

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110718\
 Data File : VF060626.D
 Acq On : 7 Nov 2018 13:15
 Operator : VA/AP
 Sample : VF1107SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1107SBL01

Quant Time: Nov 07 15:01:39 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	276342	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	476150	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.78	117	437054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	256310	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.85	65	151137	54.13	ug/l	0.00
Spiked Amount						
			Recovery	=	108.26%	
35) Dibromofluoromethane	4.12	113	196276	53.35	ug/l	0.01
Spiked Amount						
			Recovery	=	106.70%	
50) Toluene-d8	7.56	98	515208	47.28	ug/l	0.00
Spiked Amount						
			Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.42	95	265550	55.71	ug/l	0.00
Spiked Amount						
			Recovery	=	111.42%	

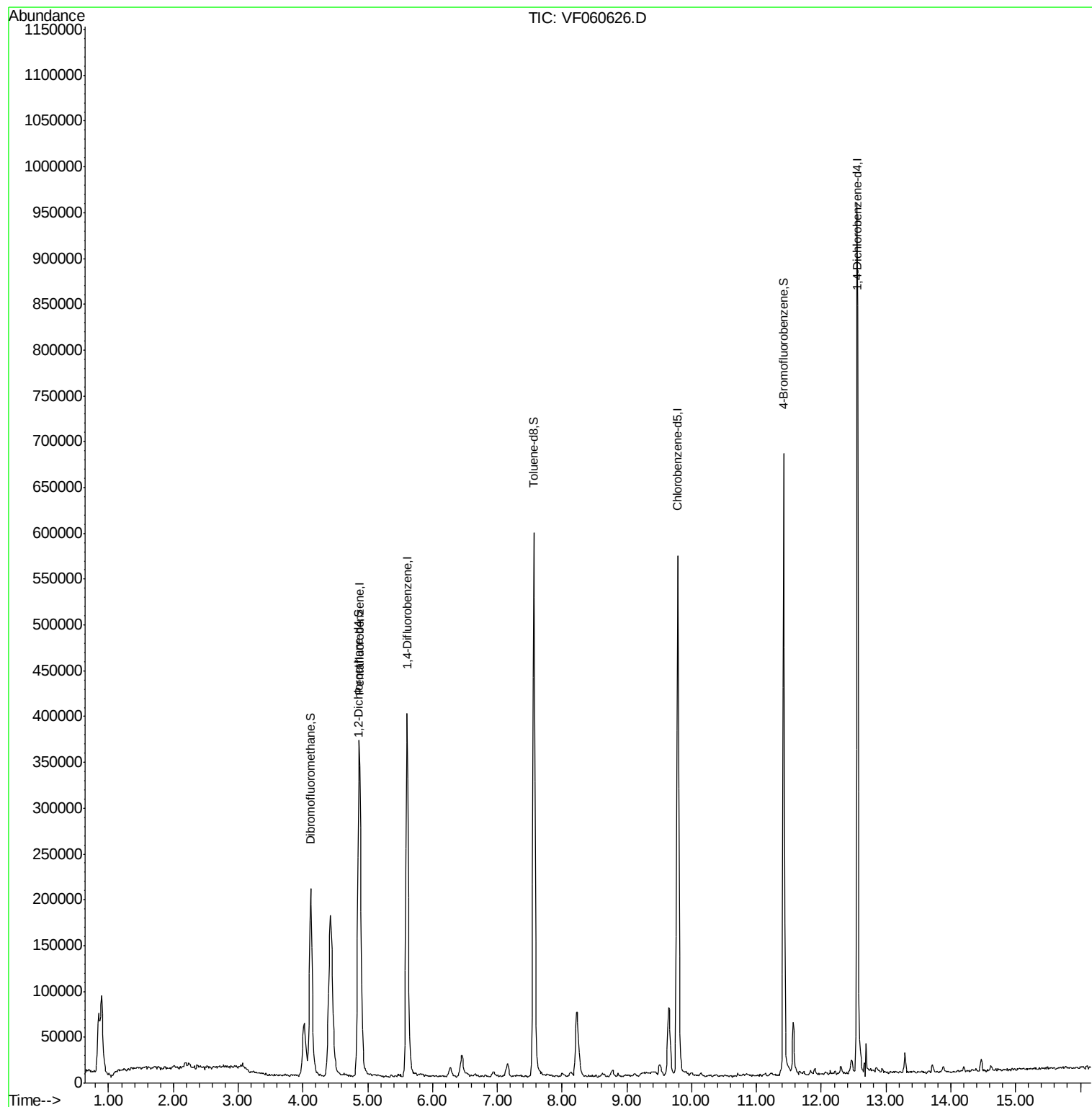
Target Compounds	Qvalue

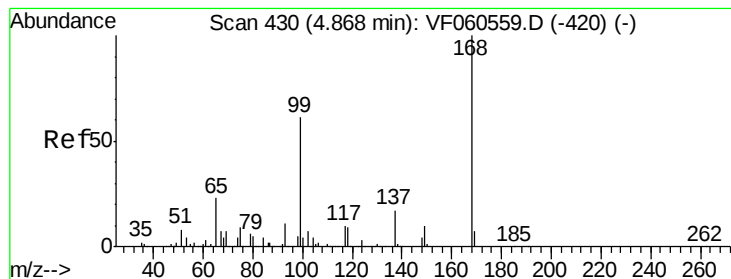
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF060626.D

Acq: 7 Nov 2018 13:15

Instrument :

MSVOA_F

ClientSampleId :

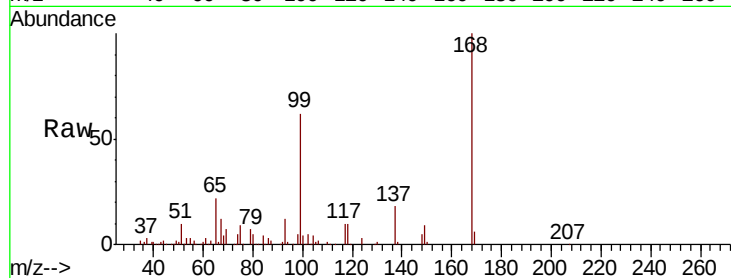
VF1107SBL01

Tot Ion:168 Resp: 276342

Ion Ratio Lower Upper

168 100

99 61.7 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

80000

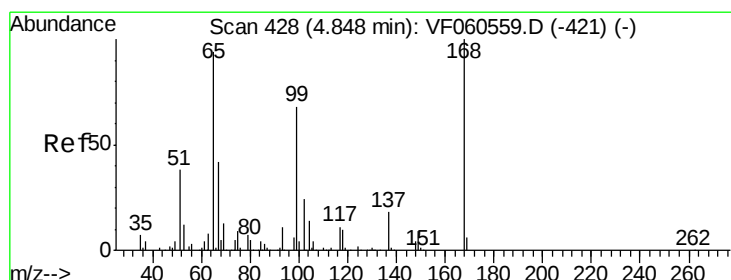
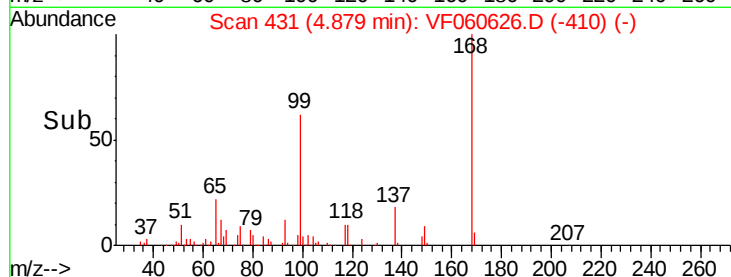
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 54.131 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.00 min

Lab File: VF060626.D

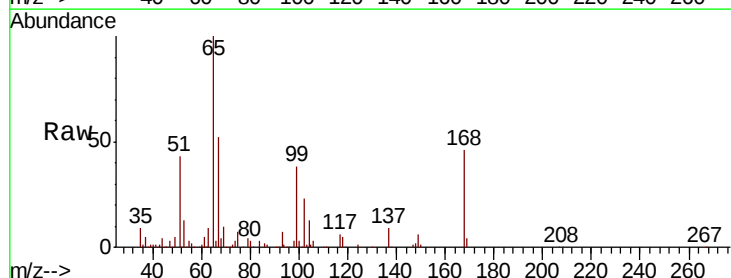
Acq: 7 Nov 2018 13:15

Tgt Ion: 65 Resp: 151137

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

60000

50000

40000

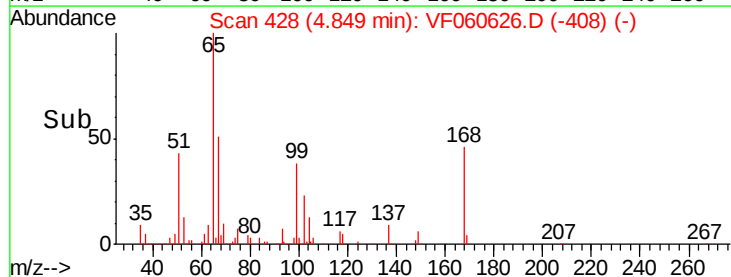
30000

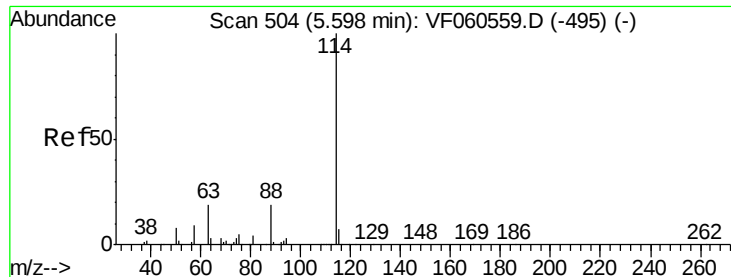
20000

10000

0

Time--> 4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF060626.D

Acq: 7 Nov 2018 13:15

Instrument :

MSVOA_F

ClientSampleId :

VF1107SBL01

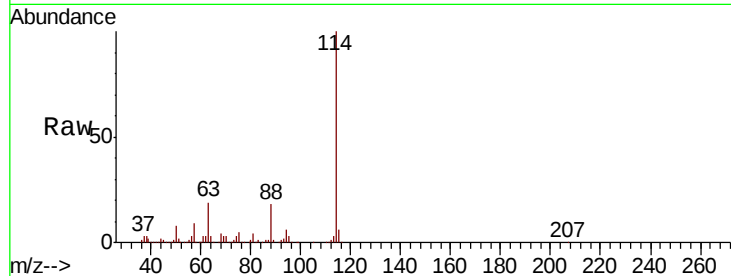
Tot Ion:114 Resp: 476150

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.0

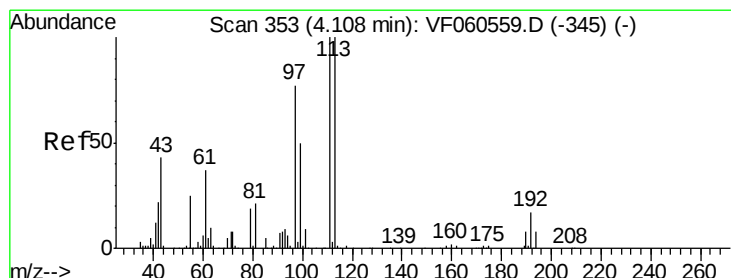
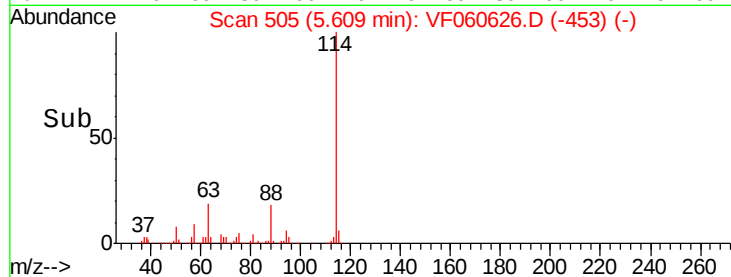
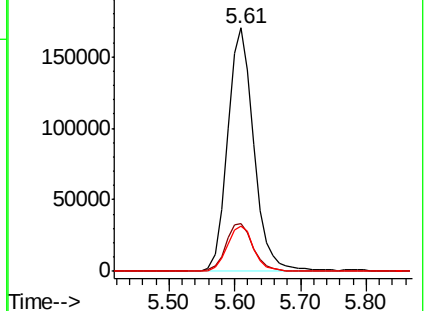
88 18.4 0.0 38.2



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: 53.354 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF060626.D

Acq: 7 Nov 2018 13:15

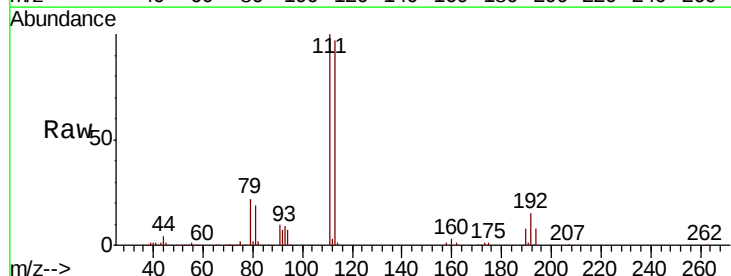
Tgt Ion:113 Resp: 196276

Ion Ratio Lower Upper

113 100

111 102.8 79.9 119.9

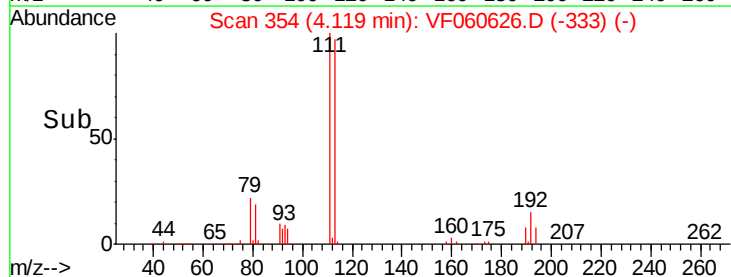
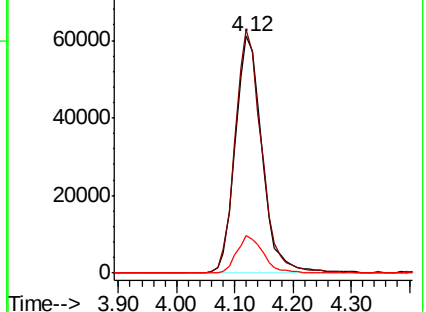
192 16.3 13.3 19.9



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

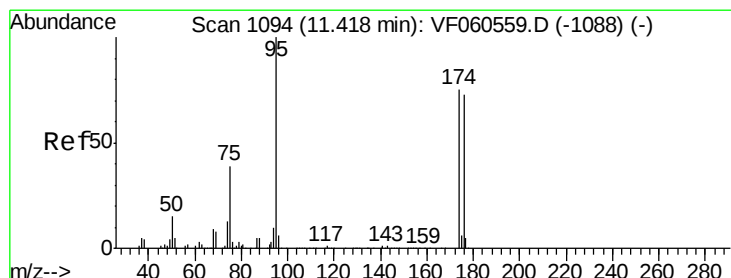
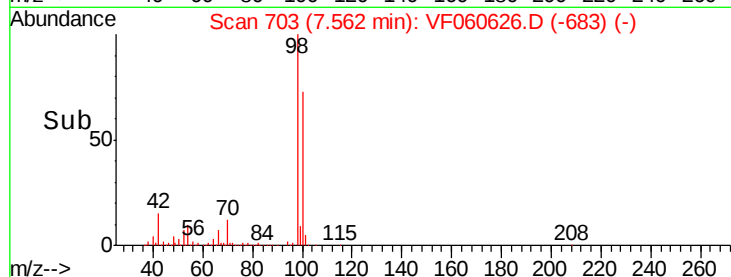
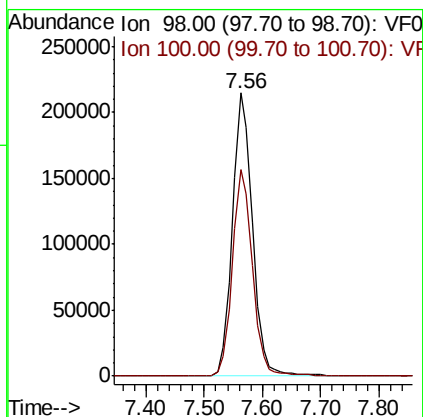
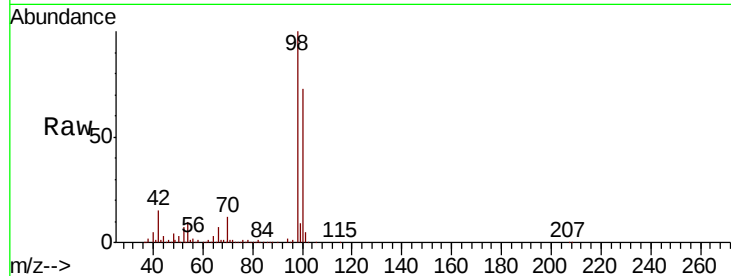




#50
Toluene-d8
Concen: 47.278 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060626.D
Acq: 7 Nov 2018 13:15

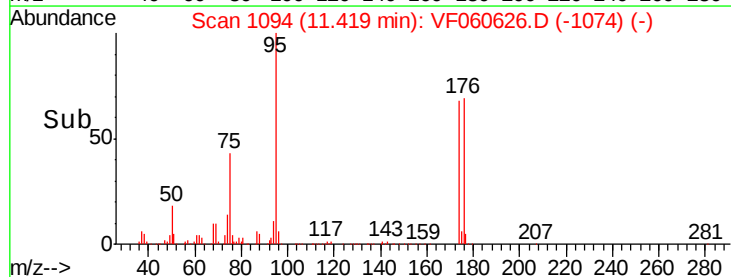
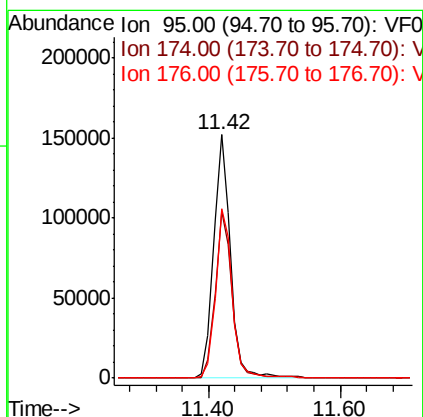
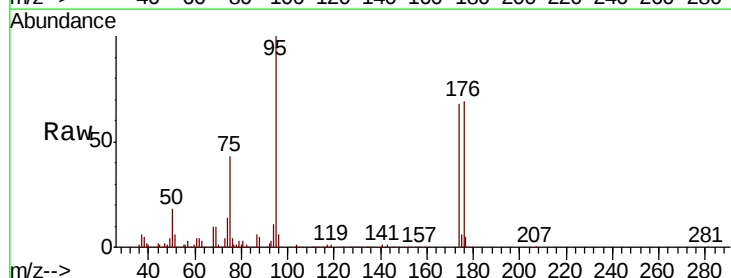
Instrument :
MSVOA_F
ClientSampleId :
VF1107SBL01

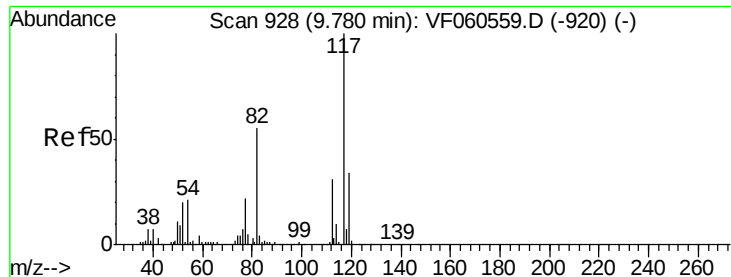
Tot Ion: 98 Resp: 515208
Ion Ratio Lower Upper
98 100
100 73.1 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 55.709 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060626.D
Acq: 7 Nov 2018 13:15

Tgt Ion: 95 Resp: 265550
Ion Ratio Lower Upper
95 100
174 68.3 0.0 149.0
176 69.4 0.0 145.6

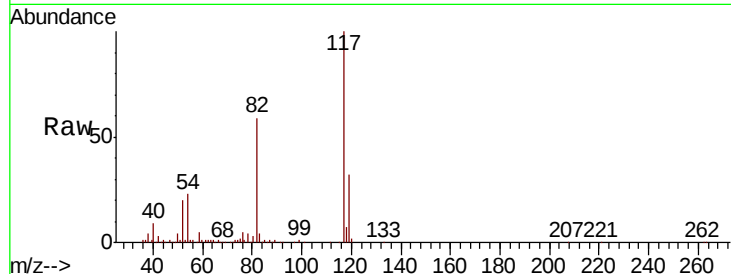




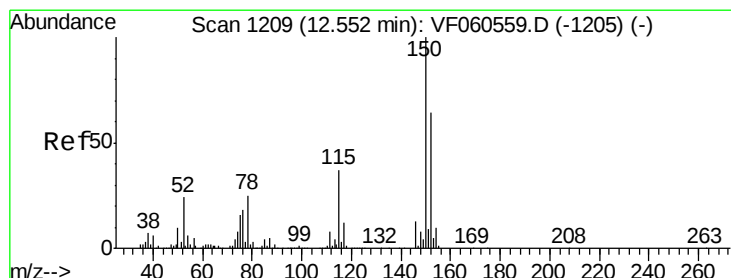
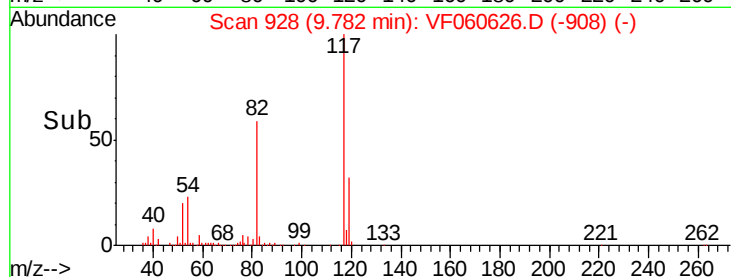
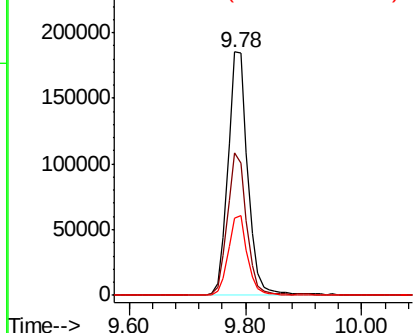
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060626.D
Acq: 7 Nov 2018 13:15

Instrument :
MSVOA_F
ClientSampleId :
VF1107SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	43.9	65.9
119	31.8	27.4	41.0

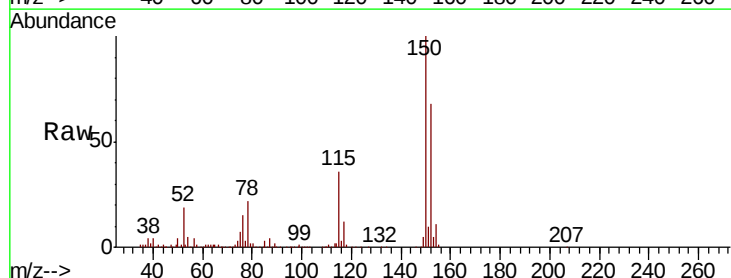


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF060626.D
Acq: 7 Nov 2018 13:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	29.6	88.8
150	147.4	0.0	315.6



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

