

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
 Data File : VF060917.D
 Acq On : 6 Dec 2018 15:11
 Operator : VA/AP
 Sample : J6248-01
 Misc : 5.01g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 4UST-SW-1

Quant Time: Dec 06 16:49:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	171193	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	5.59	114	289196	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.77	117	260580	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	149001	50.00	ug/l	-0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	91314	45.28	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	90.56%	
35) Dibromofluoromethane	4.10	113	100424	43.77	ug/l	-0.05
Spiked Amount	50.000		Recovery	=	87.54%	
50) Toluene-d8	7.55	98	237360	35.12	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	70.24%	
62) 4-Bromofluorobenzene	11.41	95	120724	39.30	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	78.60%	

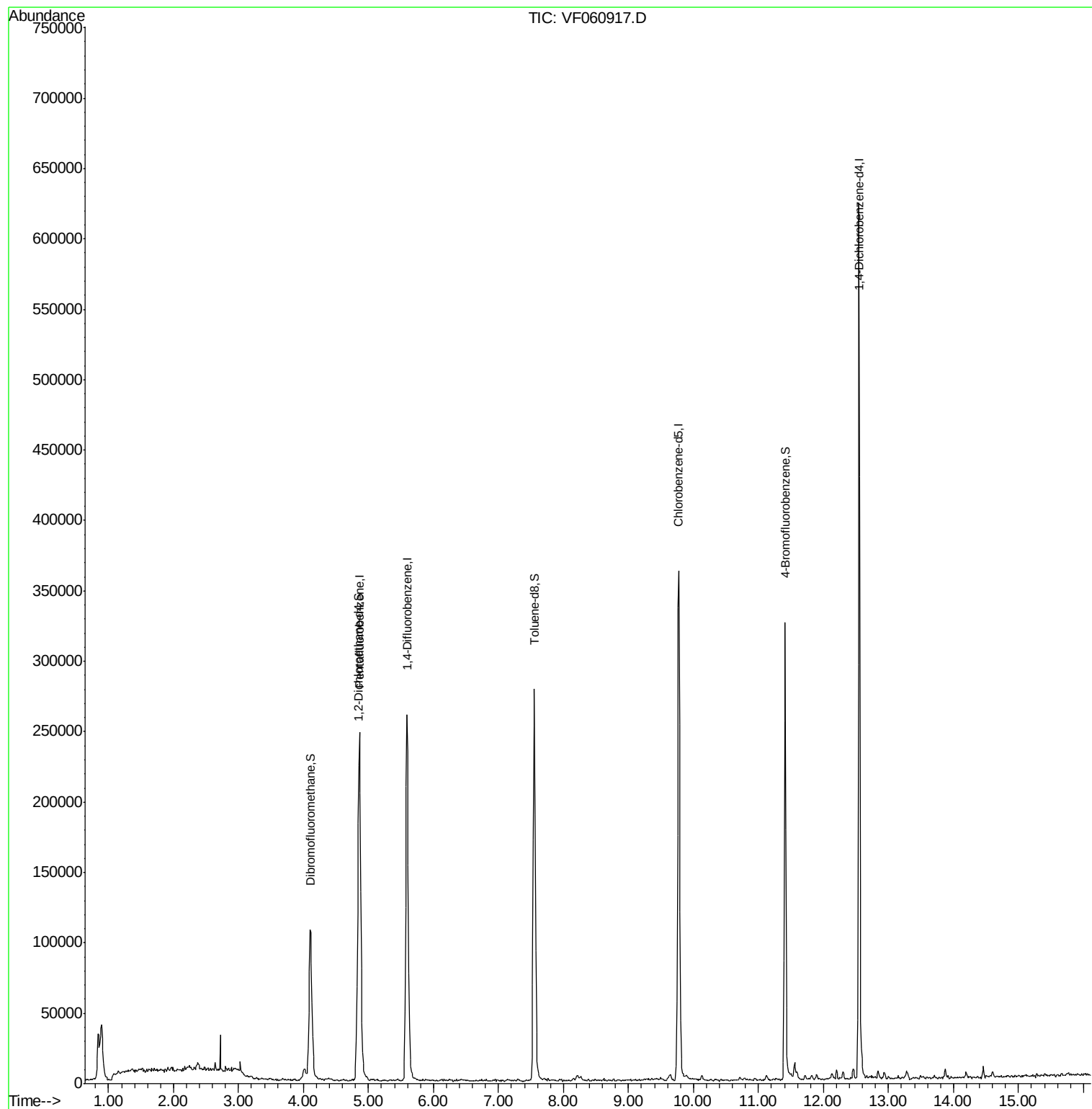
Target Compounds	Qvalue

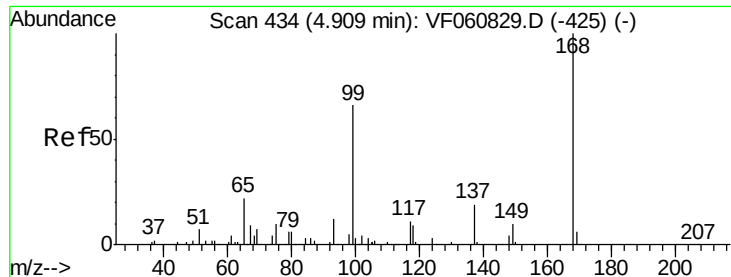
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF120618\
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Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.05 min

Lab File: VF060917.D

Acq: 6 Dec 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

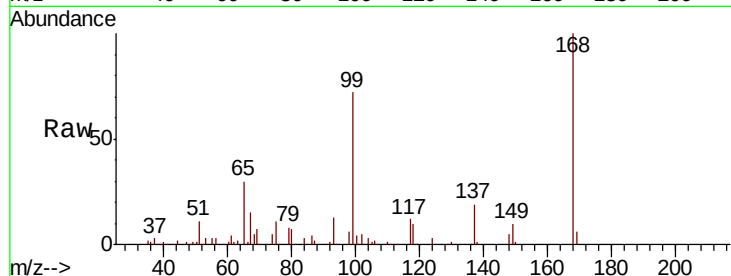
4UST-SW-1

Tot Ion:168 Resp: 171193

Ion Ratio Lower Upper

168 100

99 72.3 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

60000

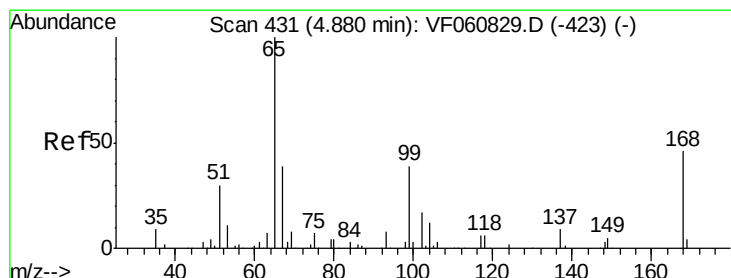
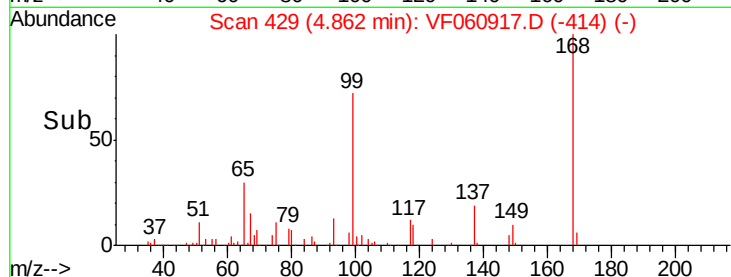
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 45.279 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060917.D

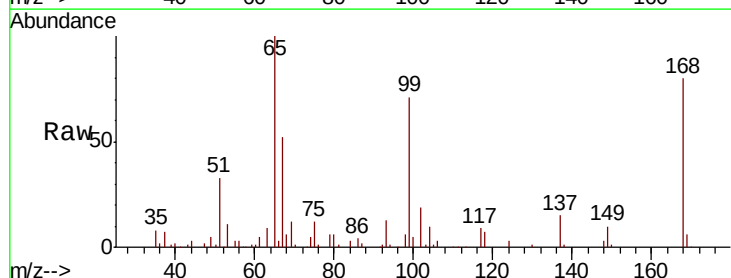
Acq: 6 Dec 2018 15:11

Tgt Ion: 65 Resp: 91314

Ion Ratio Lower Upper

65 100

67 51.9 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

30000

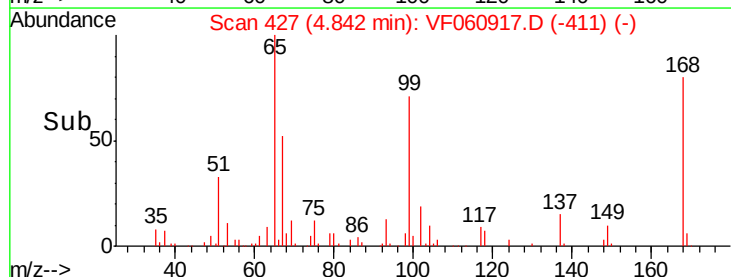
20000

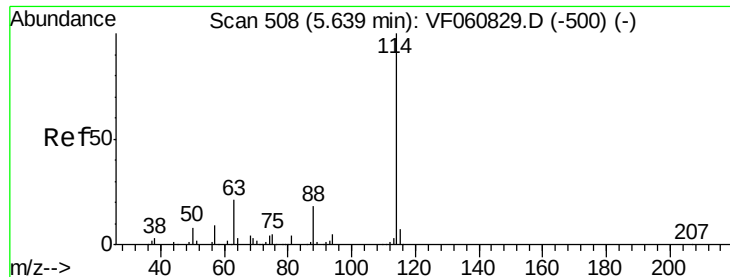
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.05 min

Lab File: VF060917.D

Acq: 6 Dec 2018 15:11

Instrument :

MSVOA_F

ClientSampled :

4UST-SW-1

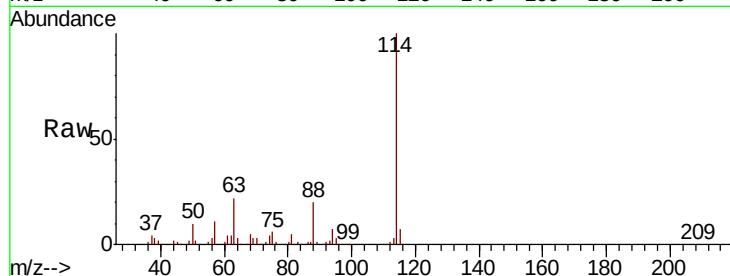
Tot Ion:114 Resp: 289196

Ion Ratio Lower Upper

114 100

63 22.4 0.0 41.6

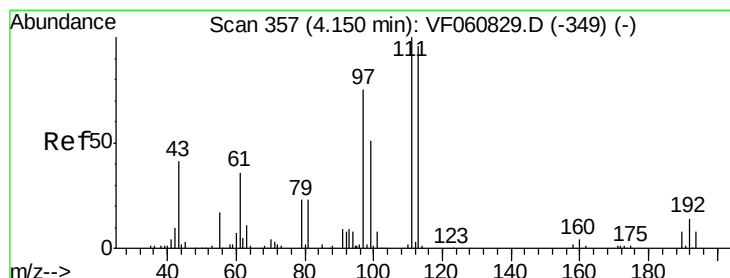
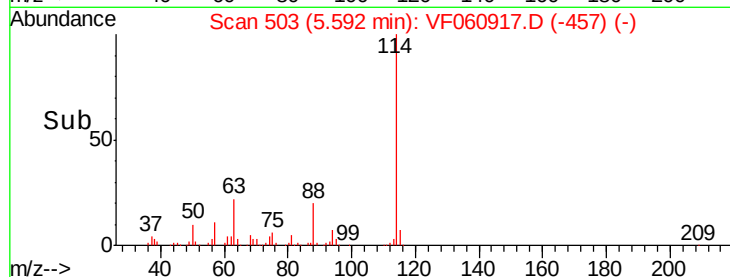
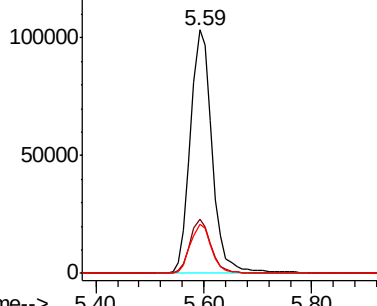
88 20.1 0.0 36.6



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: 43.772 ug/l

RT: 4.10 min Scan# 352

Delta R.T. -0.05 min

Lab File: VF060917.D

Acq: 6 Dec 2018 15:11

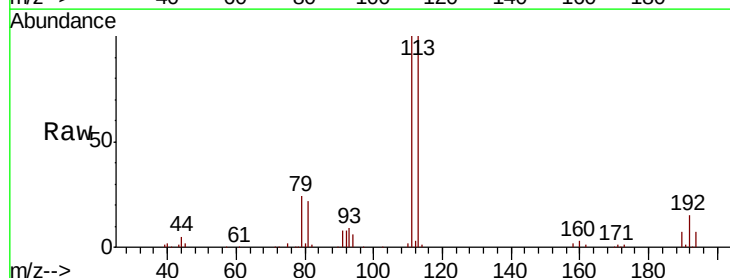
Tgt Ion:113 Resp: 100424

Ion Ratio Lower Upper

113 100

111 100.2 83.0 124.6

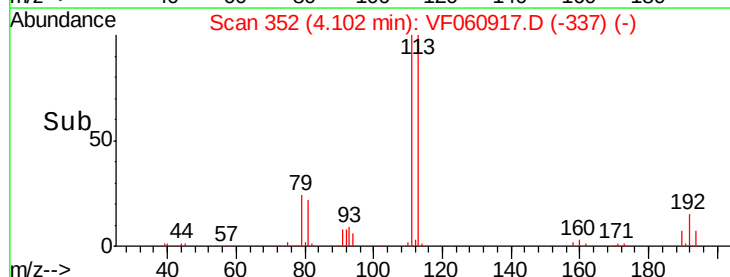
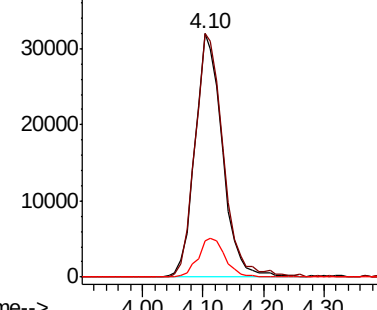
192 15.2 12.3 18.5

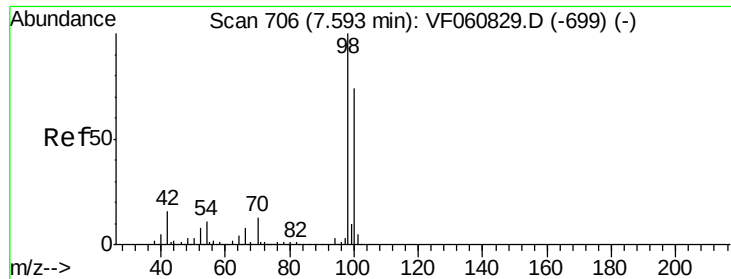


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

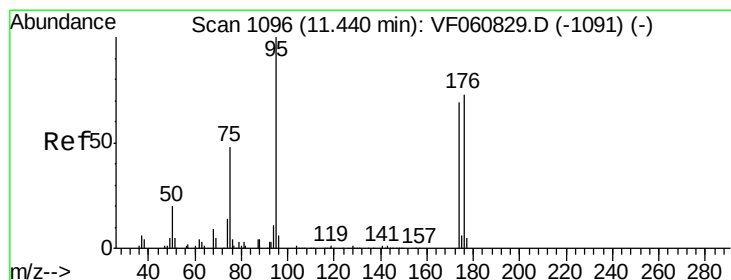
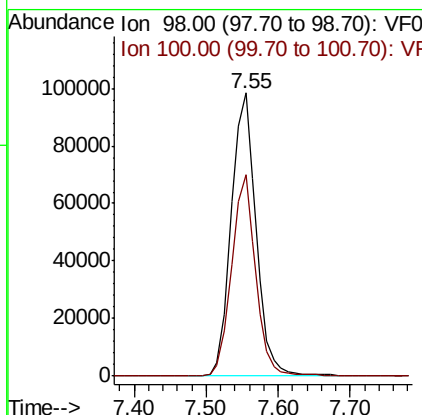
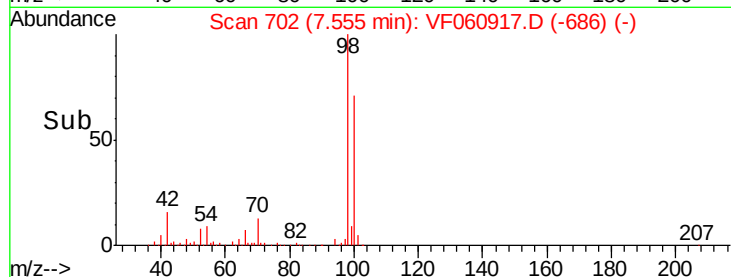
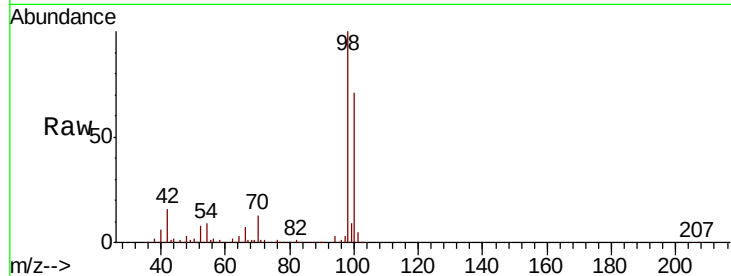




#50
Toluene-d8
Concen: 35.122 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.04 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

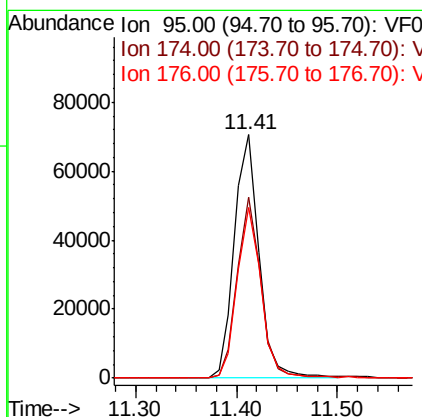
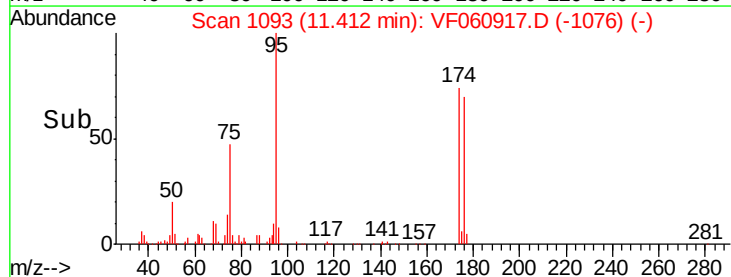
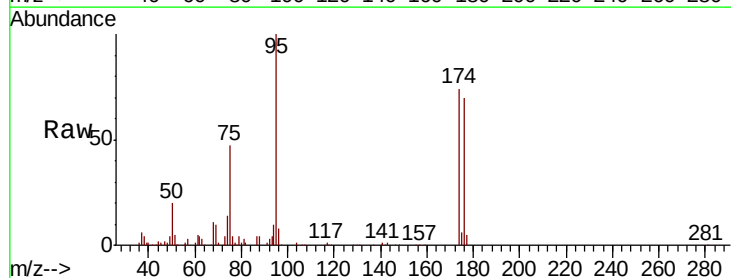
Instrument :
MSVOA_F
ClientSampled :
4UST-SW-1

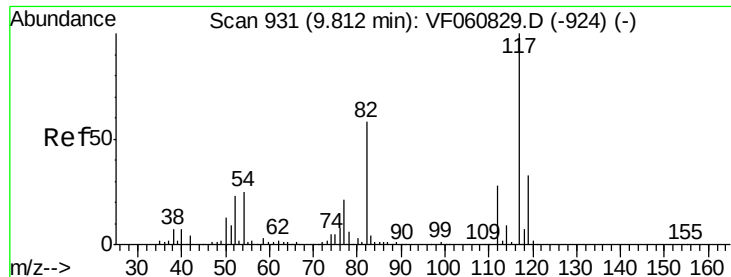
Tot Ion: 98 Resp: 237360
Ion Ratio Lower Upper
98 100
100 71.0 59.3 88.9



#62
4-Bromofluorobenzene
Concen: 39.304 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.03 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Tgt Ion: 95 Resp: 120724
Ion Ratio Lower Upper
95 100
174 74.4 0.0 138.2
176 70.0 0.0 146.2

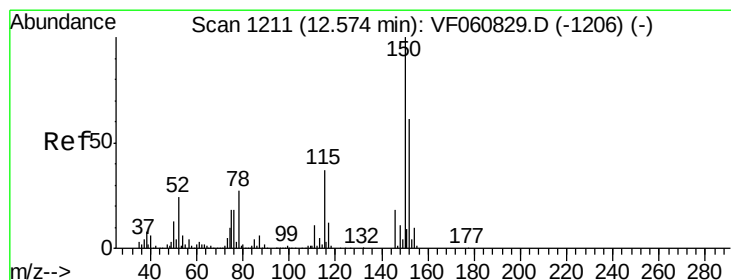
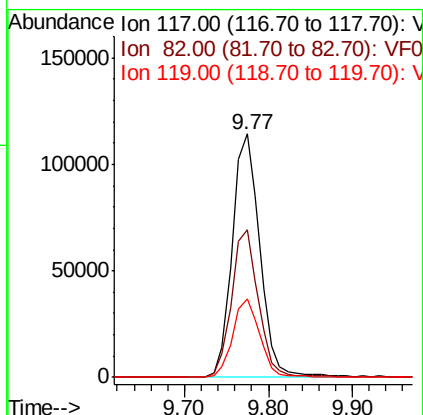
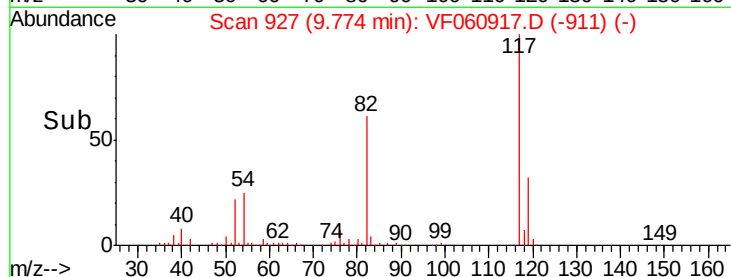
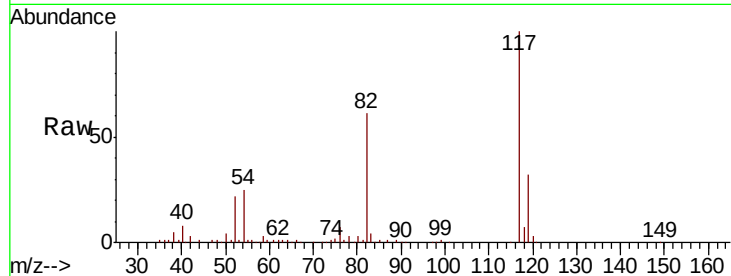




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Instrument :
MSVOA_F
ClientSampleId :
4UST-SW-1

Tot Ion:117 Resp: 260580
Ion Ratio Lower Upper
117 100
82 60.8 46.6 69.8
119 32.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF060917.D
Acq: 6 Dec 2018 15:11

Tgt Ion:152 Resp: 149001
Ion Ratio Lower Upper
152 100
115 59.0 30.1 90.5
150 157.3 0.0 327.6

