

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF120618\
 Data File : VF060920.D
 Acq On : 6 Dec 2018 16:37
 Operator : VA/AP
 Sample : J6248-04
 Misc : 4.84g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 4UST-SW-4

Quant Time: Dec 06 17:06:43 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	4.87	168	192152	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	316603	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	302047	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	165563	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	98597	43.56	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	87.12%	
35) Dibromofluoromethane	4.11	113	109654	43.66	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	87.32%	
50) Toluene-d8	7.55	98	255187	34.49	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	68.98%	
62) 4-Bromofluorobenzene	11.41	95	127762	37.99	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	75.98%	

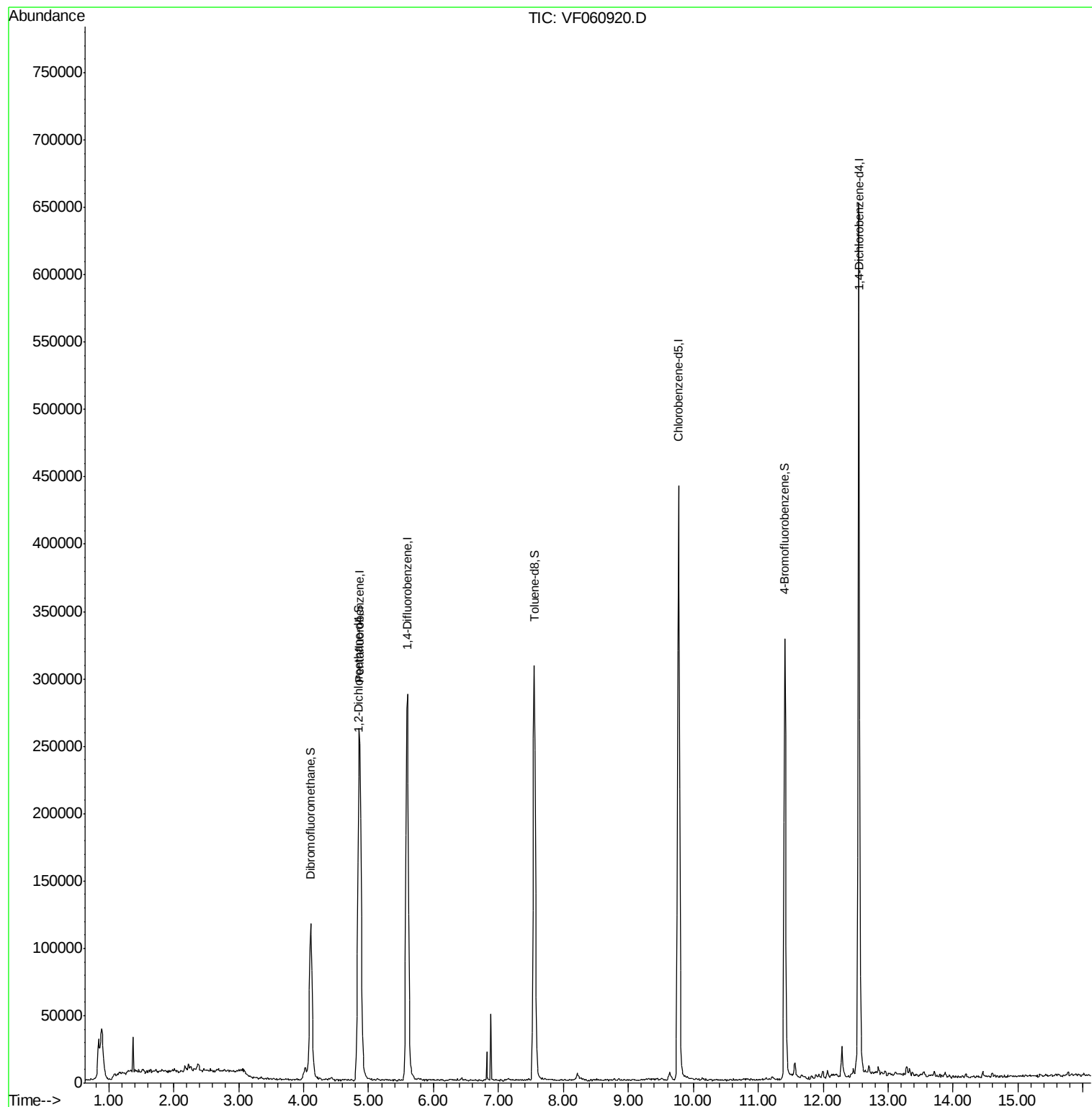
Target Compounds	Qvalue
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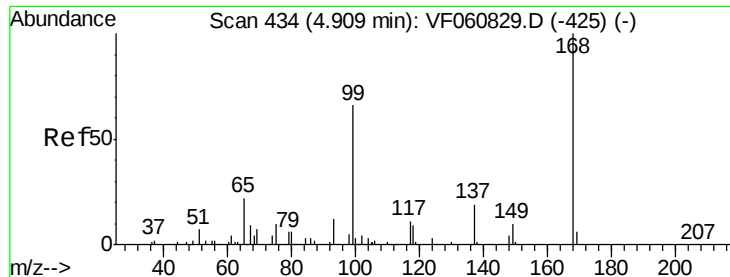
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF060920.D

Acq: 6 Dec 2018 16:37

Instrument :

MSVOA_F

ClientSampleId :

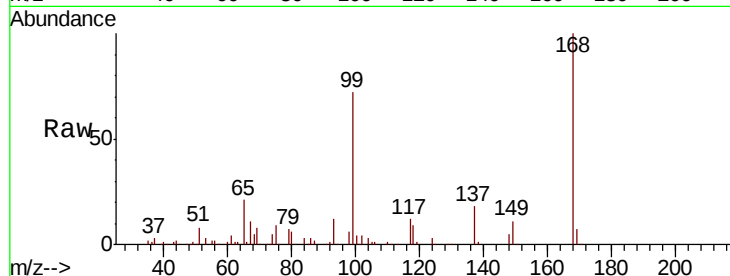
4UST-SW-4

Tot Ion:168 Resp: 192152

Ion Ratio Lower Upper

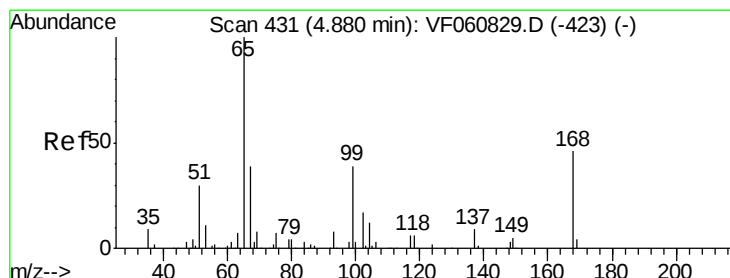
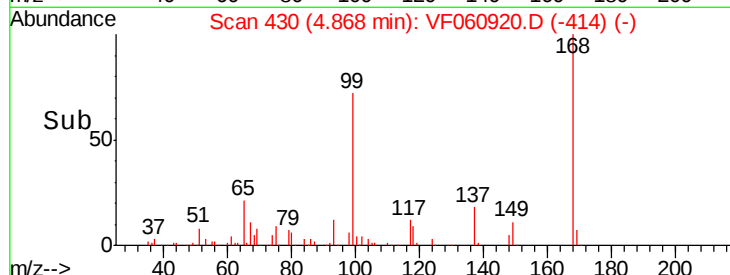
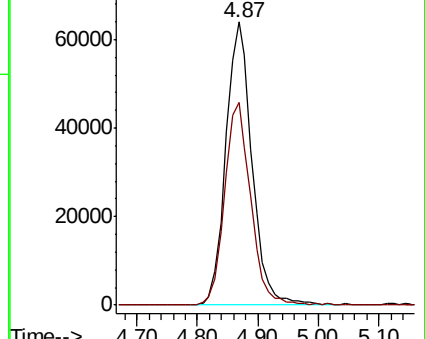
168 100

99 71.5 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 43.557 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF060920.D

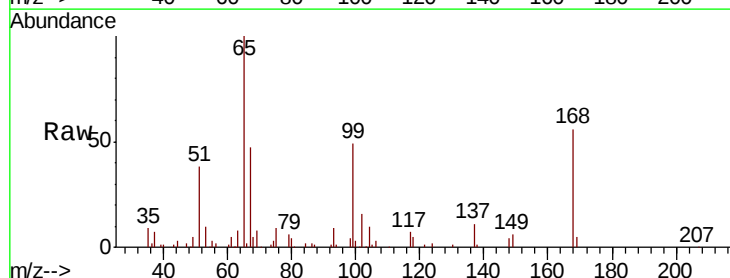
Acq: 6 Dec 2018 16:37

Tgt Ion: 65 Resp: 98597

Ion Ratio Lower Upper

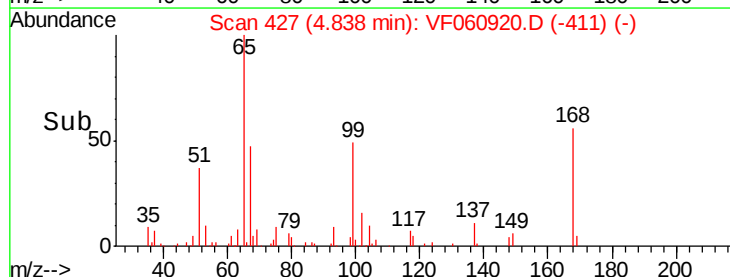
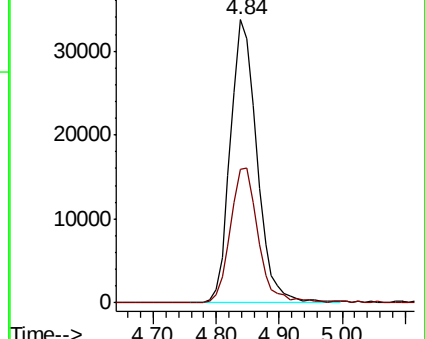
65 100

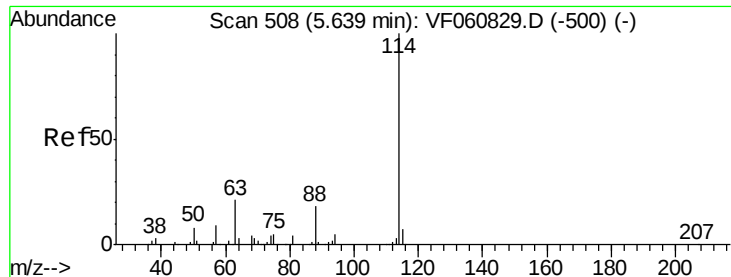
67 47.2 0.0 96.4



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: 5.60 min Scan# 504

Delta R.T. -0.04 min

Lab File: VF060920.D

Acq: 6 Dec 2018 16:37

Instrument :

MSVOA_F

ClientSampleId :

4UST-SW-4

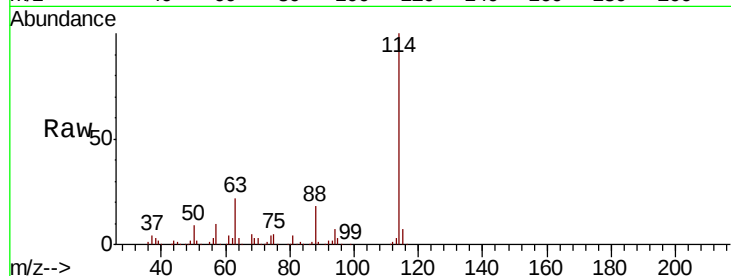
Tot Ion:114 Resp: 316603

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.6

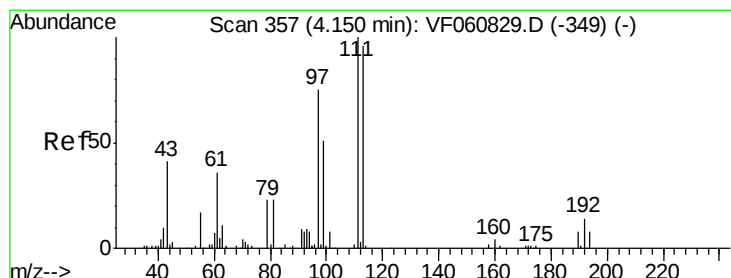
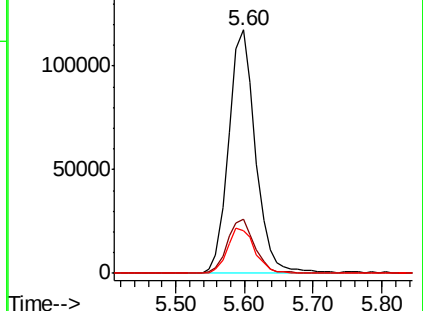
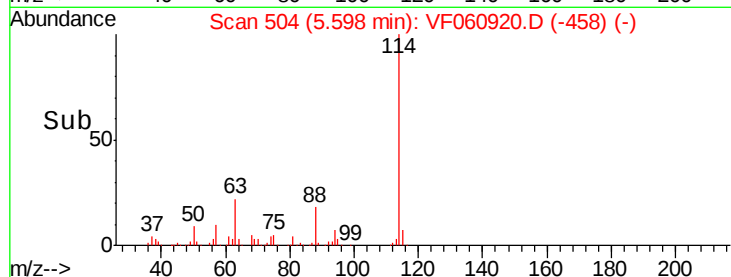
88 17.7 0.0 36.6



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: 43.657 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.04 min

Lab File: VF060920.D

Acq: 6 Dec 2018 16:37

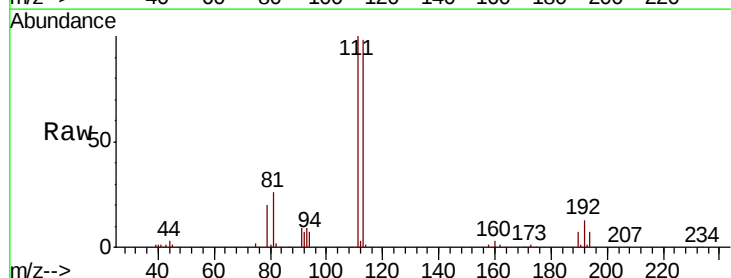
Tgt Ion:113 Resp: 109654

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.6

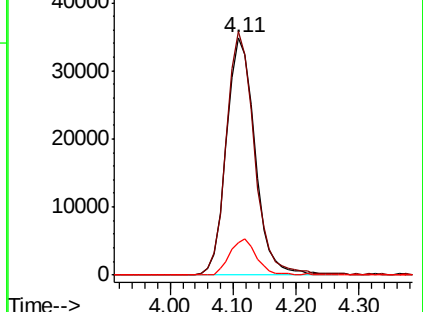
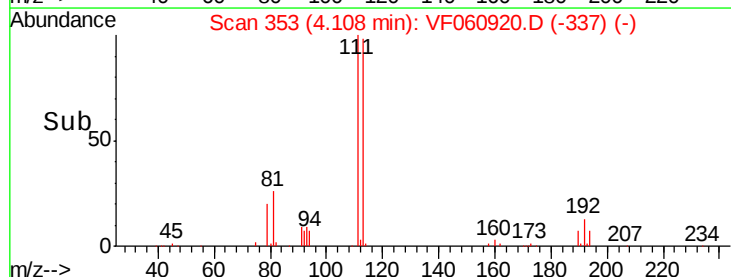
192 13.7 12.3 18.5

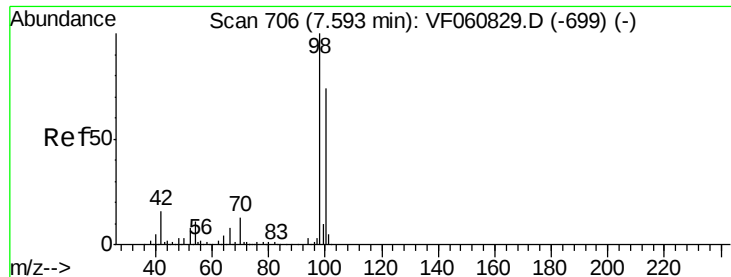


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 34.491 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.04 min

Lab File: VF060920.D

Acq: 6 Dec 2018 16:37

Instrument :

MSVOA_F

ClientSampleId :

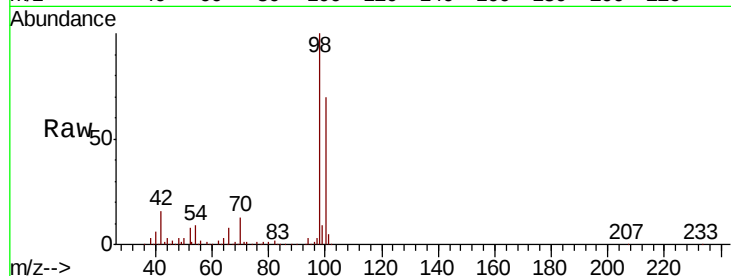
4UST-SW-4

Tot Ion: 98 Resp: 255187

Ion Ratio Lower Upper

98 100

100 69.6 59.3 88.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.55

120000

100000

80000

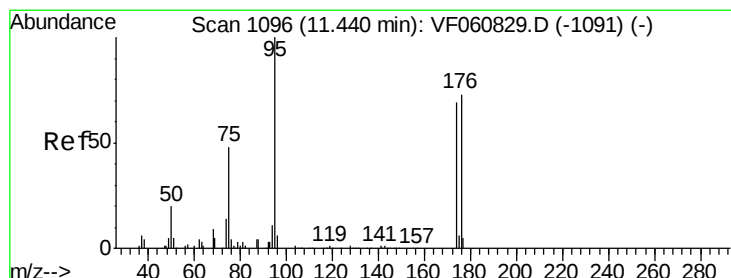
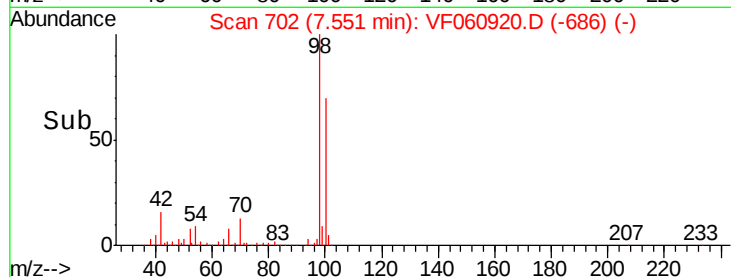
60000

40000

20000

0

Time--> 7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 37.995 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF060920.D

Acq: 6 Dec 2018 16:37

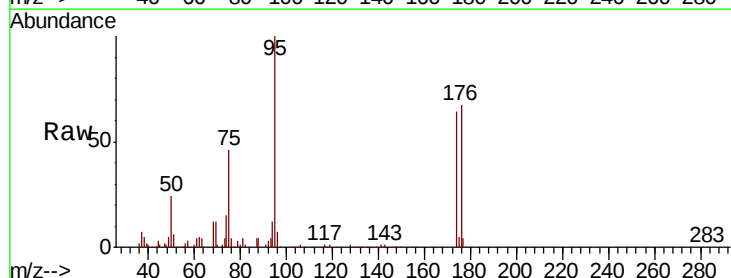
Tgt Ion: 95 Resp: 127762

Ion Ratio Lower Upper

95 100

174 64.4 0.0 138.2

176 66.9 0.0 146.2



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

11.41

80000

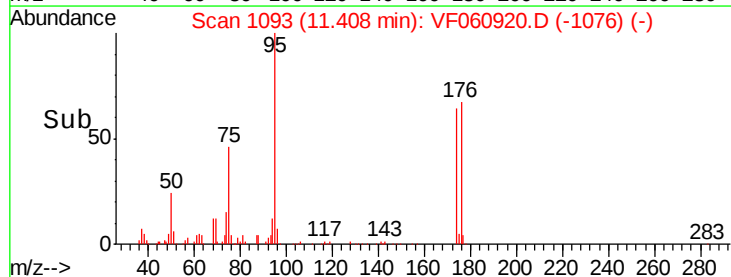
60000

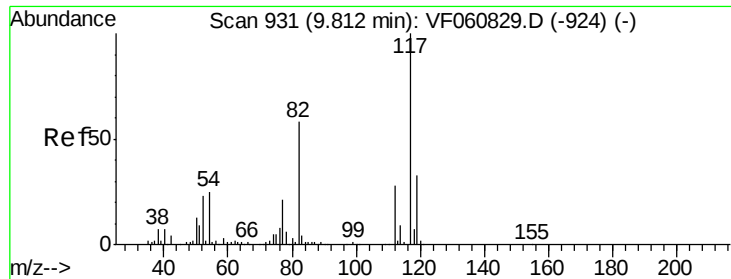
40000

20000

0

Time--> 11.30 11.40 11.50

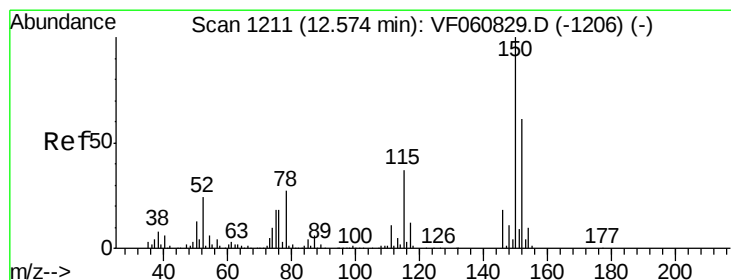
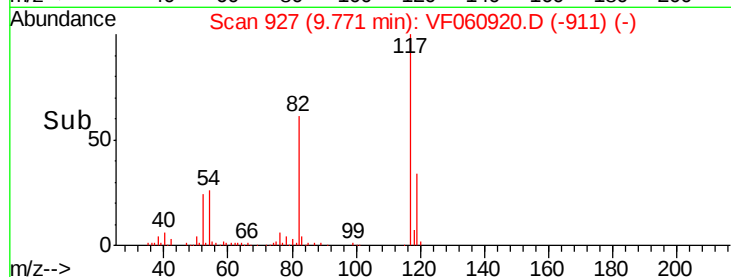
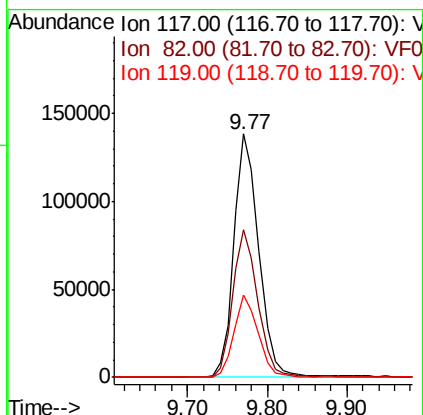
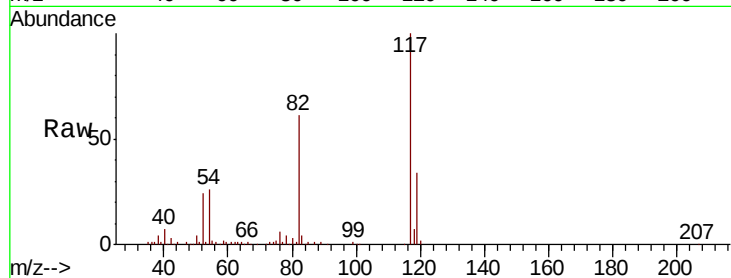




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.04 min
Lab File: VF060920.D
Acq: 6 Dec 2018 16:37

Instrument :
MSVOA_F
ClientSampleId :
4UST-SW-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.7	46.6	69.8
119	33.9	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF060920.D
Acq: 6 Dec 2018 16:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	30.1	90.5
150	156.7	0.0	327.6

