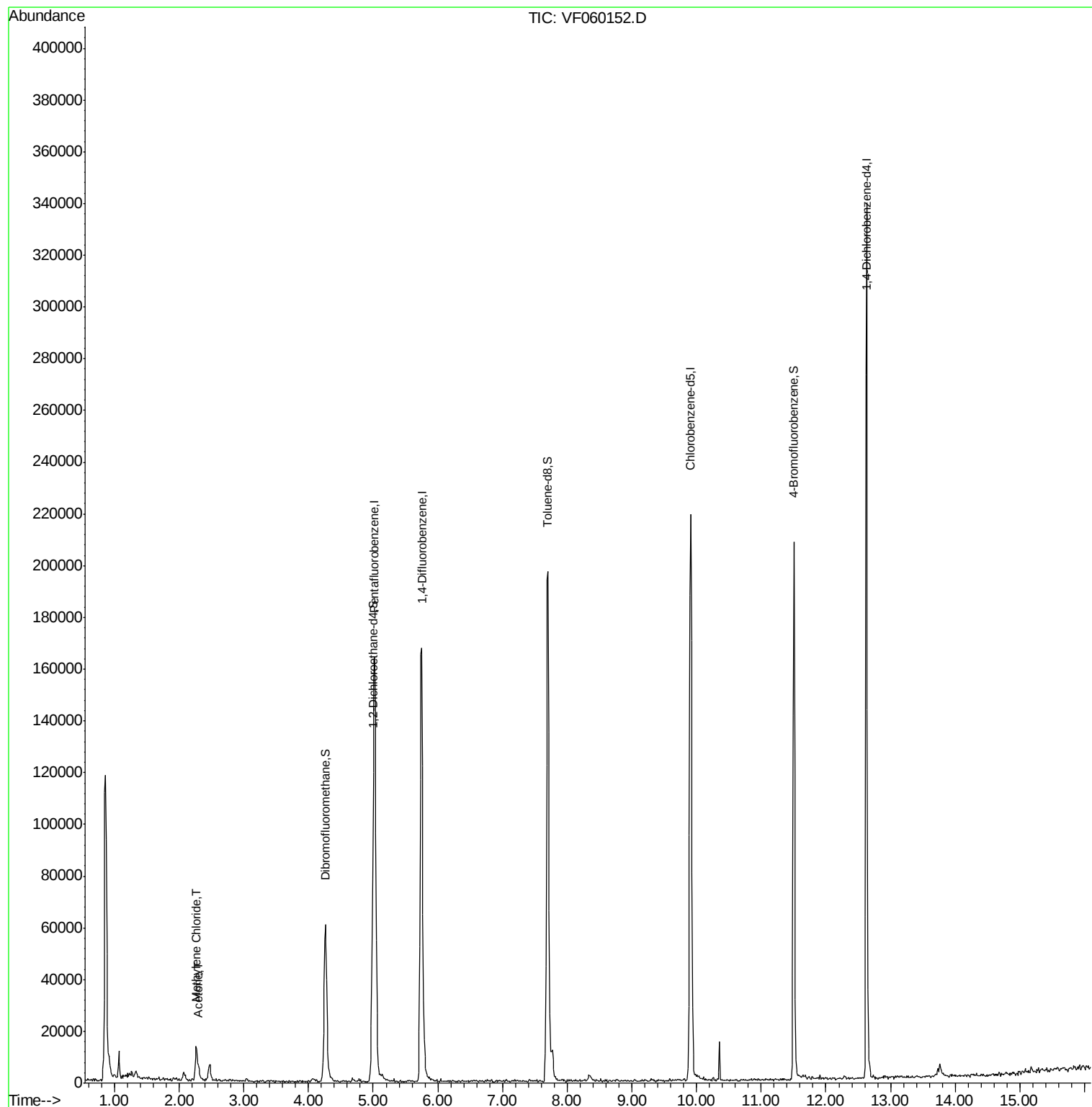
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	134884	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	178206	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	153550	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	83635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	46130	24.99	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	49.98%	
35) Dibromofluoromethane	4.26	113	55649	39.77	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	79.54%	
50) Toluene-d8	7.70	98	167448	42.13	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.26%	
62) 4-Bromofluorobenzene	11.51	95	67309	32.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.04%	
Target Compounds						
16) Acetone	2.30	43	4062	8.37	ug/l	94
20) Methylene Chloride	2.27	84	7119	2.59	ug/l #	74

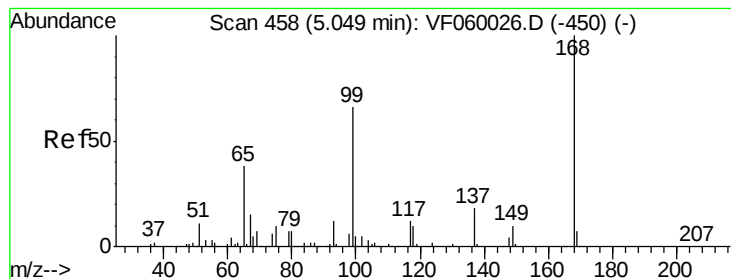
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.03 min

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Instrument :

MSVOA_F

ClientSampleId :

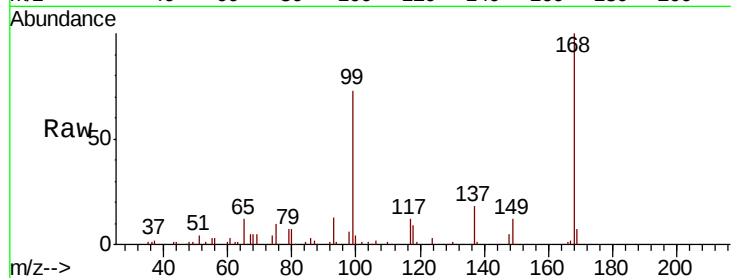
EP1-Q4-A6RE

Tot Ion:168 Resp: 134884

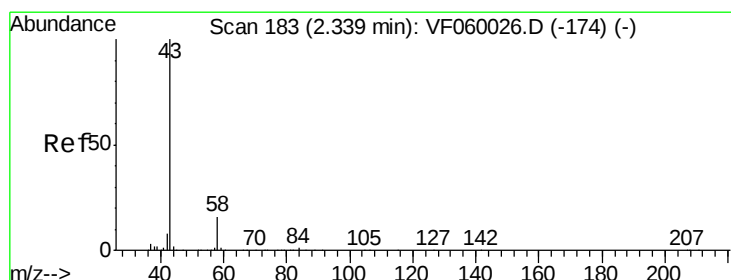
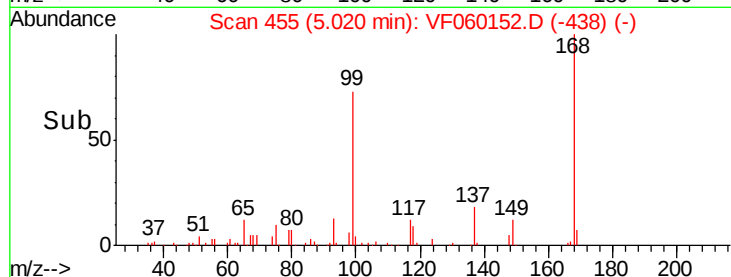
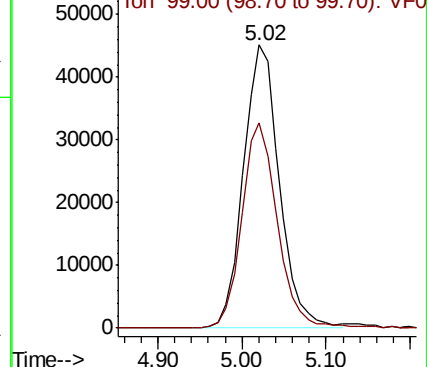
Ion Ratio Lower Upper

168 100

99 72.5 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0



#16

Acetone

Concen: 8.37 ug/l

RT: 2.30 min Scan# 179

Delta R.T. -0.04 min

Lab File: VF060152.D

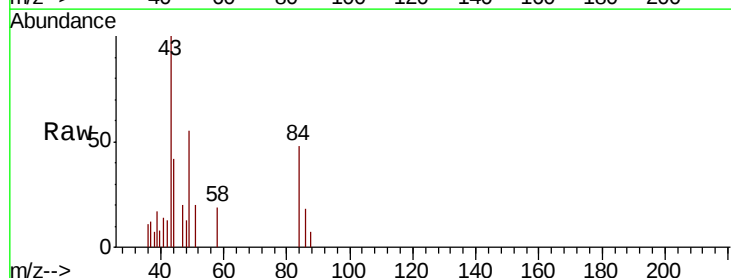
Acq: 28 Aug 2018 16:18

Tgt Ion: 43 Resp: 4062

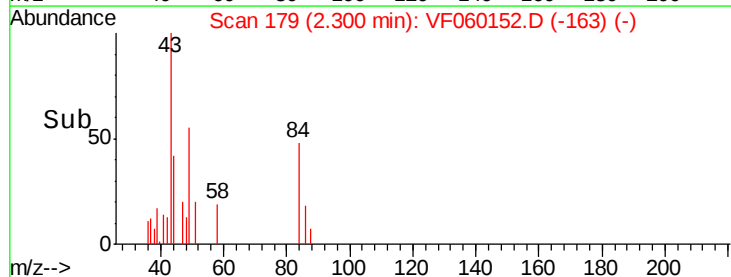
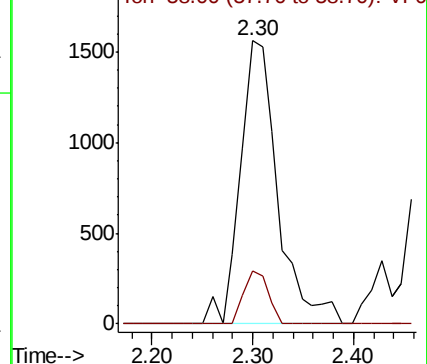
Ion Ratio Lower Upper

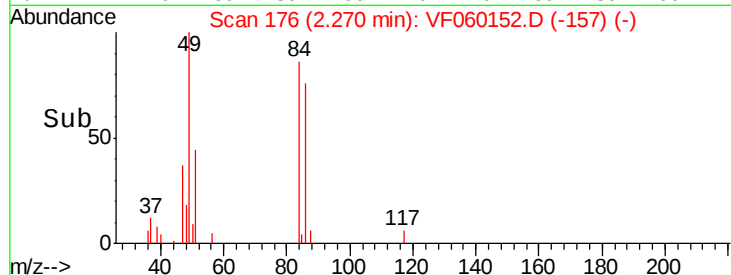
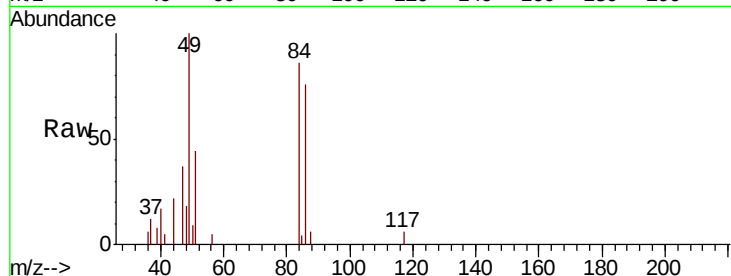
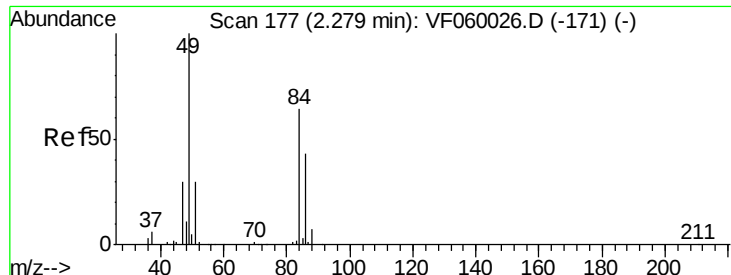
43 100

58 18.5 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

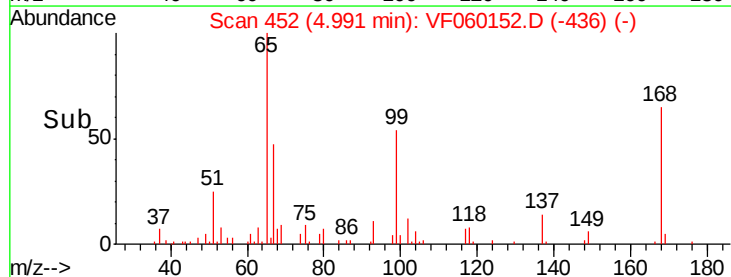
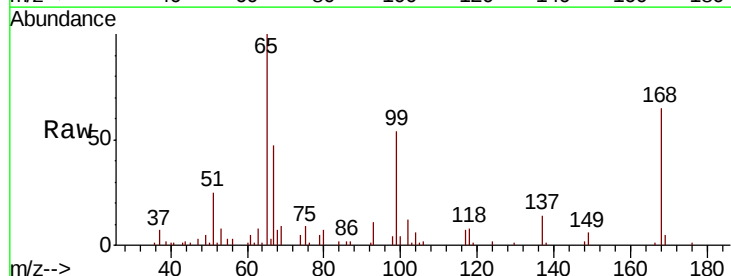
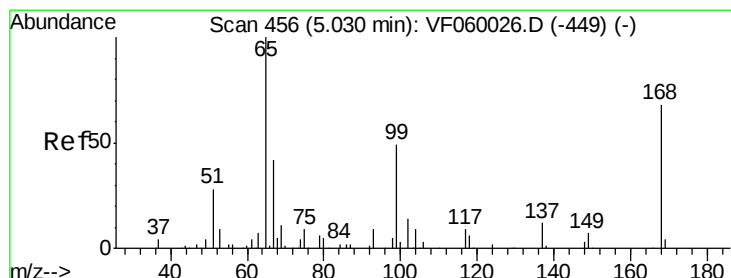
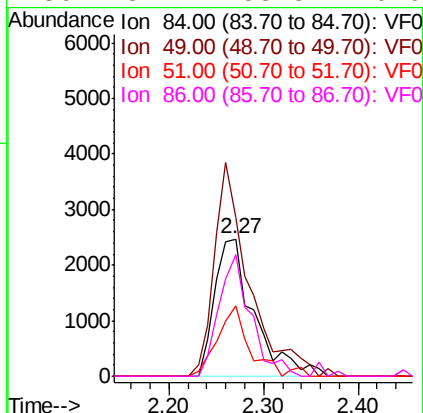




#20
Methvlene Chloride
Concen: 2.59 ug/l
RT: 2.27 min Scan# 176
Delta R.T. -0.01 min
Lab File: VF060152.D
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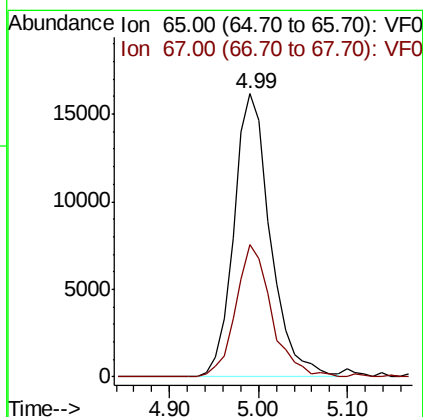
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A6RE

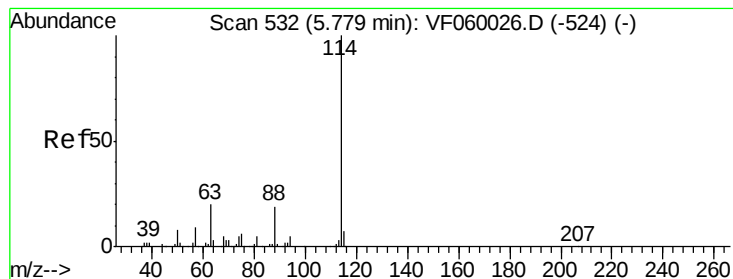
Tot Ion: 84 Resp: 7119
Ion Ratio Lower Upper
84 100
49 111.1 125.4 188.0#
51 49.2 38.3 57.5
86 84.7 53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 24.99 ug/l
RT: 4.99 min Scan# 452
Delta R.T. -0.04 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Tgt Ion: 65 Resp: 46130
Ion Ratio Lower Upper
65 100
67 46.7 0.0 92.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.03 min

Lab File: VF060152.D

Acq: 28 Aug 2018 16:18

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q4-A6RE

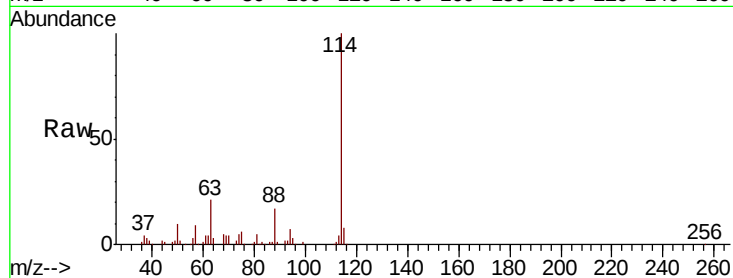
Tot Ion:114 Resp: 178206

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.4

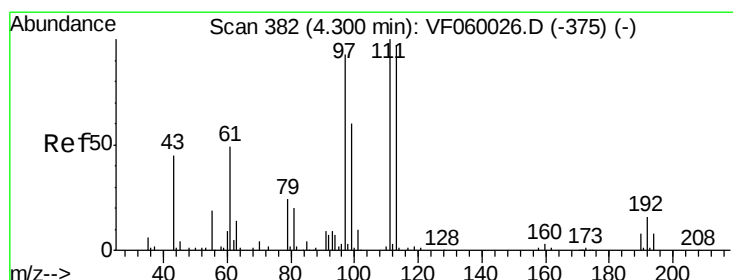
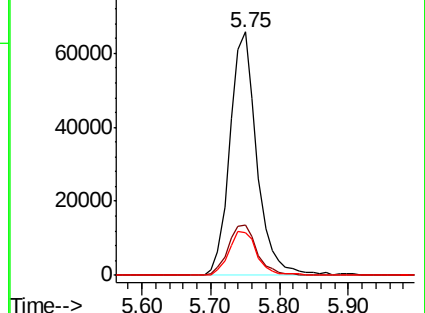
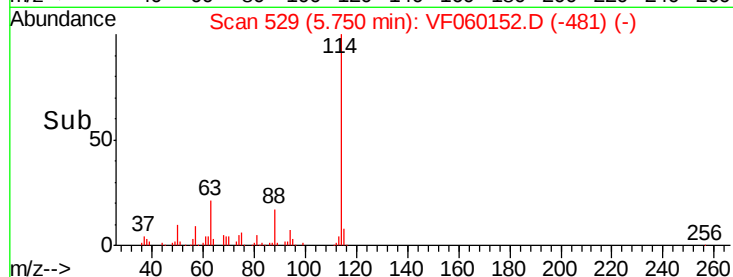
88 17.5 0.0 38.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 39.77 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.04 min

Lab File: VF060152.D

Acq: 28 Aug 2018 16:18

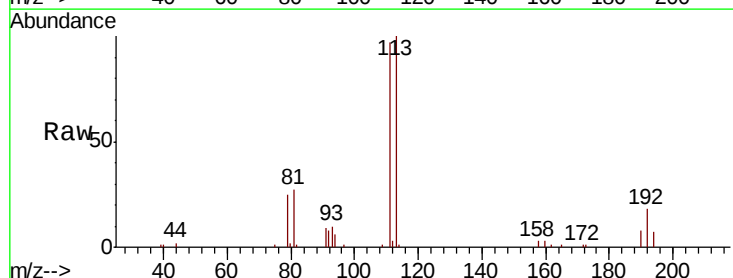
Tgt Ion:113 Resp: 55649

Ion Ratio Lower Upper

113 100

111 96.7 82.7 124.1

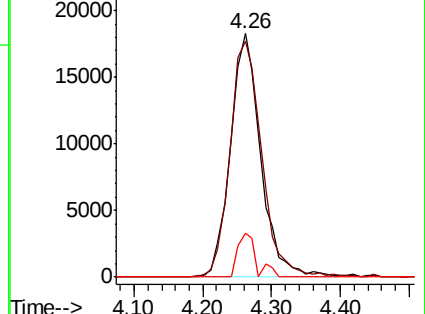
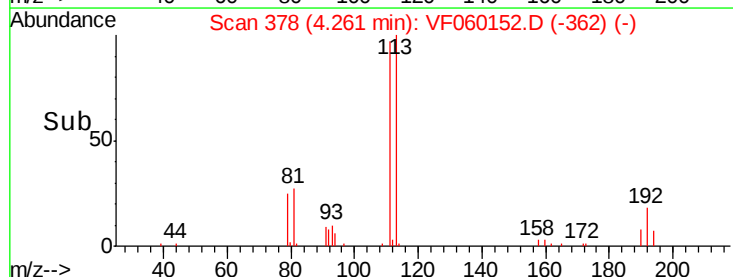
192 17.9 13.0 19.4

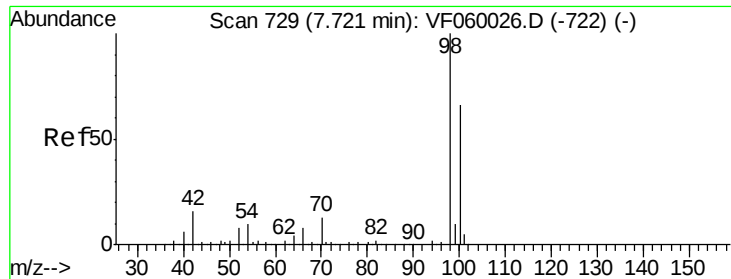


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

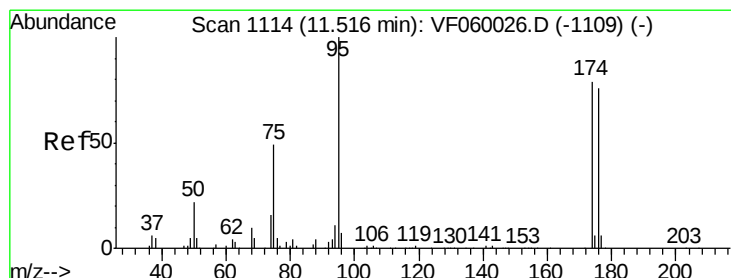
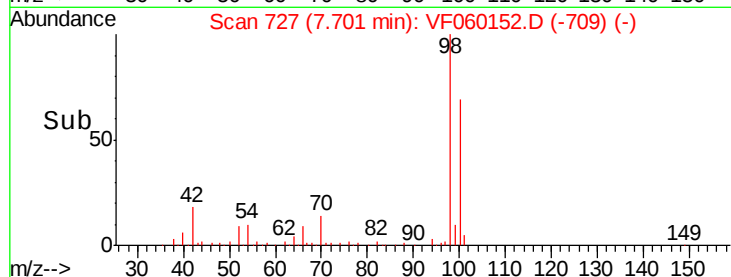
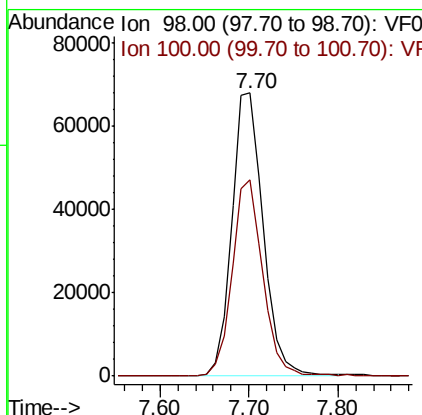
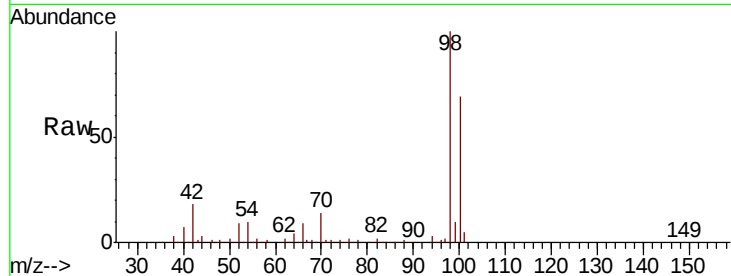




#50
Toluene-d8
Concen: 42.13 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.02 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

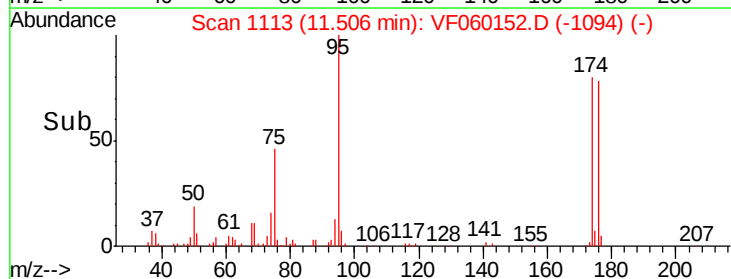
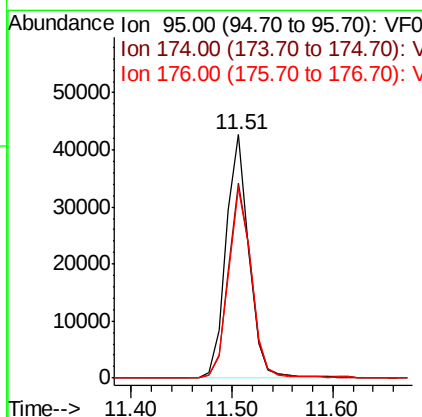
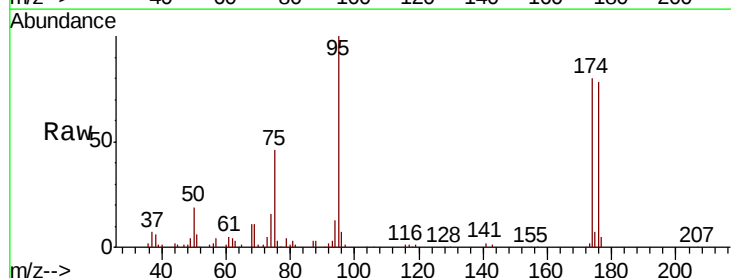
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A6RE

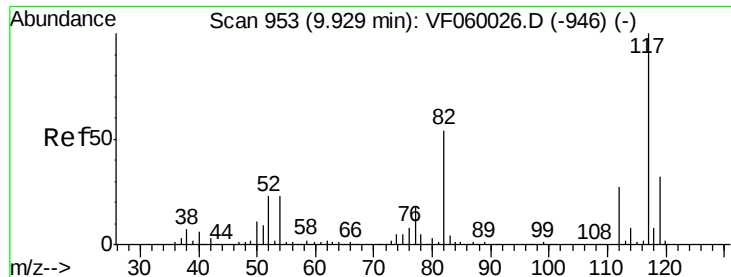
Tot Ion: 98 Resp: 167448
Ion Ratio Lower Upper
98 100
100 69.4 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 32.02 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Tgt Ion: 95 Resp: 67309
Ion Ratio Lower Upper
95 100
174 80.0 0.0 158.4
176 77.9 0.0 153.0

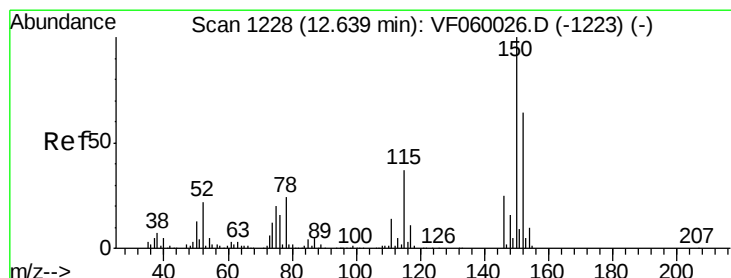
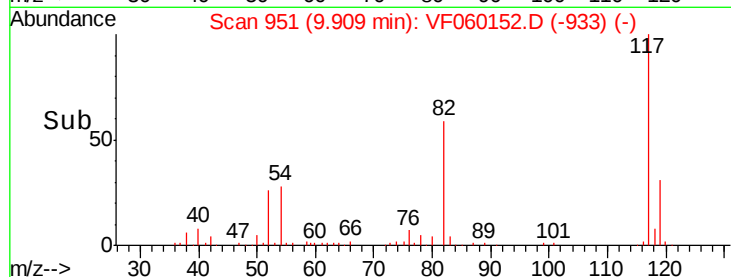
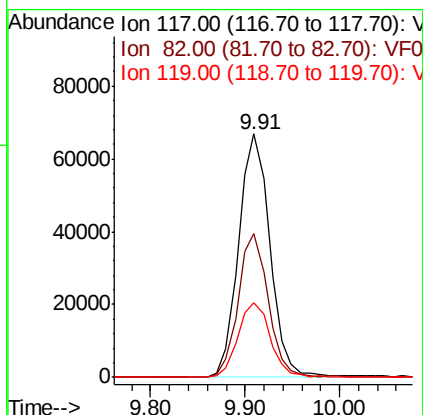
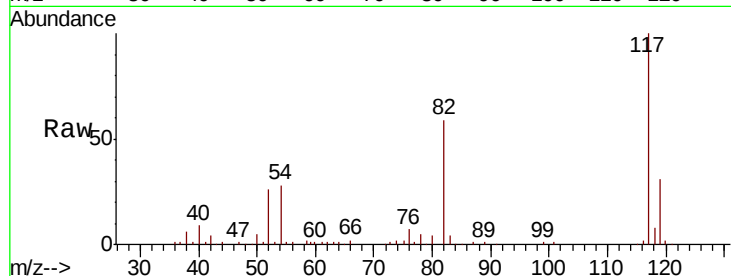




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q4-A6RE

Tot Ion:117 Resp: 153550
Ion Ratio Lower Upper
117 100
82 59.2 43.6 65.4
119 30.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF060152.D
Acq: 28 Aug 2018 16:18

Tgt Ion:152 Resp: 83635
Ion Ratio Lower Upper
152 100
115 57.8 28.6 85.9
150 156.4 0.0 312.0

