

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061877.D
 Acq On : 8 Mar 2019 22:08
 Operator : VA/AP
 Sample : K1807-25
 Misc : 5.10g/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-16

Quant Time: Mar 09 03:13:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	169044	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	247577	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	205422	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	109137	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.83	65	66315	53.87	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	107.74%	
35) Dibromofluoromethane	4.10	113	96566	55.89	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	111.78%	
50) Toluene-d8	7.54	98	262719	51.16	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	11.40	95	105139	52.26	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	104.52%	

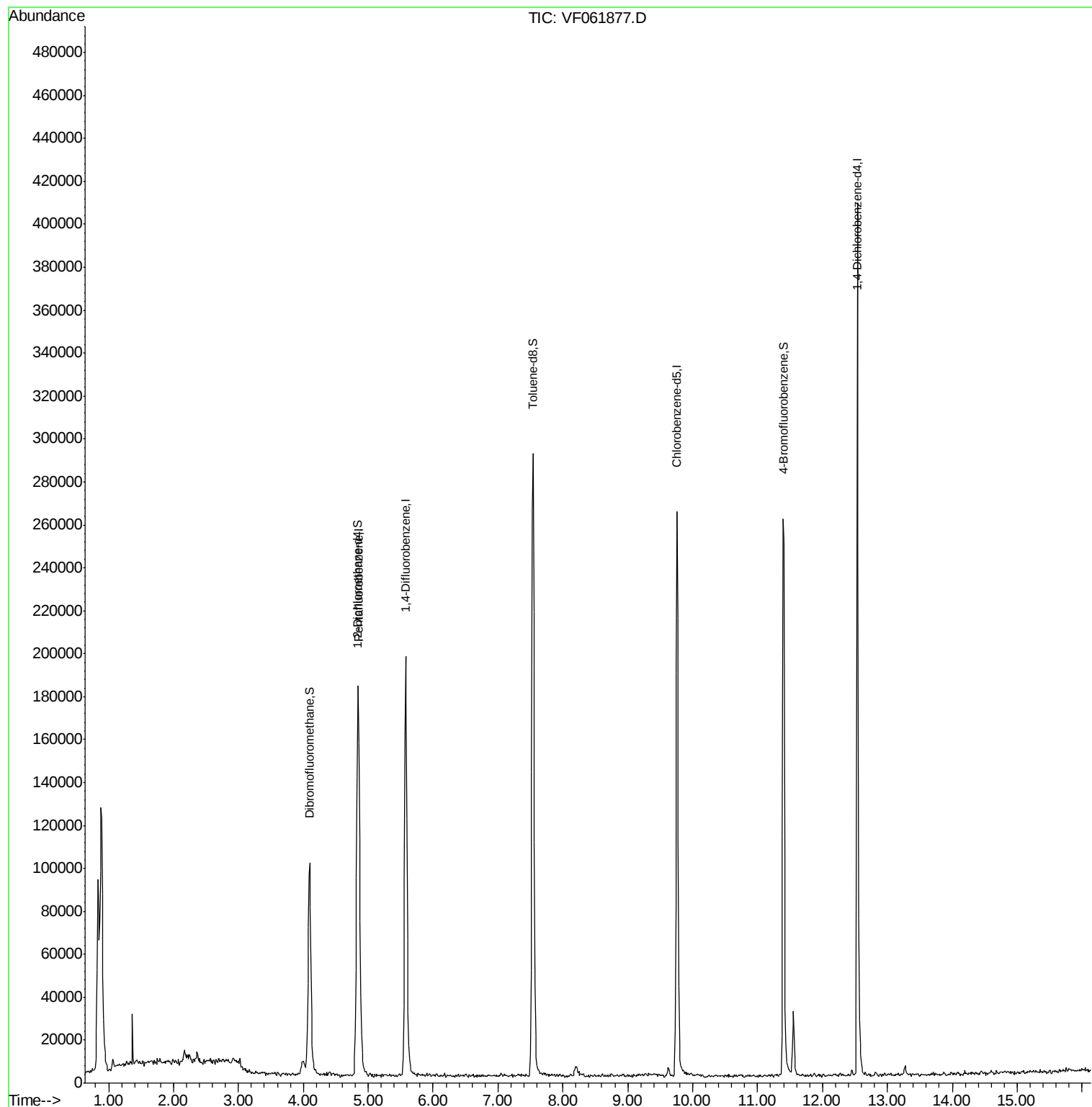
Target Compounds	Qvalue

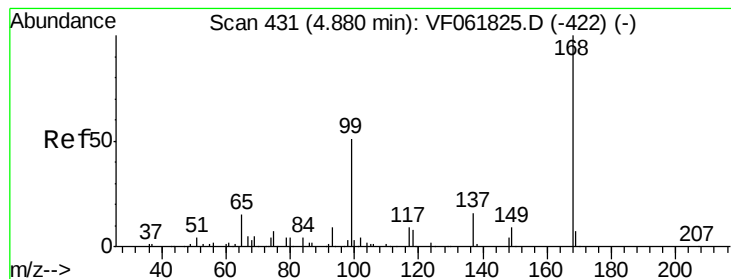
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 05 04:50:44 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061877.D

Acq: 8 Mar 2019 22:08

Instrument :

MSVOA_F

ClientSampled :

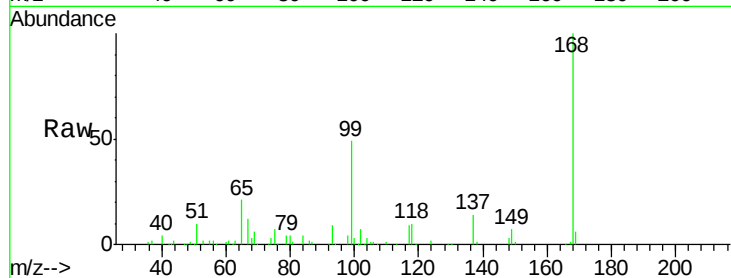
TP-16

Tot Ion:168 Resp: 169044

Ion Ratio Lower Upper

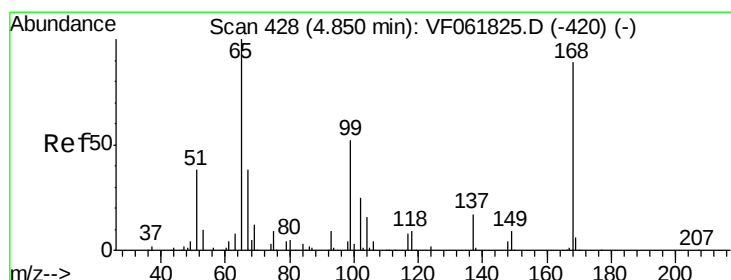
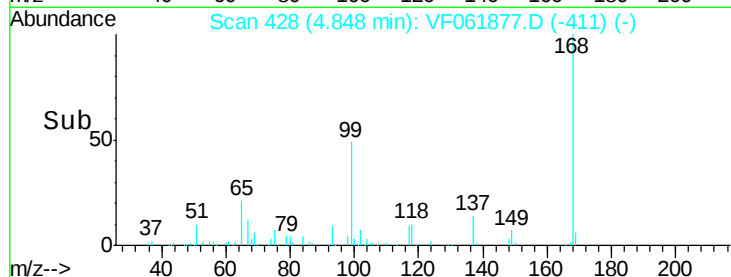
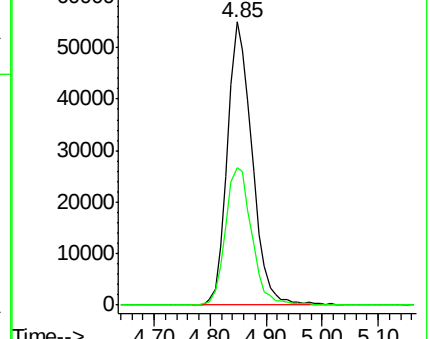
168 100

99 48.6 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 53.868 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061877.D

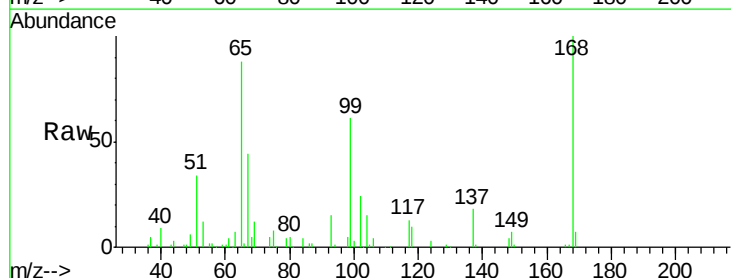
Acq: 8 Mar 2019 22:08

Tgt Ion: 65 Resp: 66315

Ion Ratio Lower Upper

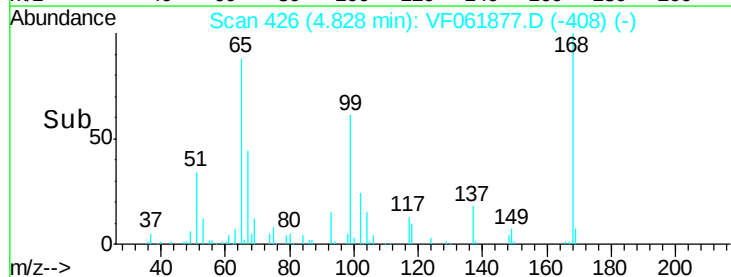
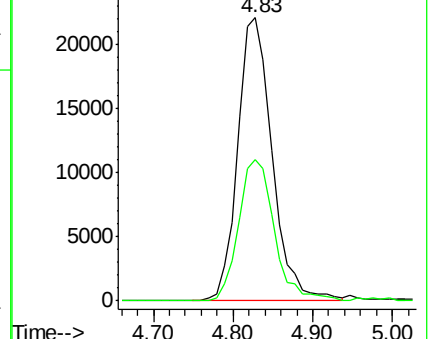
65 100

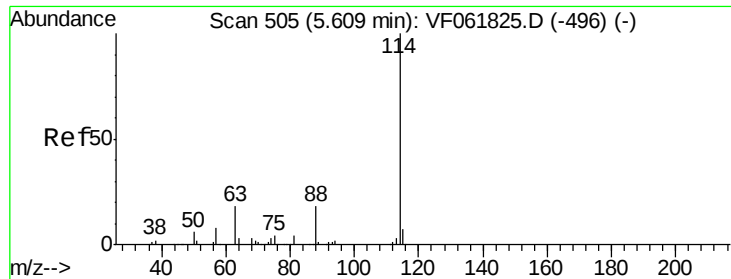
67 50.0 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061877.D

Acq: 8 Mar 2019 22:08

Instrument :

MSVOA_F

ClientSampleId :

TP-16

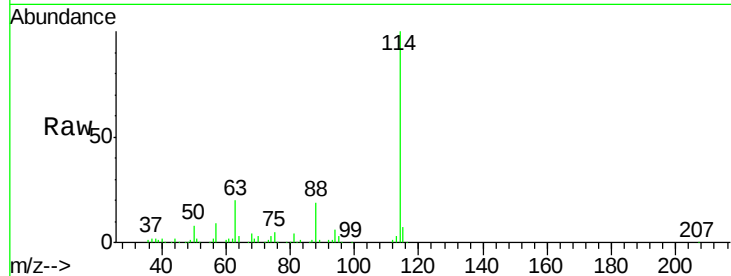
Tot Ion:114 Resp: 247577

Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.6

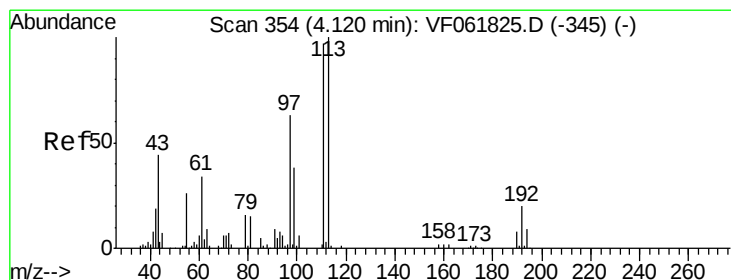
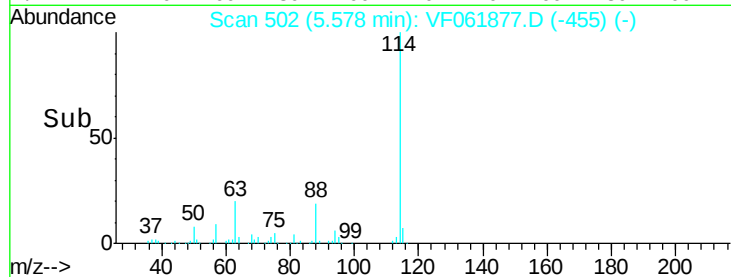
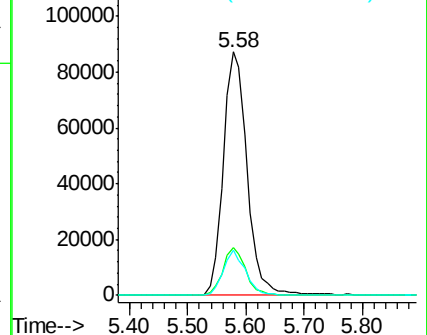
88 18.5 0.0 35.6



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: 55.891 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061877.D

Acq: 8 Mar 2019 22:08

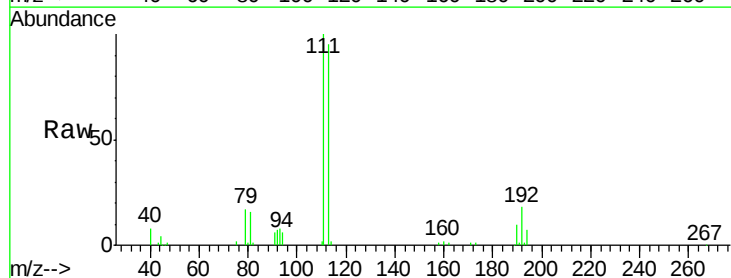
Tgt Ion:113 Resp: 96566

Ion Ratio Lower Upper

113 100

111 105.1 77.6 116.4

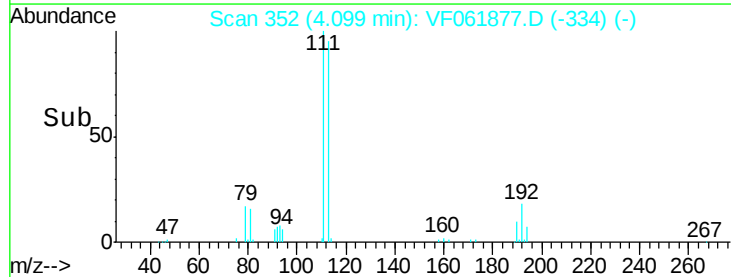
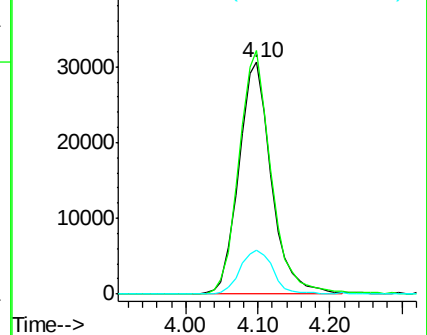
192 19.1 15.9 23.9

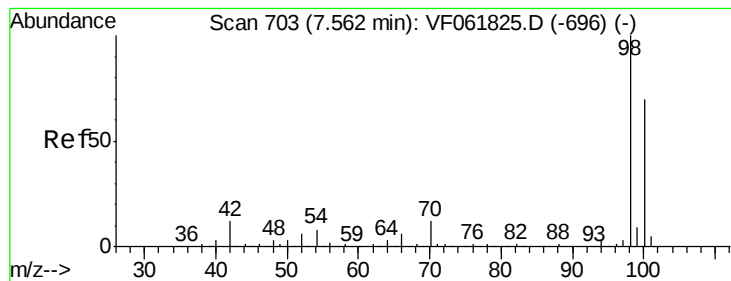


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 51.158 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061877.D

Acq: 8 Mar 2019 22:08

Instrument :

MSVOA_F

ClientSampleId :

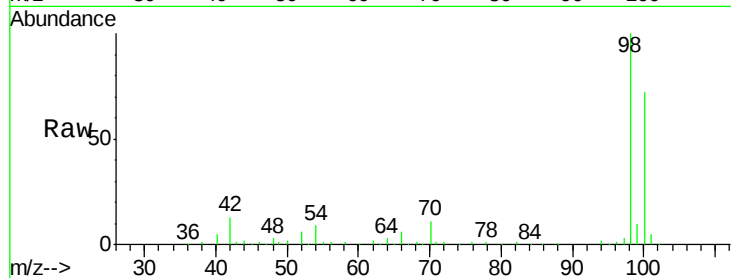
TP-16

Tot Ion: 98 Resp: 262719

Ion Ratio Lower Upper

98 100

100 71.7 56.0 84.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.54

120000

100000

80000

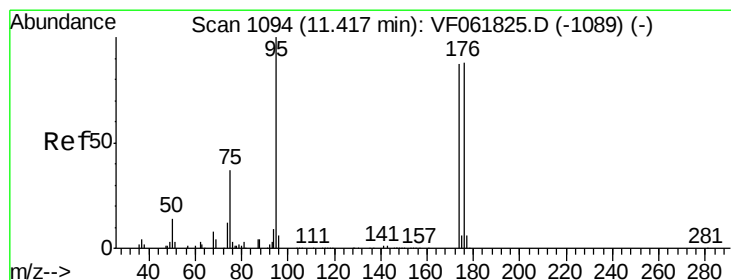
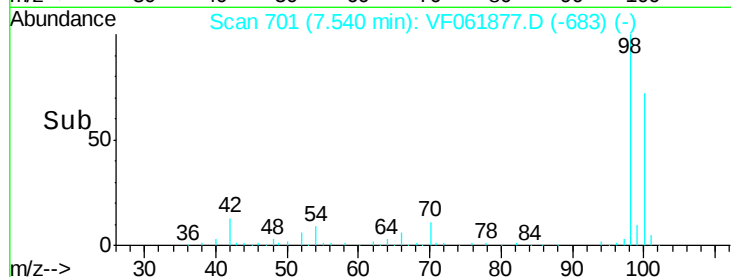
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.264 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061877.D

Acq: 8 Mar 2019 22:08

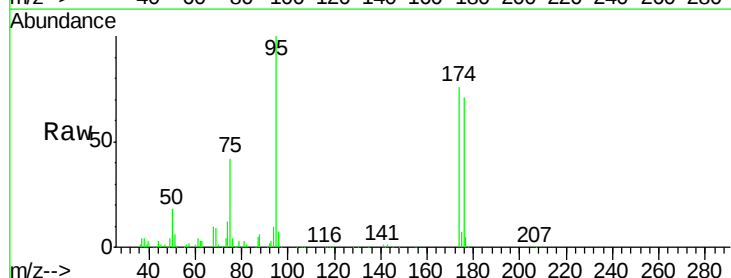
Tgt Ion: 95 Resp: 105139

Ion Ratio Lower Upper

95 100

174 76.3 0.0 174.0

176 71.1 0.0 175.2



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

80000

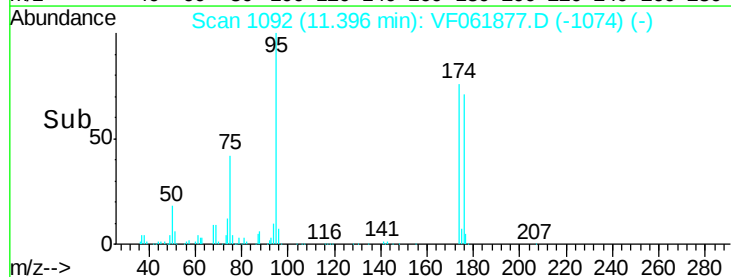
60000

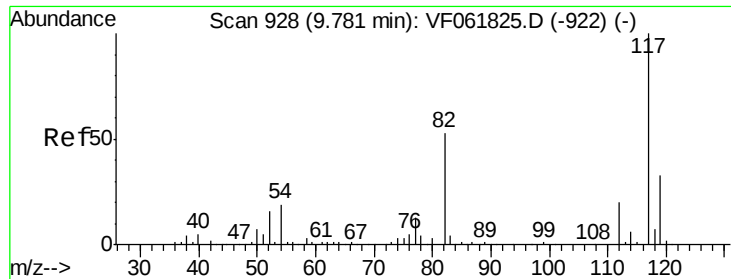
40000

20000

0

Time-->

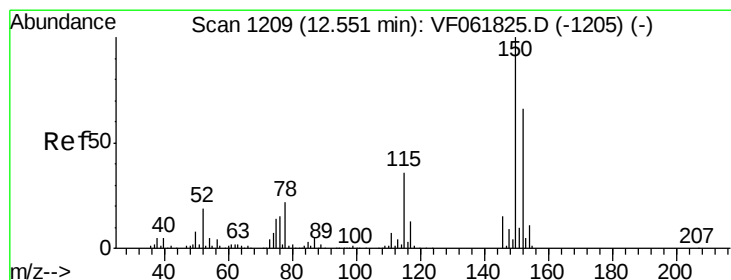
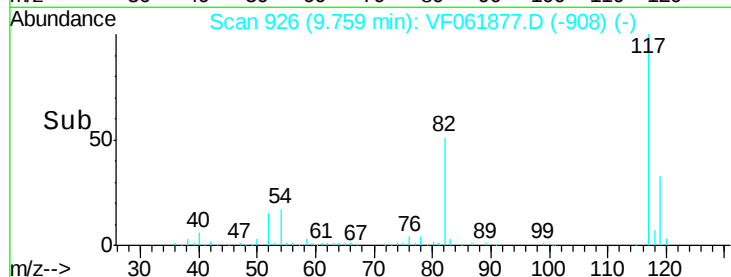
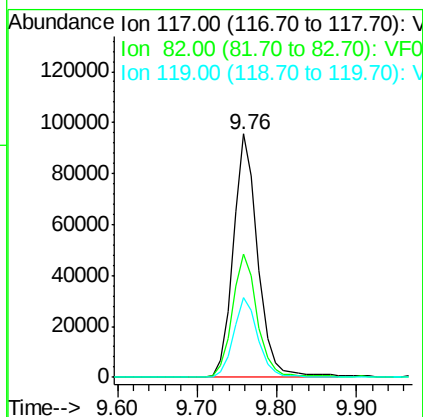
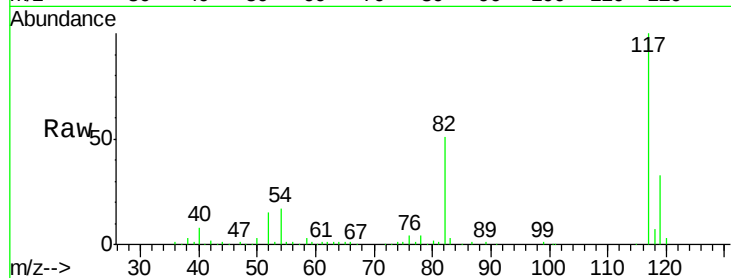




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061877.D
Acq: 8 Mar 2019 22:08

Instrument :
MSVOA_F
ClientSampleId :
TP-16

Tot Ion:117 Resp: 205422
Ion Ratio Lower Upper
117 100
82 50.7 42.6 63.8
119 33.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061877.D
Acq: 8 Mar 2019 22:08

Tgt Ion:152 Resp: 109137
Ion Ratio Lower Upper
152 100
115 53.5 27.7 83.1
150 157.3 0.0 304.2

