

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082418\
 Data File : VF060101.D
 Acq On : 24 Aug 2018 15:48
 Operator : VA/AP
 Sample : J4581-16
 Misc : 5.63g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 EP1-Q3-C4

Quant Time: Aug 27 15:58:02 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	5.04	168	166492	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.76	114	243077	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	281088	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	178554	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	108780	47.74	ug/l	-0.01
Spiked Amount						
			Recovery	=	95.48%	
35) Dibromofluoromethane	4.29	113	110599	57.94	ug/l	-0.01
Spiked Amount						
			Recovery	=	115.88%	
50) Toluene-d8	7.71	98	280806	51.80	ug/l	-0.01
Spiked Amount						
			Recovery	=	103.60%	
62) 4-Bromofluorobenzene	11.50	95	148060	51.63	ug/l	-0.01
Spiked Amount						
			Recovery	=	103.26%	

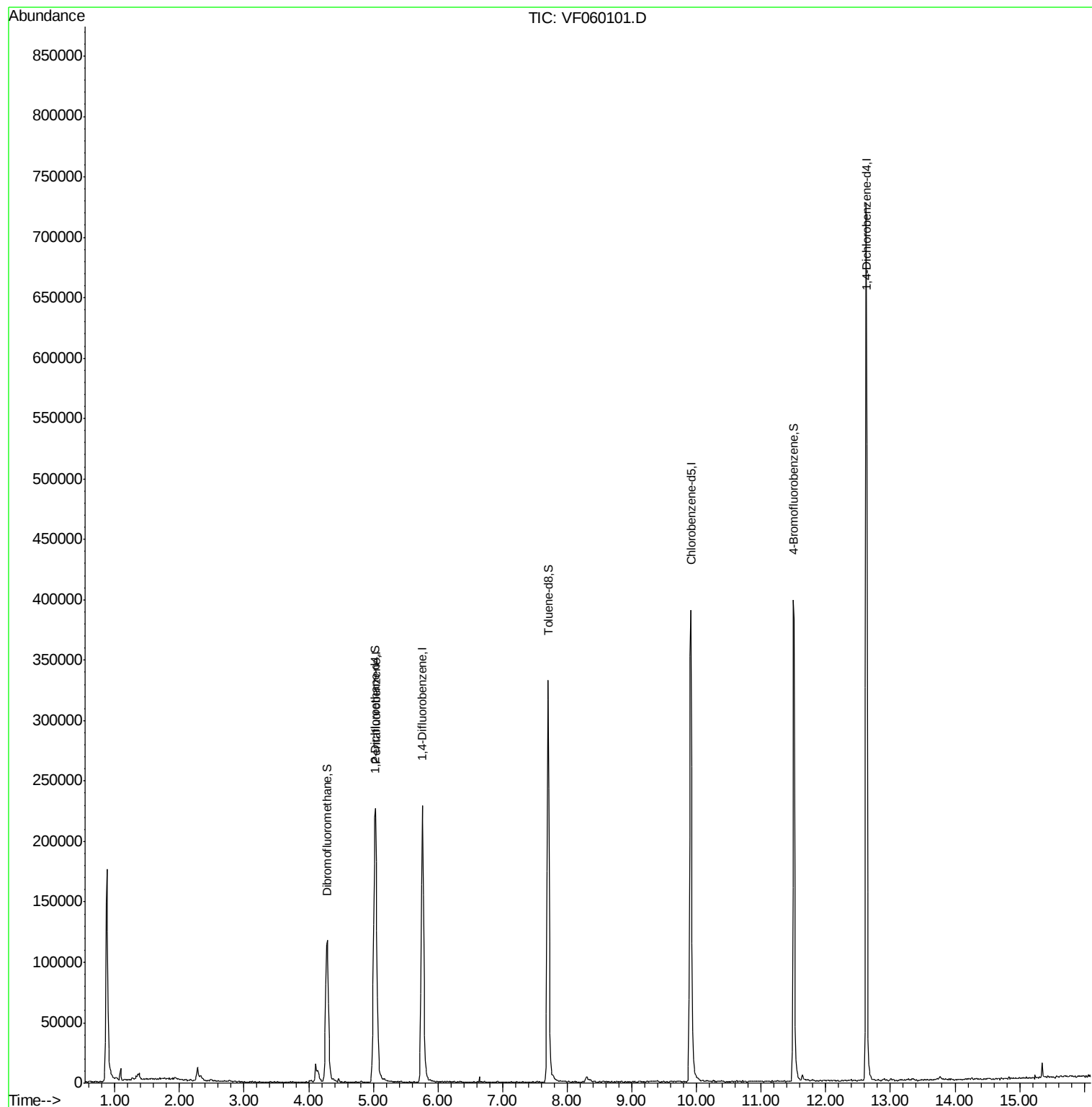
Target Compounds	Qvalue

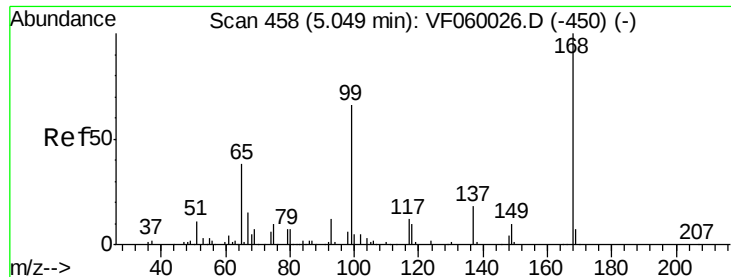
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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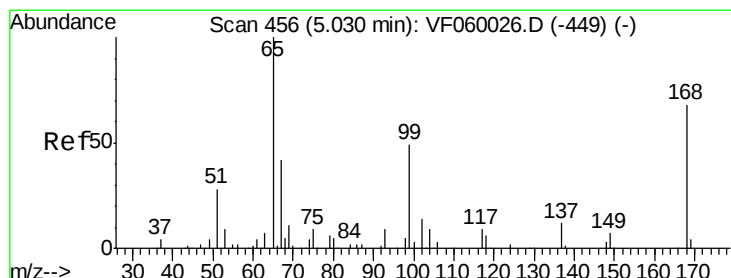
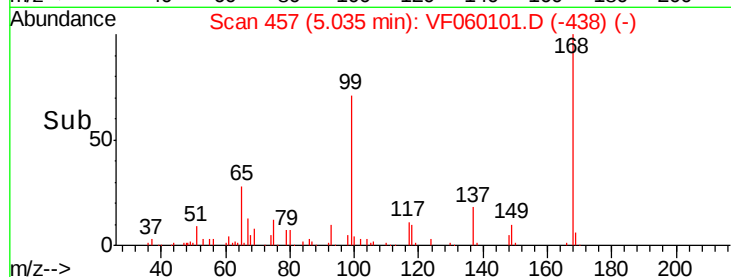
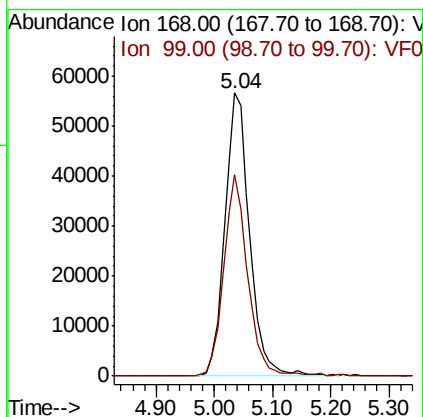
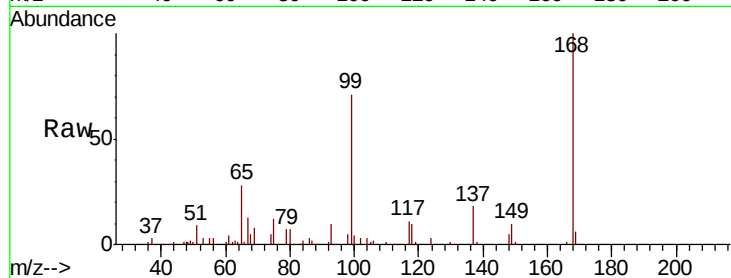




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.04 min Scan# 457
Delta R.T. -0.01 min
Lab File: VF060101.D
Acq: 24 Aug 2018 15:48

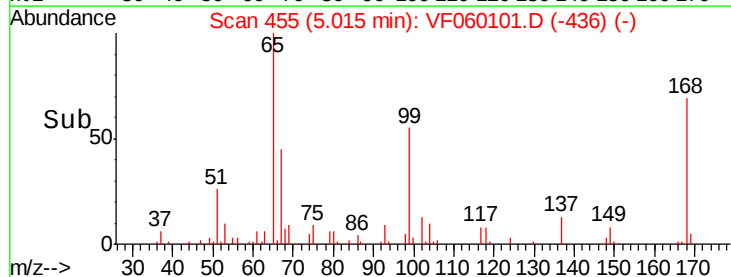
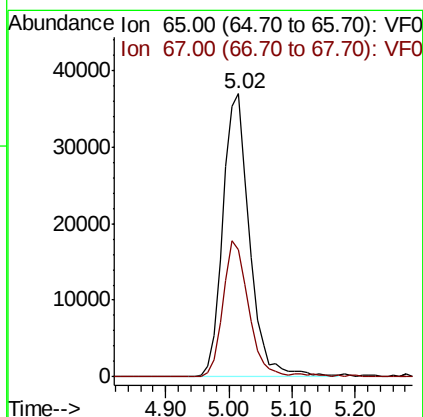
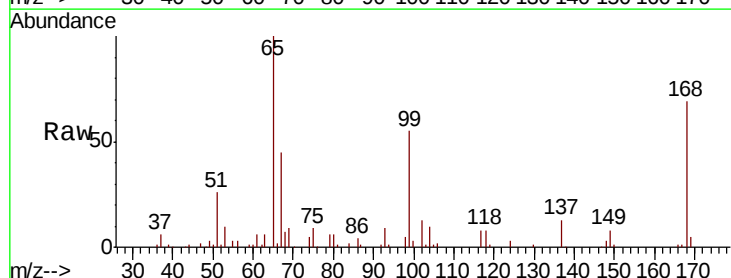
Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-C4

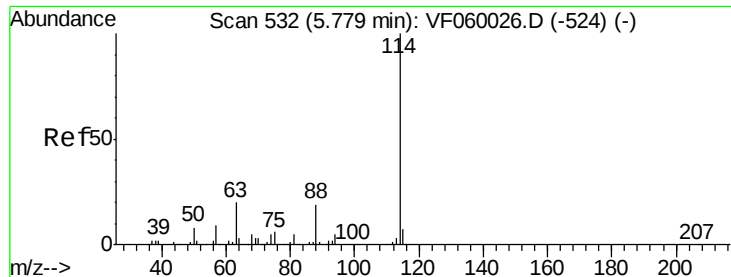
Tot Ion:168 Resp: 166492
Ion Ratio Lower Upper
168 100
99 71.0 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 47.74 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF060101.D
Acq: 24 Aug 2018 15:48

Tgt Ion: 65 Resp: 108780
Ion Ratio Lower Upper
65 100
67 44.9 0.0 92.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. -0.01 min

Lab File: VF060101.D

Acq: 24 Aug 2018 15:48

Instrument :

MSVOA_F

ClientSampleId :

EP1-Q3-C4

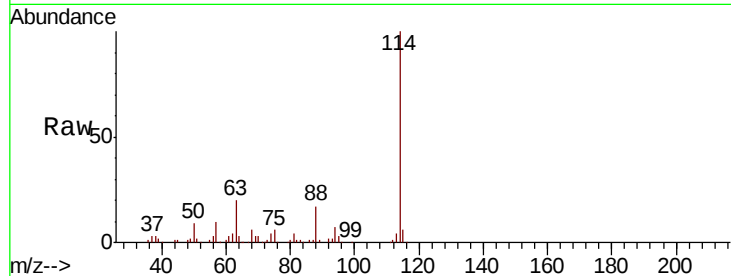
Tot Ion:114 Resp: 243077

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.4

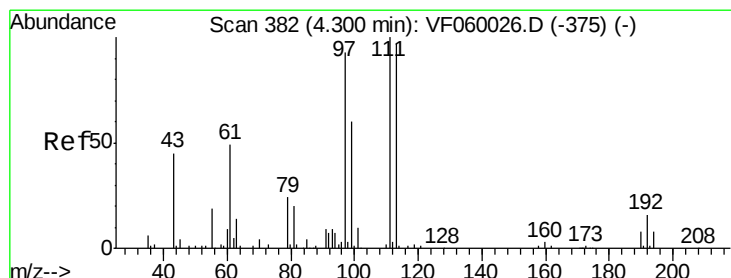
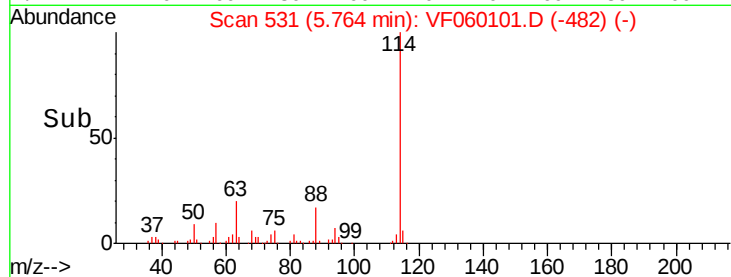
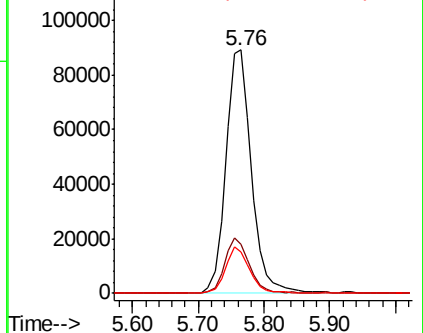
88 16.7 0.0 38.6



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: 57.94 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF060101.D

Acq: 24 Aug 2018 15:48

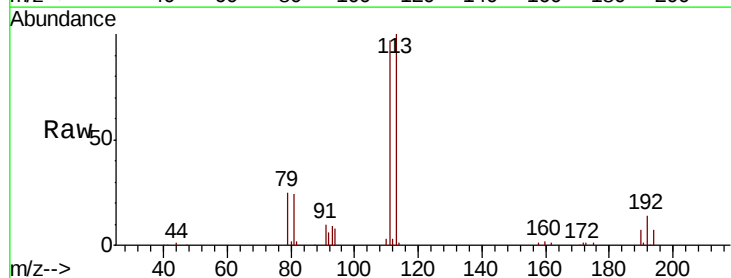
Tgt Ion:113 Resp: 110599

Ion Ratio Lower Upper

113 100

111 96.9 82.7 124.1

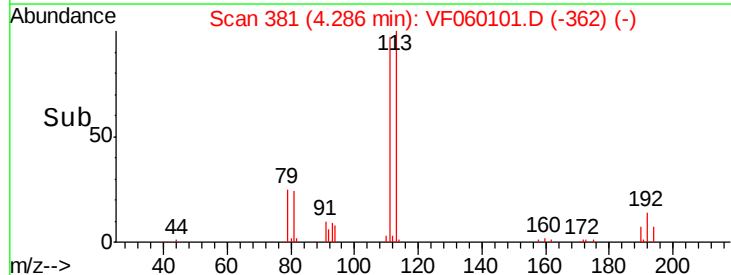
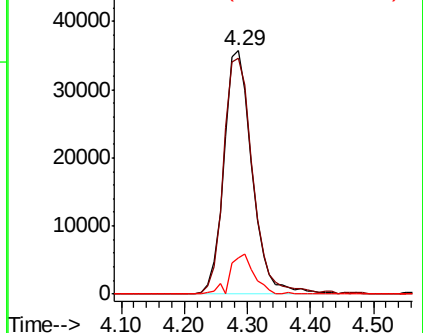
192 14.9 13.0 19.4

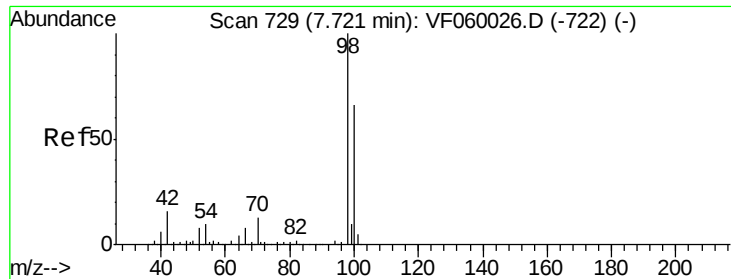


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 51.80 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.01 min

Lab File: VF060101.D

Acq: 24 Aug 2018 15:48

Instrument :

MSVOA_F

ClientSampleId :

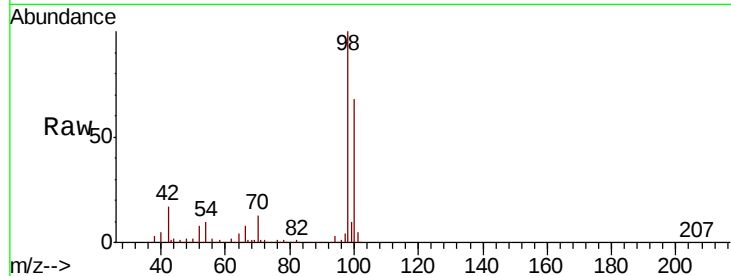
EP1-Q3-C4

Tot Ion: 98 Resp: 280806

Ion Ratio Lower Upper

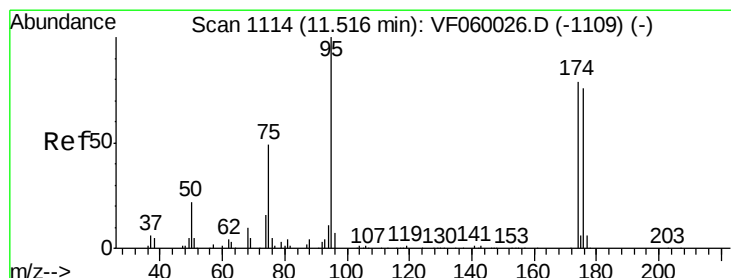
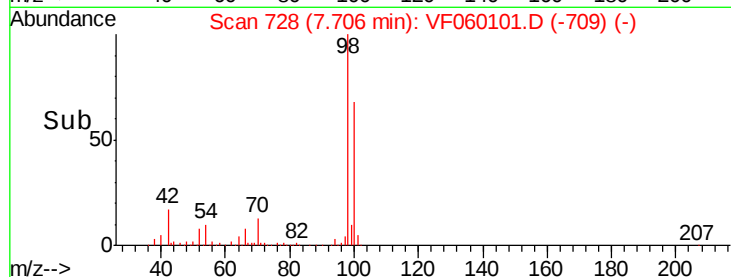
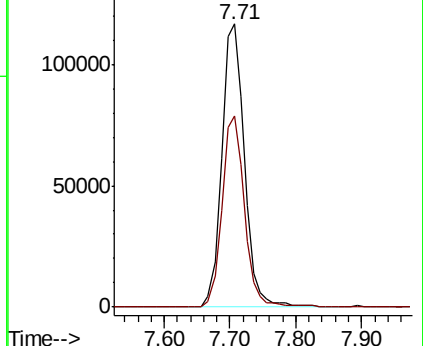
98 100

100 67.7 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 51.63 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF060101.D

Acq: 24 Aug 2018 15:48

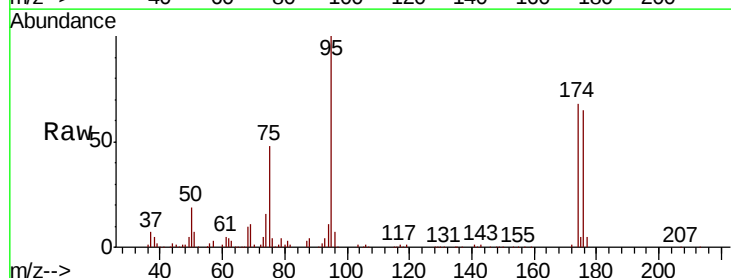
Tgt Ion: 95 Resp: 148060

Ion Ratio Lower Upper

95 100

174 67.7 0.0 158.4

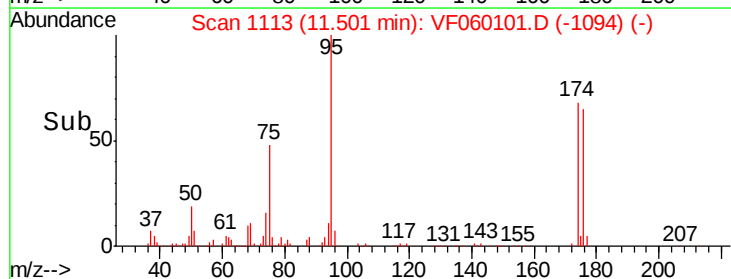
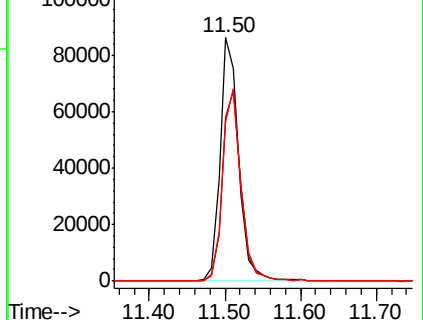
176 65.2 0.0 153.0

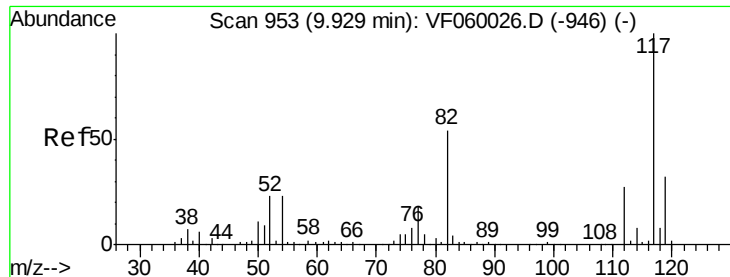


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

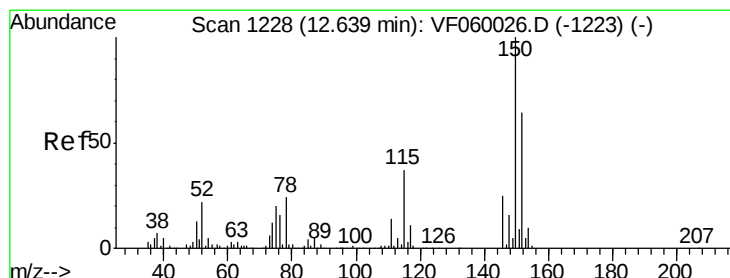
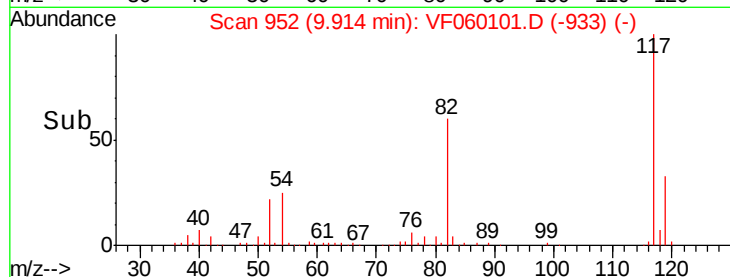
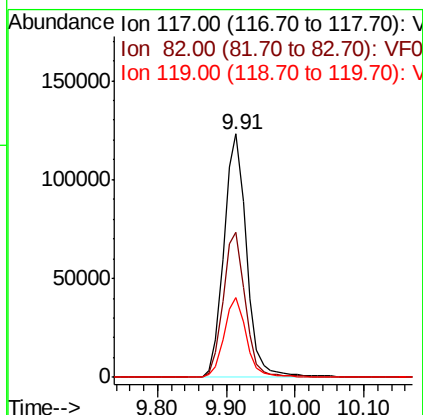
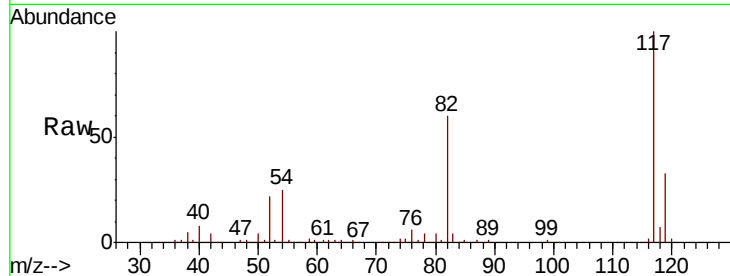




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.01 min
Lab File: VF060101.D
Acq: 24 Aug 2018 15:48

Instrument :
MSVOA_F
ClientSampleId :
EP1-Q3-C4

Tot Ion:117 Resp: 281088
Ion Ratio Lower Upper
117 100
82 59.7 43.6 65.4
119 33.0 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: VF060101.D
Acq: 24 Aug 2018 15:48

Tgt Ion:152 Resp: 178554
Ion Ratio Lower Upper
152 100
115 61.1 28.6 85.9
150 152.2 0.0 312.0

