

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110818\
 Data File : VF060647.D
 Acq On : 8 Nov 2018 13:19
 Operator : VA/AP
 Sample : VF1108SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1108SBL01

Quant Time: Nov 09 12:45:42 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	4.86	168	271417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	482222	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	419626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	245691	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	165093	60.20	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	120.40%	
35) Dibromofluoromethane	4.10	113	204284	54.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.66%	
50) Toluene-d8	7.54	98	498719	45.19	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	90.38%	
62) 4-Bromofluorobenzene	11.41	95	250983	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	

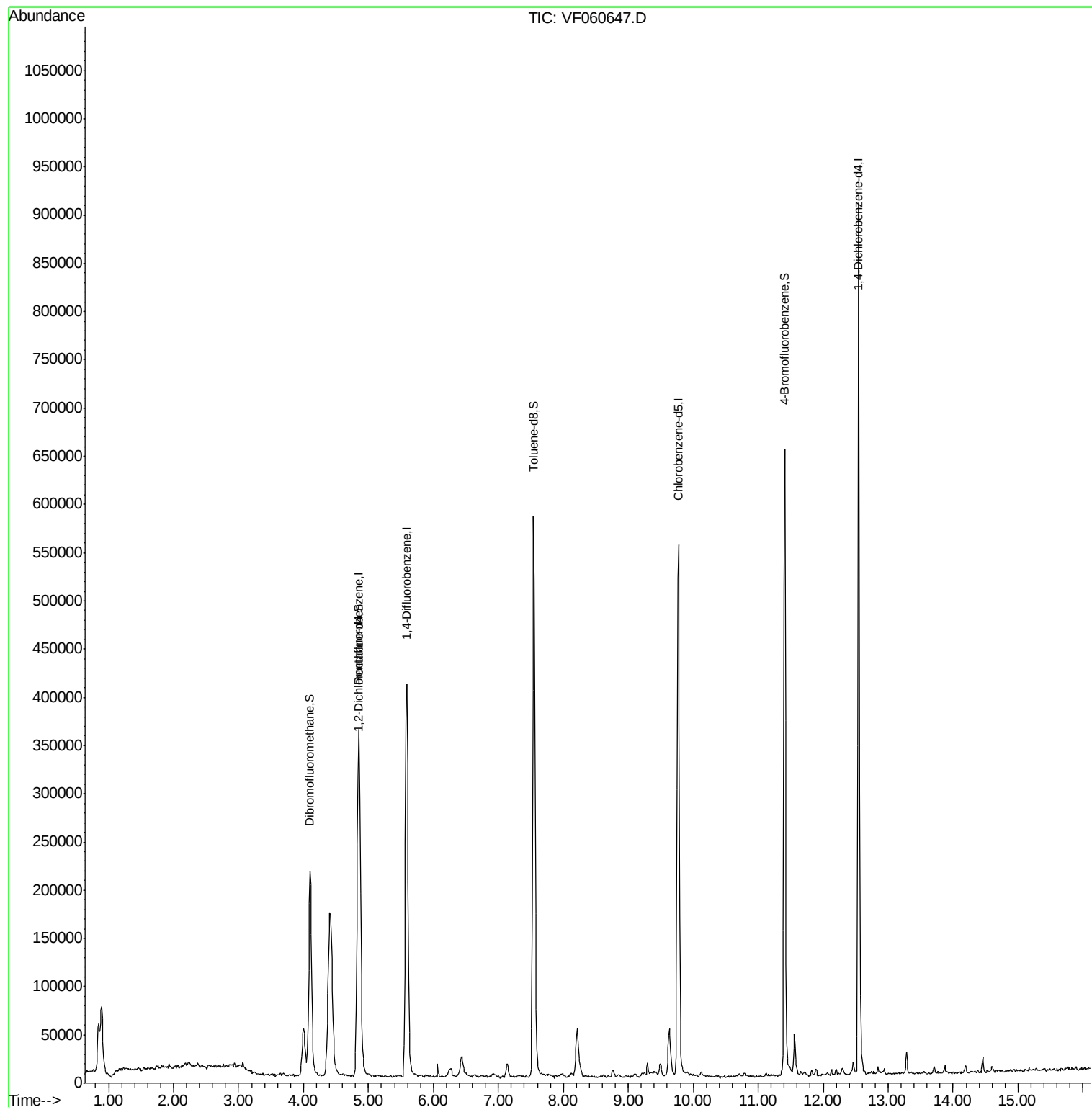
Target Compounds	Qvalue

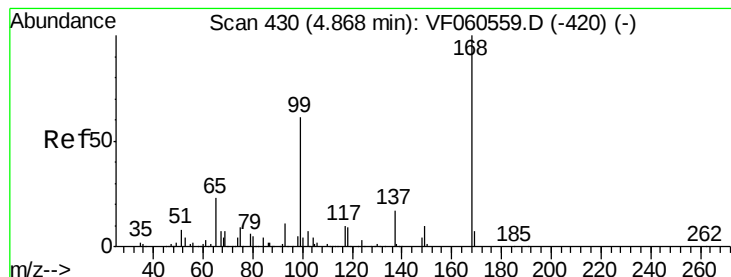
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF060647.D

Acq: 8 Nov 2018 13:19

Instrument :

MSVOA_F

ClientSampleId :

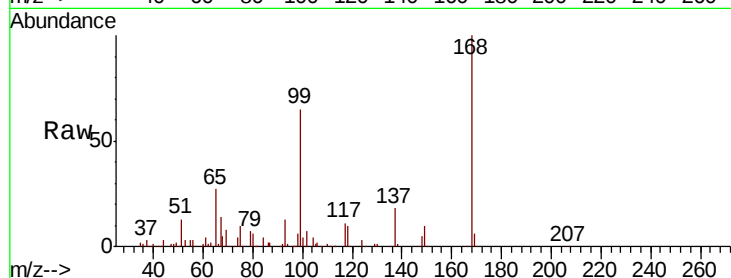
VF1108SBL01

Tot Ion:168 Resp: 271417

Ion Ratio Lower Upper

168 100

99 64.8 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

60000

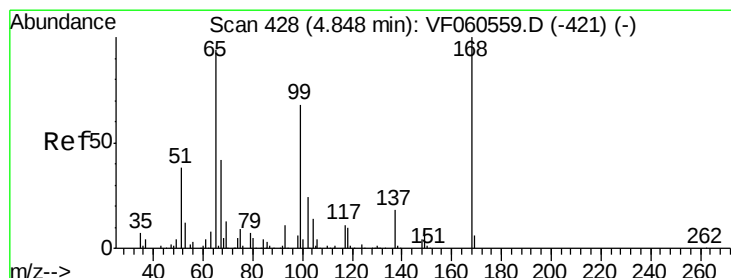
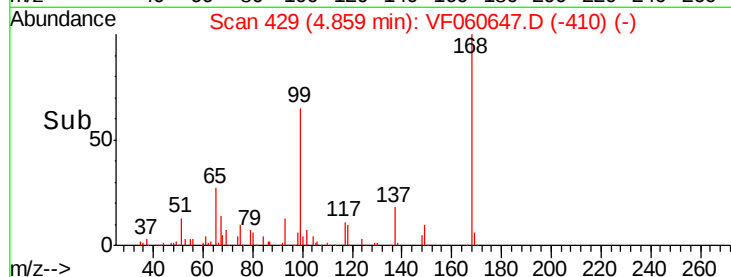
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.202 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF060647.D

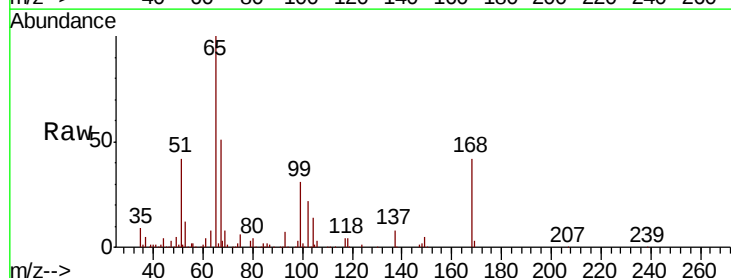
Acq: 8 Nov 2018 13:19

Tgt Ion: 65 Resp: 165093

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

60000

50000

40000

30000

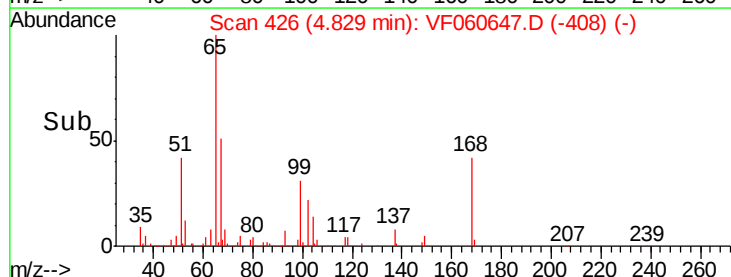
20000

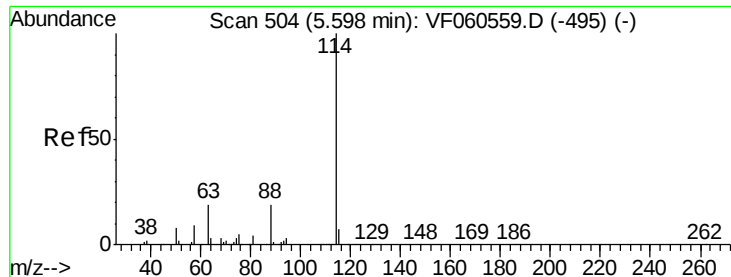
10000

0

4.70 4.80 4.90 5.00

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.01 min

Lab File: VF060647.D

Acq: 8 Nov 2018 13:19

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBL01

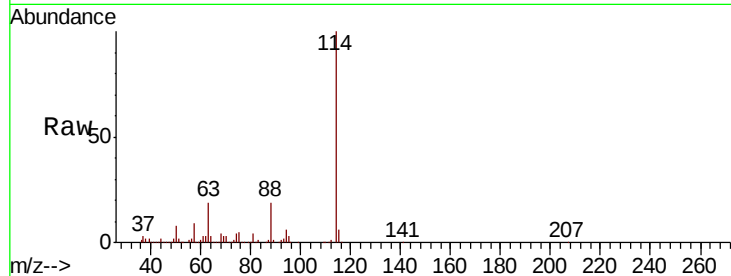
Tot Ion:114 Resp: 482222

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.0

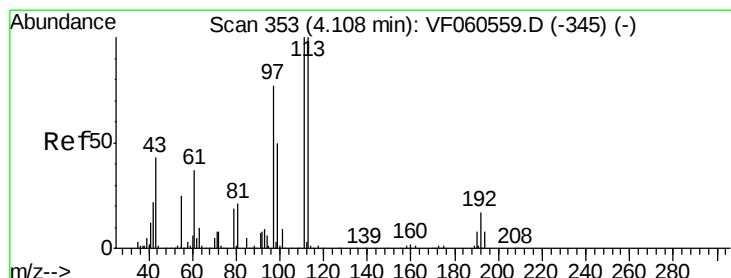
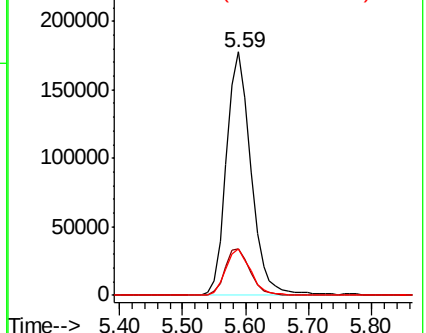
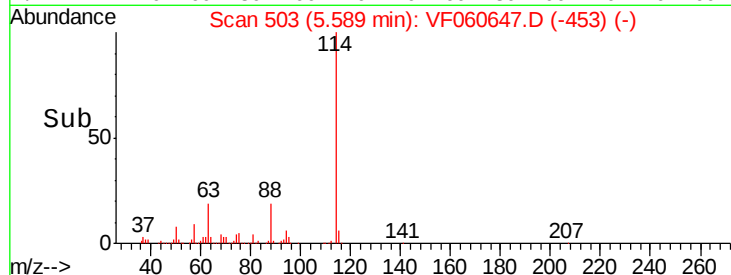
88 19.1 0.0 38.2



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: 54.832 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.01 min

Lab File: VF060647.D

Acq: 8 Nov 2018 13:19

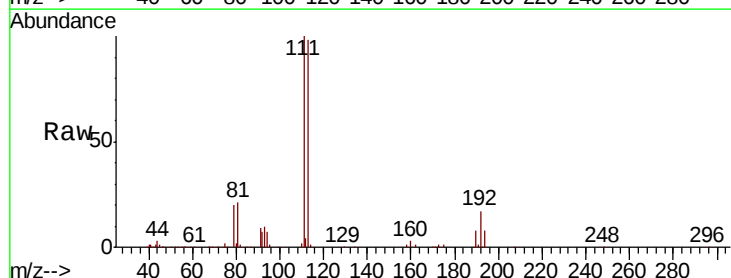
Tgt Ion:113 Resp: 204284

Ion Ratio Lower Upper

113 100

111 101.5 79.9 119.9

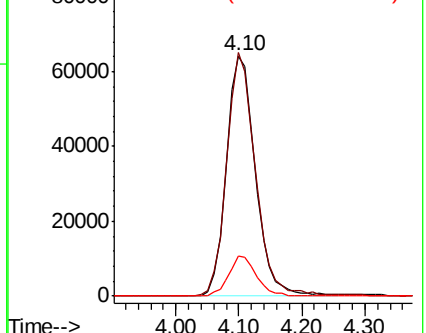
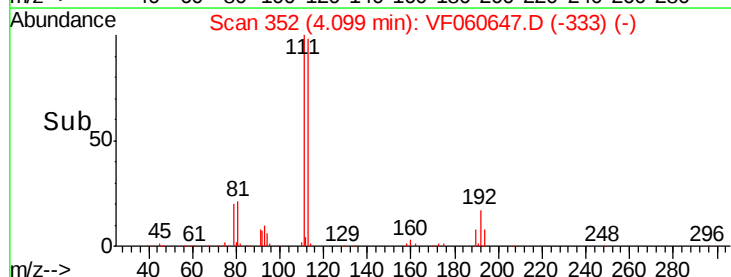
192 17.1 13.3 19.9



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

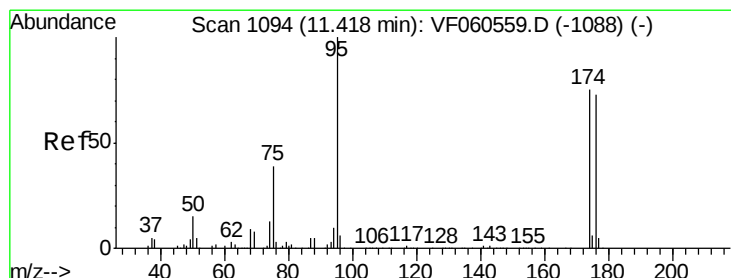
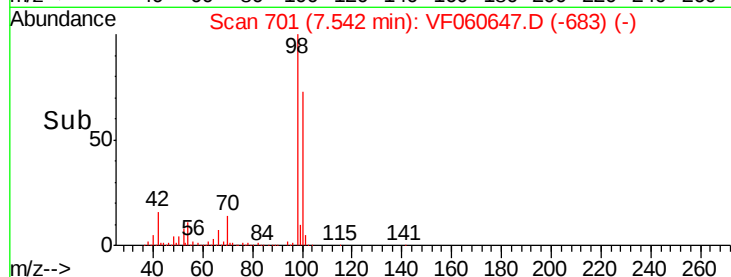
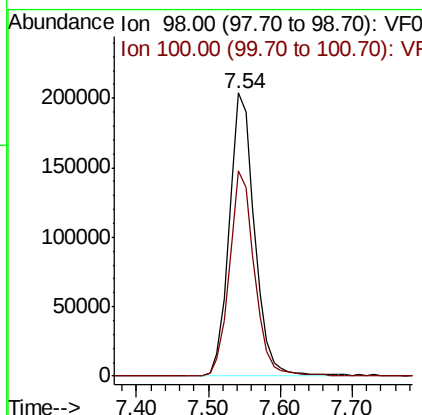
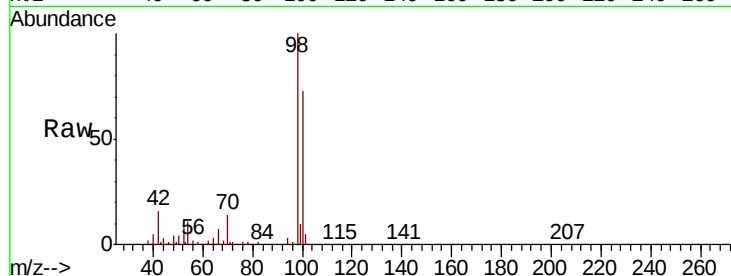




#50
Toluene-d8
Concen: 45.188 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF060647.D
Acq: 8 Nov 2018 13:19

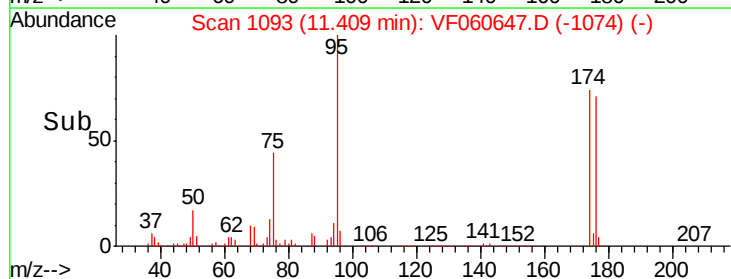
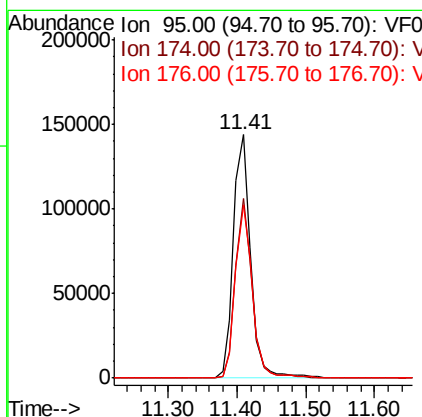
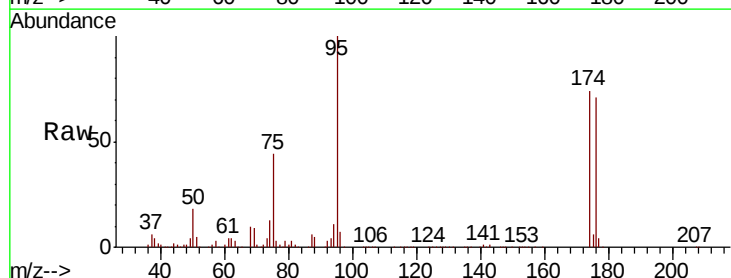
Instrument :
MSVOA_F
ClientSampleId :
VF1108SBL01

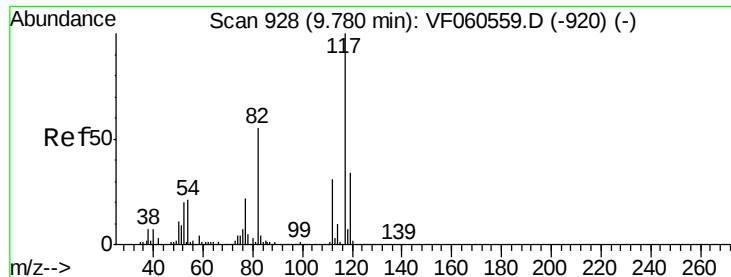
Tot Ion: 98 Resp: 498719
Ion Ratio Lower Upper
98 100
100 72.7 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 51.990 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060647.D
Acq: 8 Nov 2018 13:19

Tgt Ion: 95 Resp: 250983
Ion Ratio Lower Upper
95 100
174 73.6 0.0 149.0
176 71.3 0.0 145.6

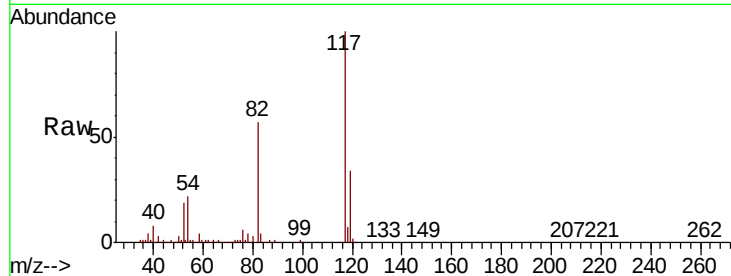




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060647.D
Acq: 8 Nov 2018 13:19

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.9	65.9
119	34.2	27.4	41.0

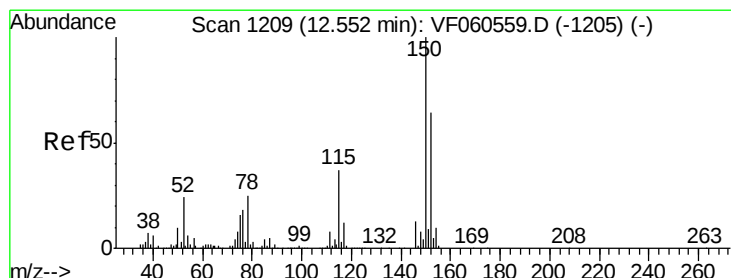
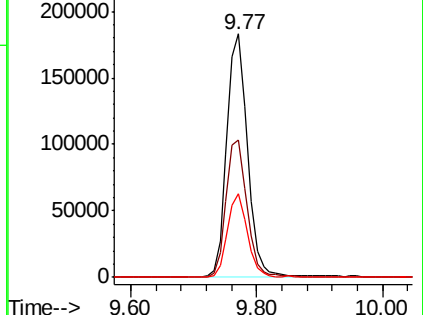
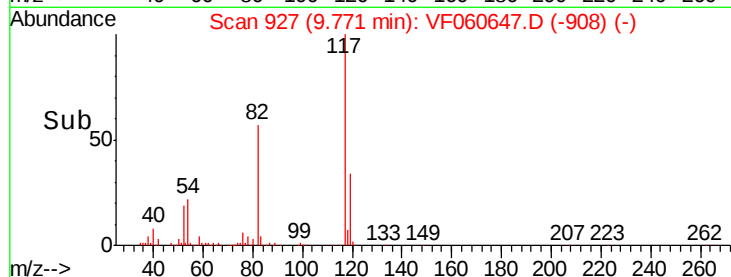


Abundance

Ion 117.00 (116.70 to 117.70): V

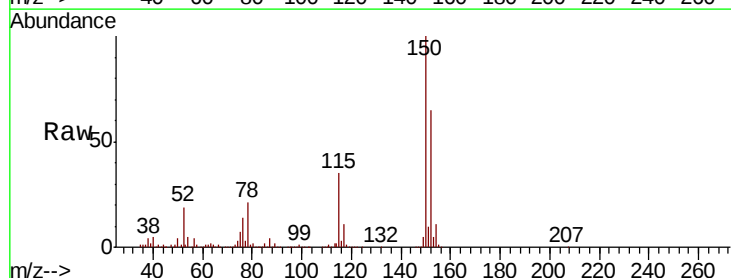
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060647.D
Acq: 8 Nov 2018 13:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	29.6	88.8
150	153.4	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

