

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082818\
 Data File : VF060163.D
 Acq On : 28 Aug 2018 21:20
 Operator : VA/AP
 Sample : J4280-03
 Misc : 6.25u/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-05-082418-B

Quant Time: Aug 29 04:57:00 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	5.03	168	103476	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	122192	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	97493	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	31820	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	35724	25.23	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	50.46%	
35) Dibromofluoromethane	4.28	113	41781	43.54	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.08%	
50) Toluene-d8	7.71	98	102550	37.63	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	75.26%	
62) 4-Bromofluorobenzene	11.51	95	32466	22.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.04%	

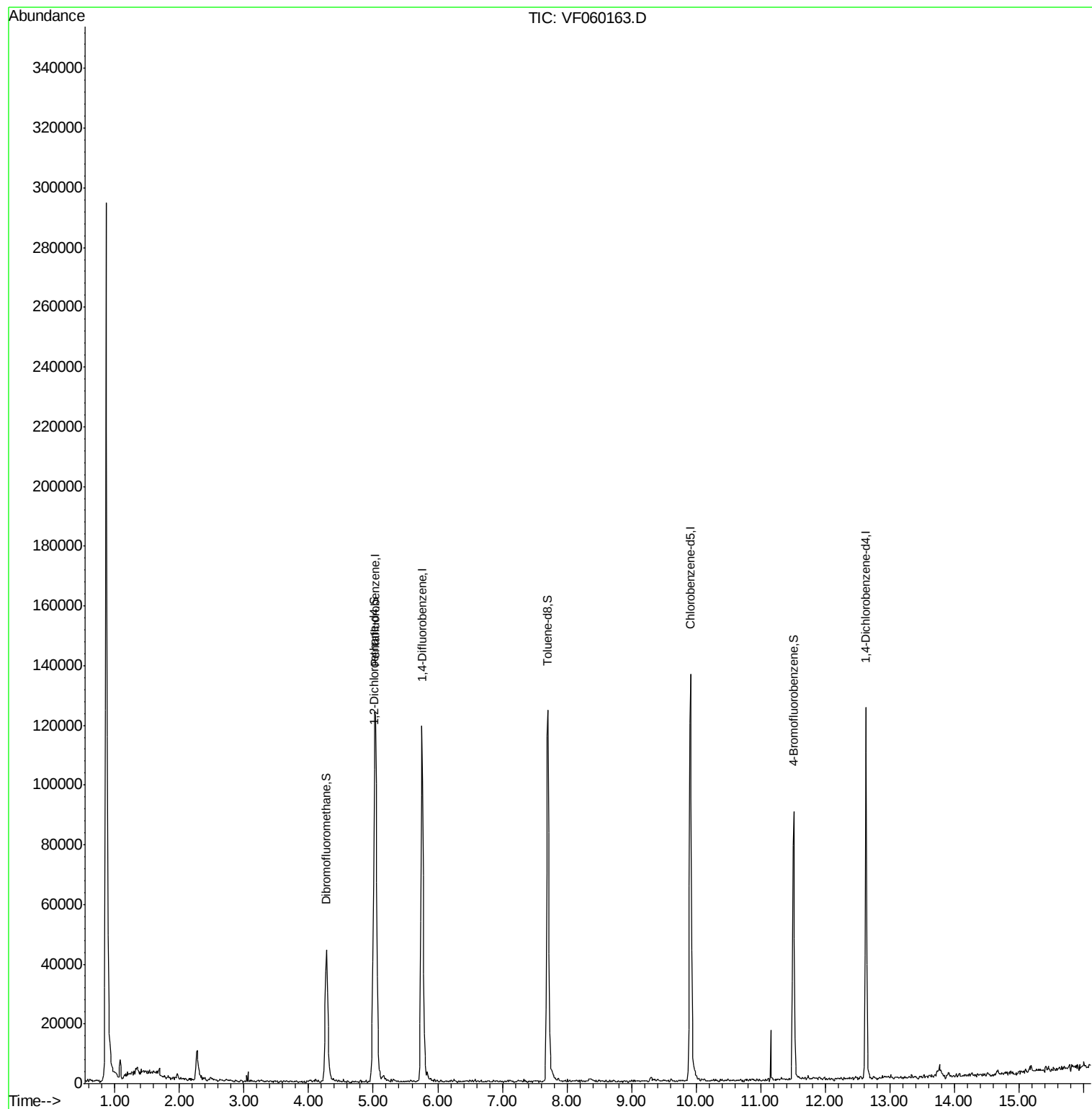
Target Compounds	Qvalue

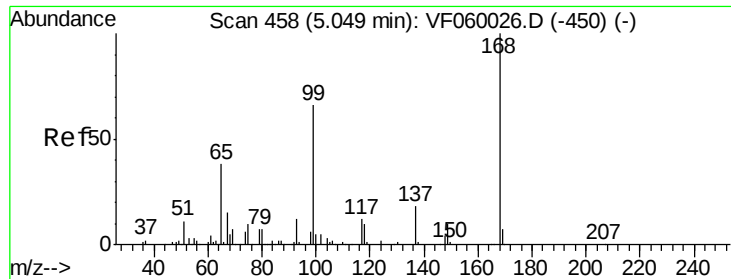
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.02 min

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ClientSampleId :

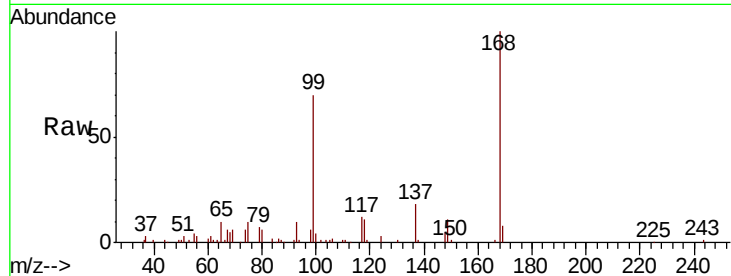
PL-05-082418-B

Tot Ion:168 Resp: 103476

Ion Ratio Lower Upper

168 100

99 69.7 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.03

40000

30000

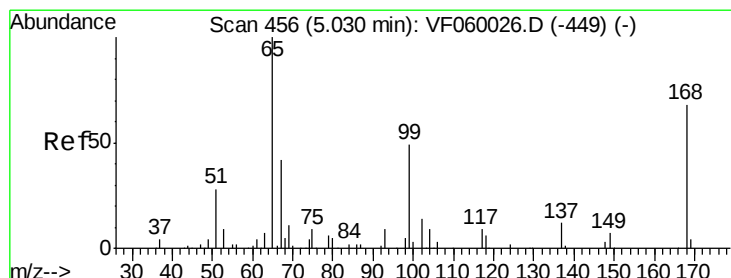
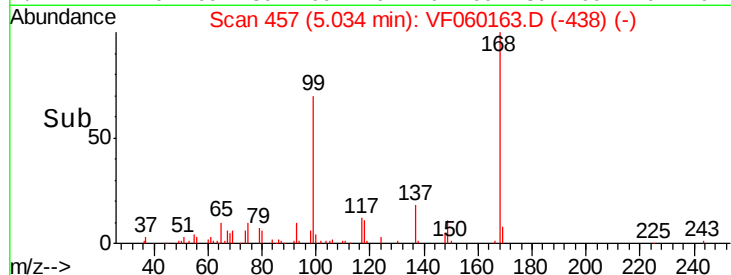
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 25.23 ug/l

RT: 5.00 min Scan# 454

Delta R.T. -0.02 min

Lab File: VF060163.D

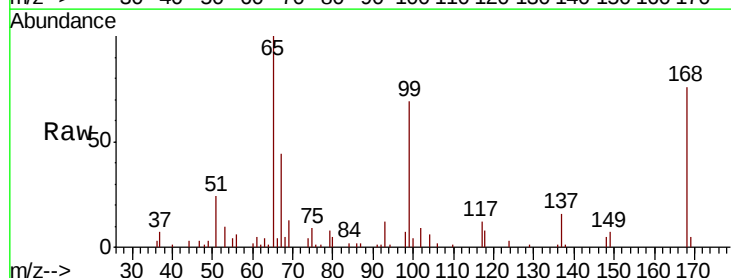
Acq: 28 Aug 2018 21:20

Tgt Ion: 65 Resp: 35724

Ion Ratio Lower Upper

65 100

67 44.1 0.0 92.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

15000

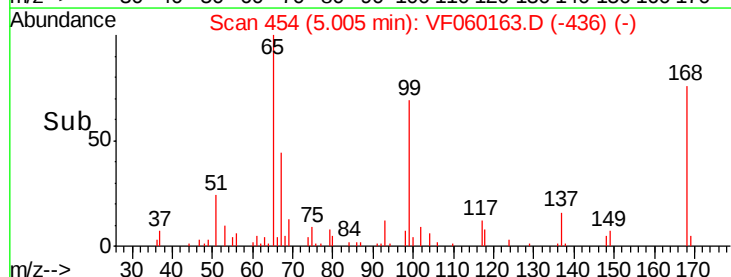
10000

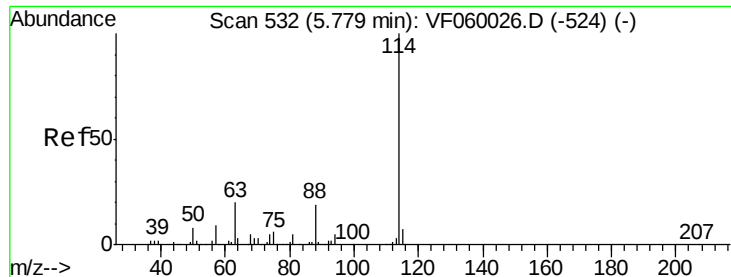
5000

0

Time-->

4.90 5.00 5.10





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF060163.D

Acq: 28 Aug 2018 21:20

Instrument :

MSVOA_F

ClientSampleId :

PL-05-082418-B

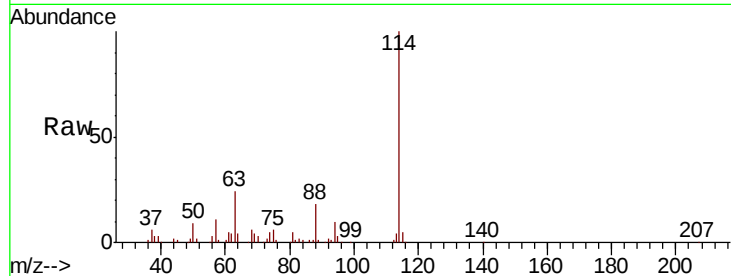
Tot Ion:114 Resp: 122192

Ion Ratio Lower Upper

114 100

63 24.2 0.0 40.4

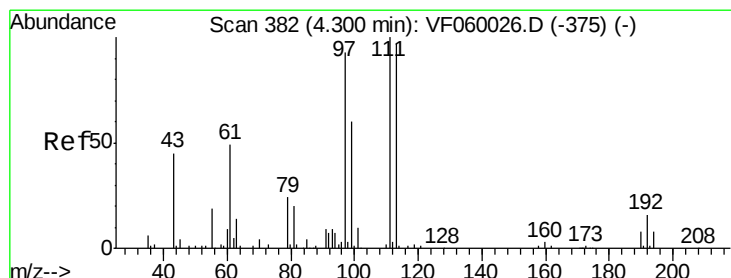
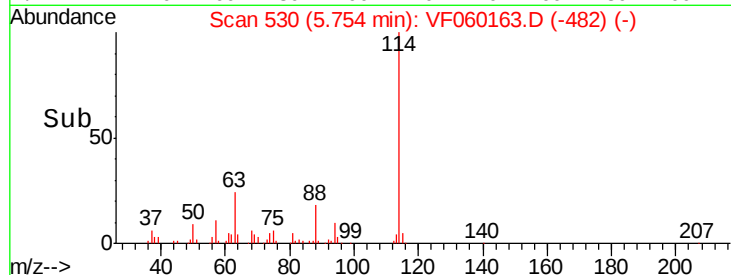
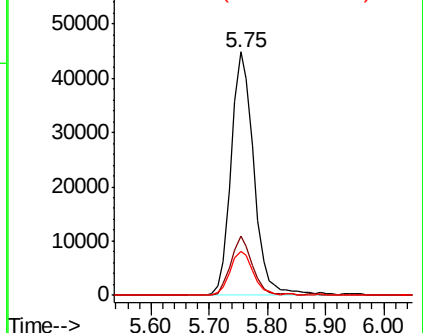
88 18.2 0.0 38.6



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: 43.54 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.02 min

Lab File: VF060163.D

Acq: 28 Aug 2018 21:20

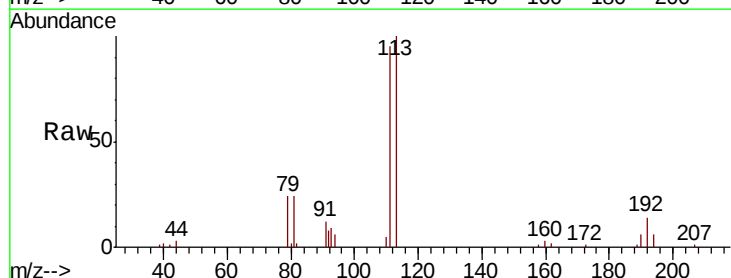
Tgt Ion:113 Resp: 41781

Ion Ratio Lower Upper

113 100

111 95.2 82.7 124.1

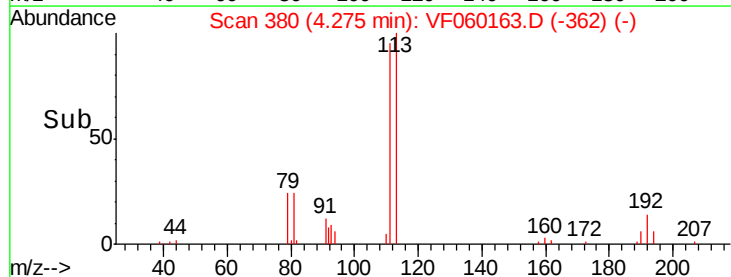
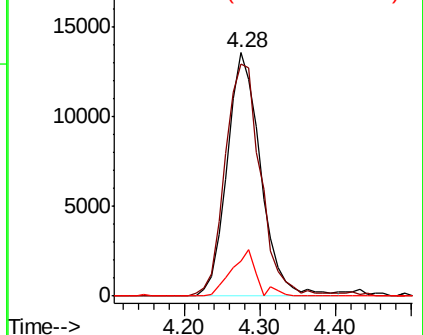
192 14.4 13.0 19.4

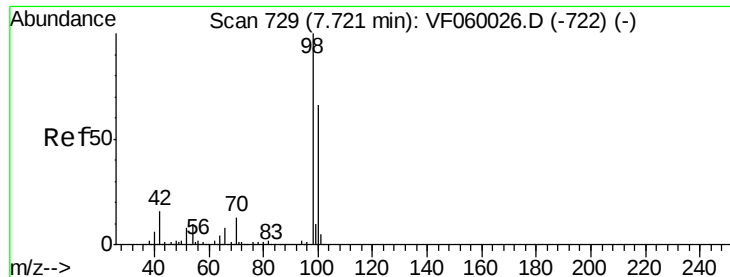


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

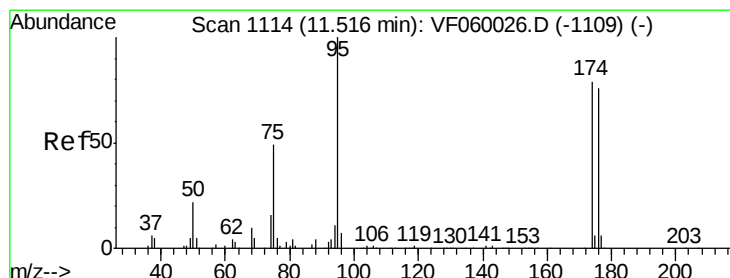
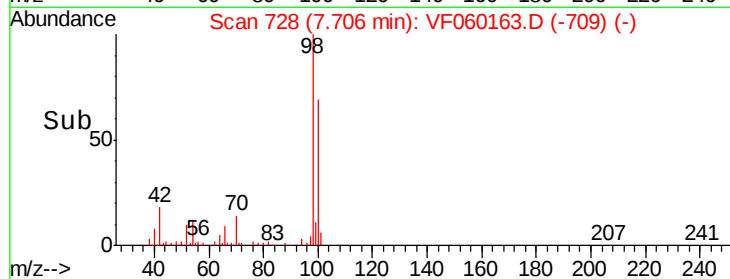
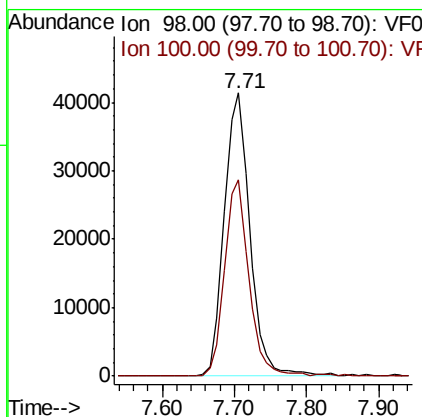
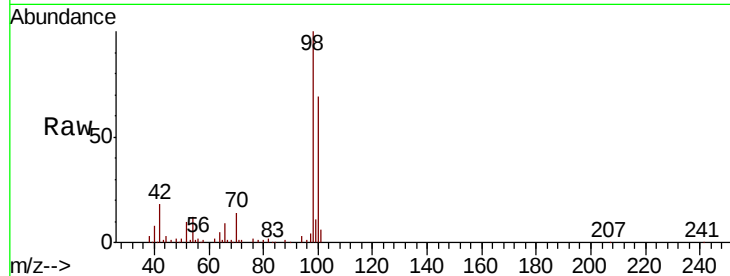




#50
Toluene-d8
Concen: 37.63 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF060163.D
Acq: 28 Aug 2018 21:20

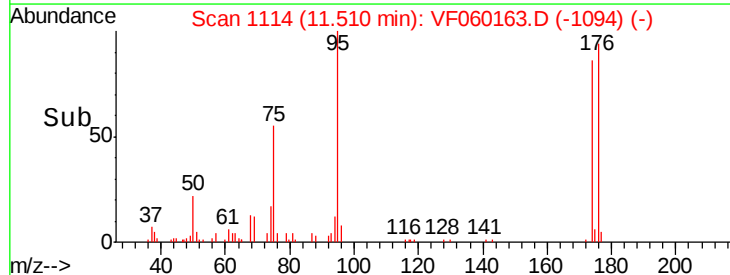
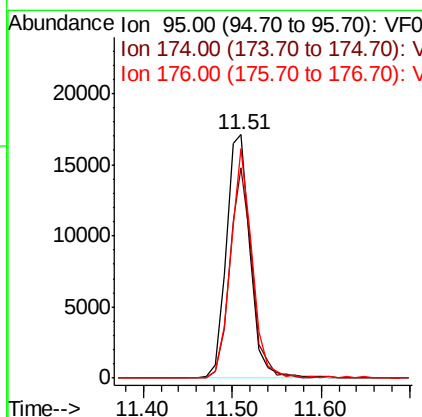
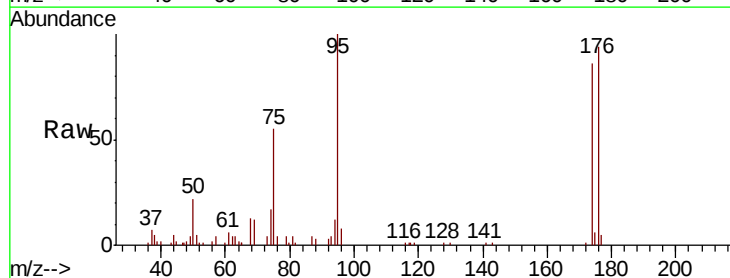
Instrument :
MSVOA_F
ClientSampleId :
PL-05-082418-B

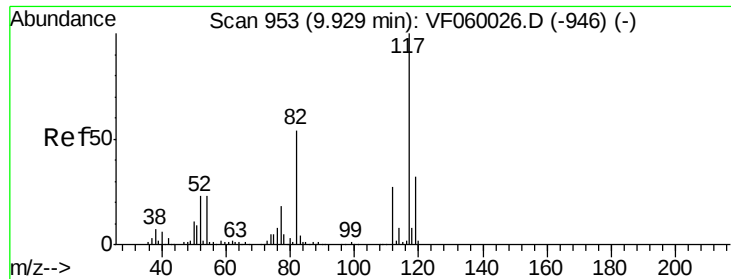
Tot Ion: 98 Resp: 102550
Ion Ratio Lower Upper
98 100
100 69.4 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 22.52 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. -0.01 min
Lab File: VF060163.D
Acq: 28 Aug 2018 21:20

Tgt Ion: 95 Resp: 32466
Ion Ratio Lower Upper
95 100
174 86.3 0.0 158.4
176 94.4 0.0 153.0

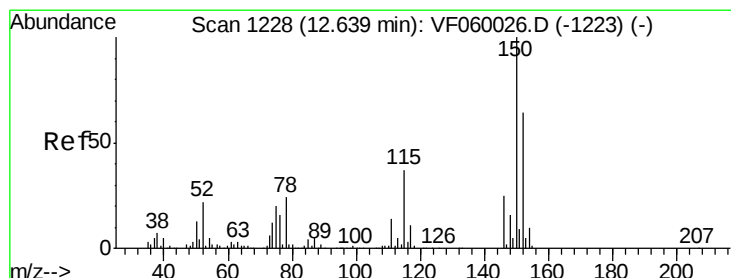
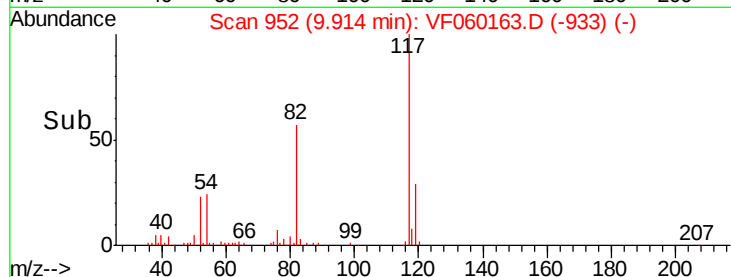
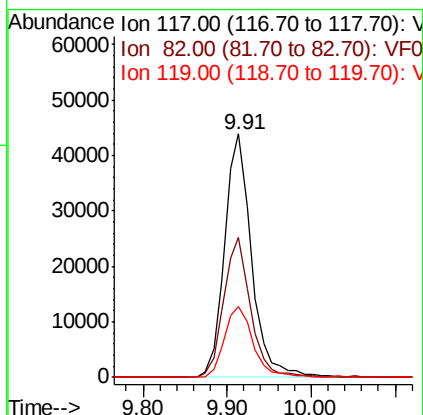
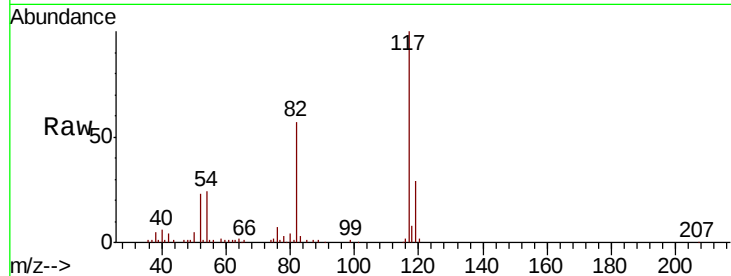




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF060163.D
Acq: 28 Aug 2018 21:20

Instrument :
MSVOA_F
ClientSampleId :
PL-05-082418-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	43.6	65.4
119	29.1	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VF060163.D
Acq: 28 Aug 2018 21:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	28.6	85.9
150	156.1	0.0	312.0

