

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
 Data File : VF060751.D
 Acq On : 15 Nov 2018 17:19
 Operator : VA/AP
 Sample : J5767-15
 Misc : 6.22g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-111418-D

Quant Time: Nov 16 05:04:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F111318S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 14 03:11:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	77530	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	111628	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.77	117	101206	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	45532	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	23421	26.48	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	52.96%	
35) Dibromofluoromethane	4.10	113	30590	36.46	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	72.92%	
50) Toluene-d8	7.54	98	98067	45.19	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	90.38%	
62) 4-Bromofluorobenzene	11.41	95	39498	38.88	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	77.76%	

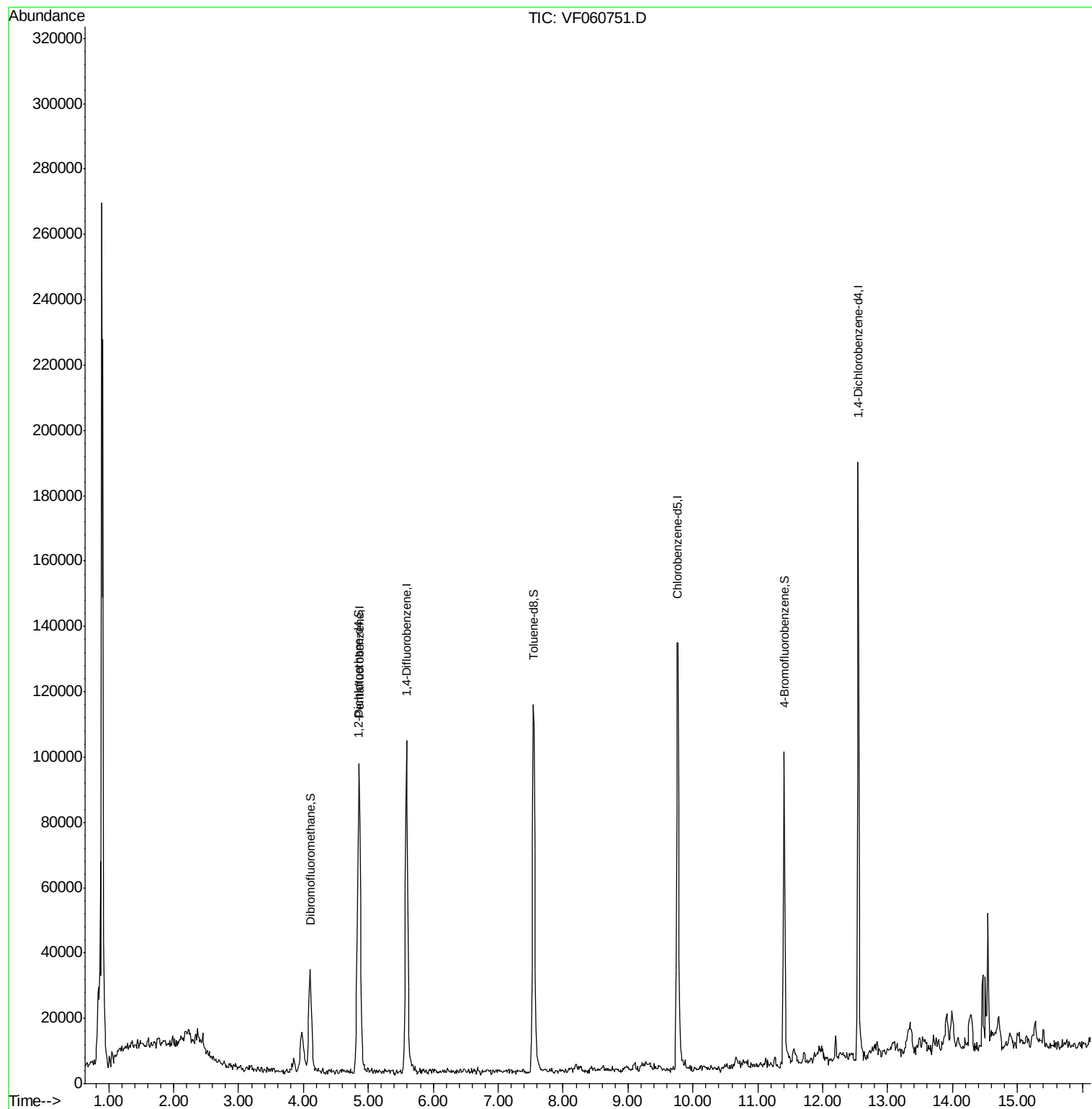
Target Compounds	Qvalue

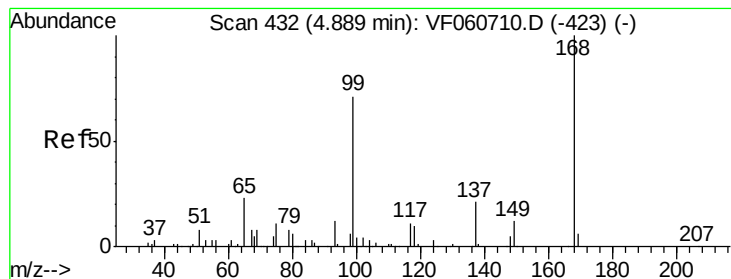
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF111518\
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Quant Title : SW846 8260
QLast Update : Wed Nov 14 03:11:14 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF060751.D

Acq: 15 Nov 2018 17:19

Instrument :

MSVOA_F

ClientSampleId :

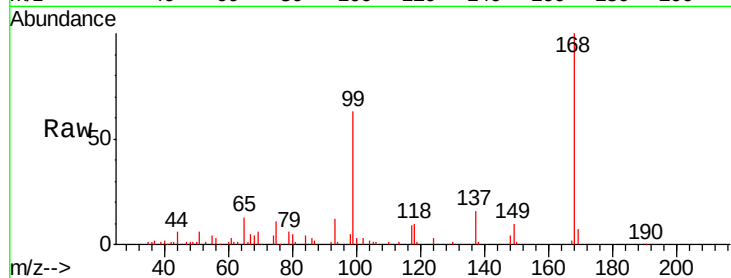
CL-01-111418-D

Tgt Ion:168 Resp: 77530

Ion Ratio Lower Upper

168 100

99 62.5 57.2 85.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

25000

20000

15000

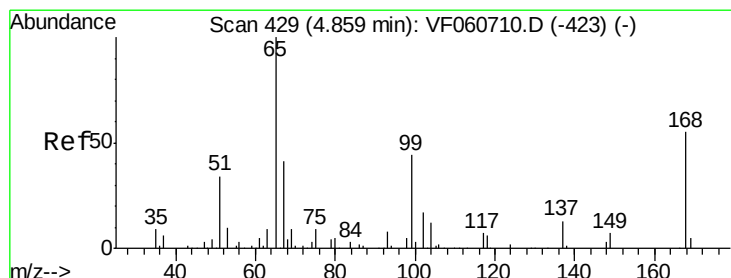
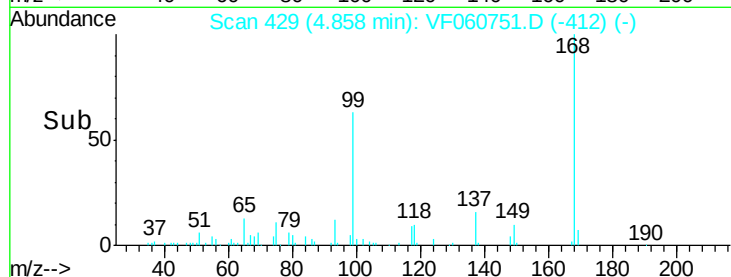
10000

5000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 26.48 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.02 min

Lab File: VF060751.D

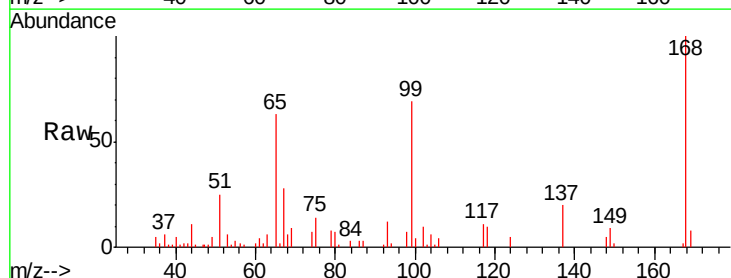
Acq: 15 Nov 2018 17:19

Tgt Ion: 65 Resp: 23421

Ion Ratio Lower Upper

65 100

67 44.8 0.0 90.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

8000

6000

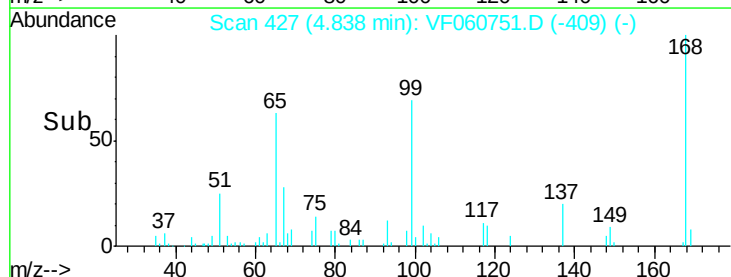
4000

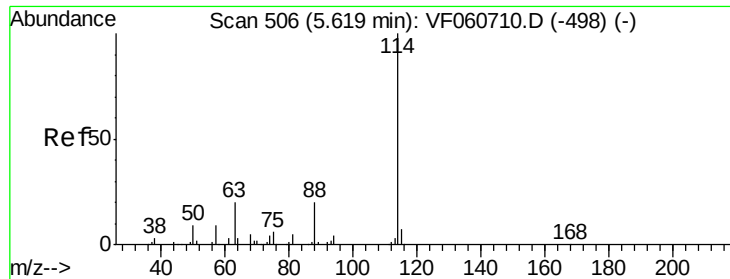
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0

Time-->

4.70 4.80 4.90

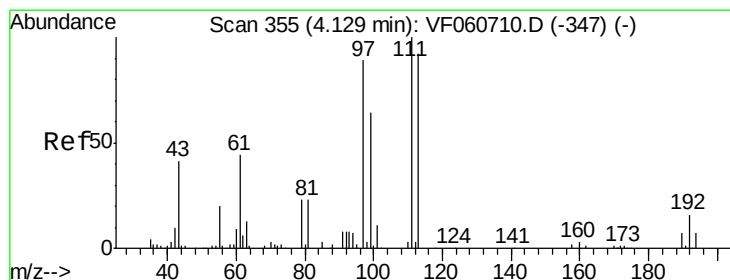
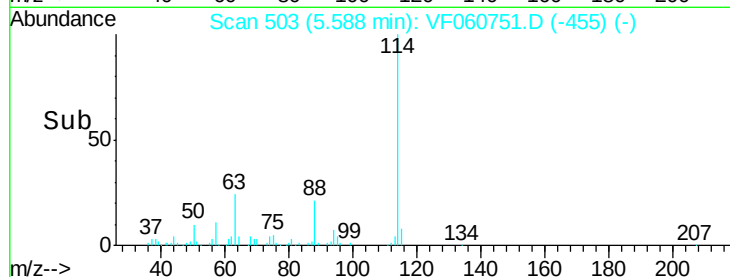
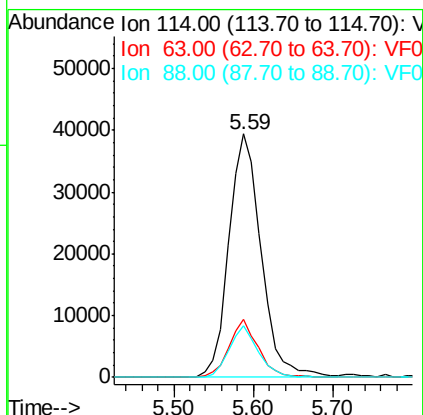
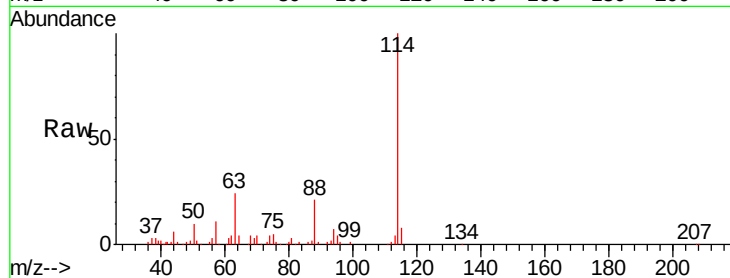




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.03 min
 Lab File: VF060751.D
 Acq: 15 Nov 2018 17:19

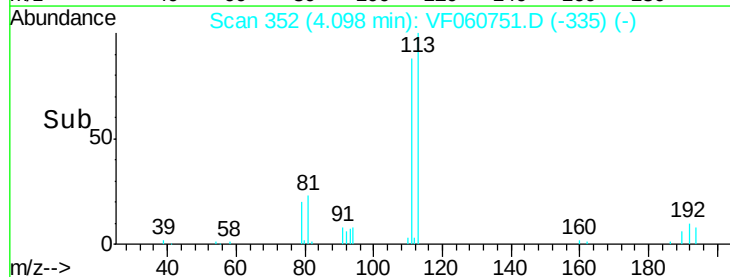
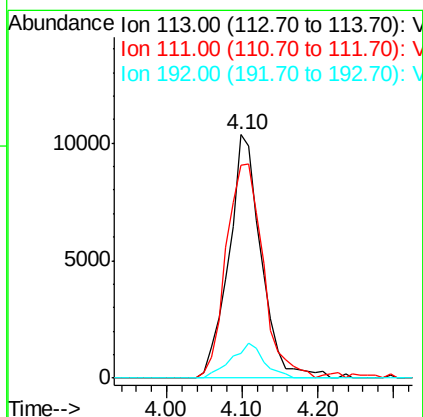
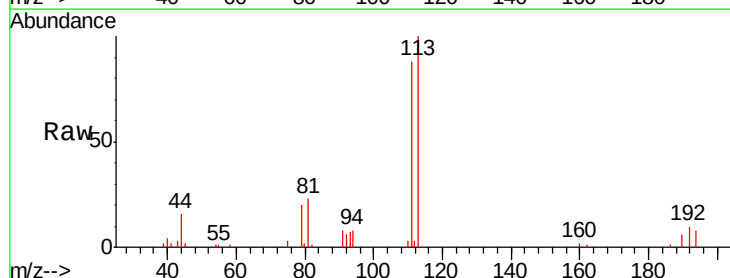
Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-111418-D

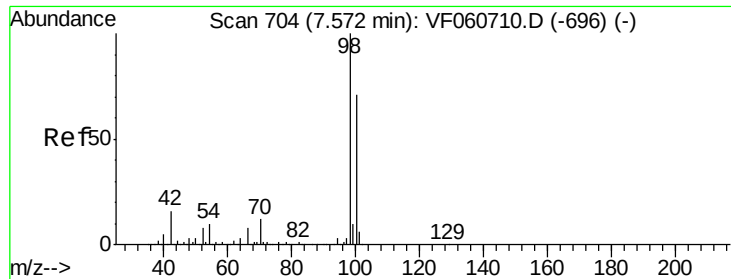
Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	40.8
88	21.5	0.0	39.6



#35
 Dibromofluoromethane
 Concen: 36.46 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.03 min
 Lab File: VF060751.D
 Acq: 15 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	90.1	87.1	130.7
192	10.2	13.8	20.6

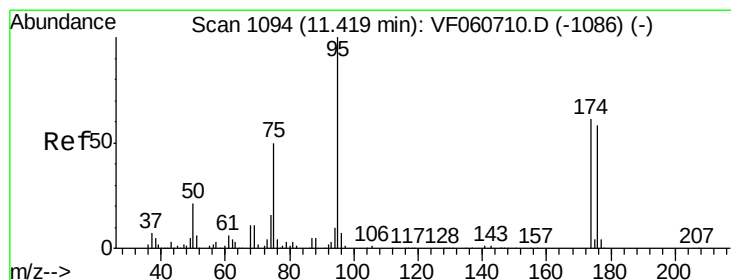
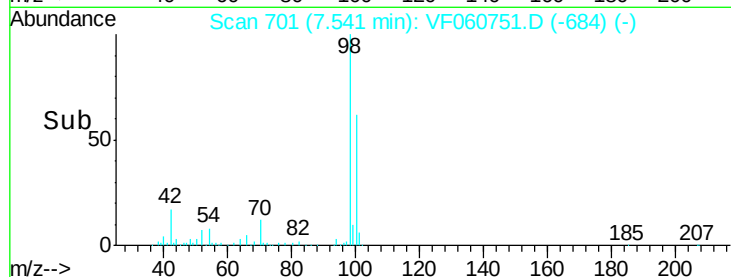
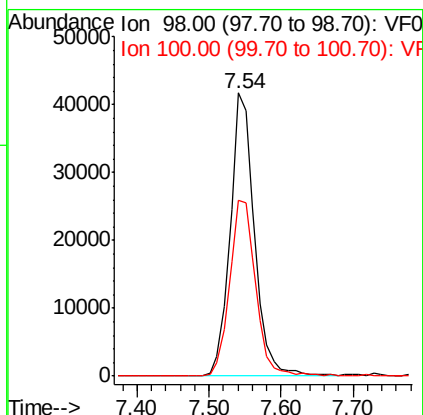
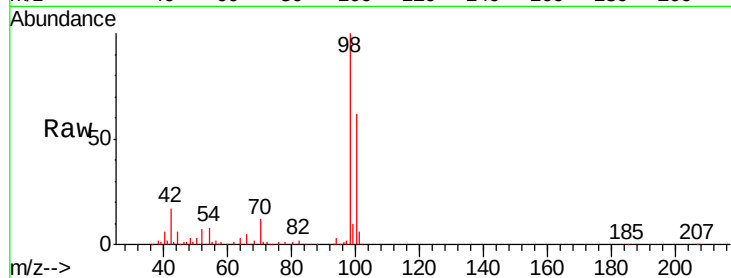




#50
Toluene-d8
Concen: 45.19 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.03 min
Lab File: VF060751.D
Acq: 15 Nov 2018 17:19

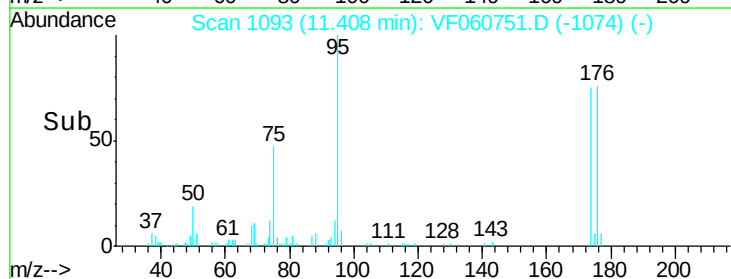
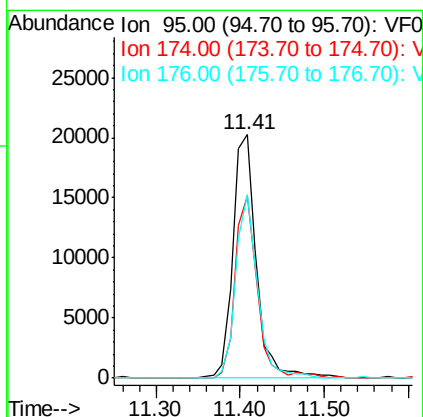
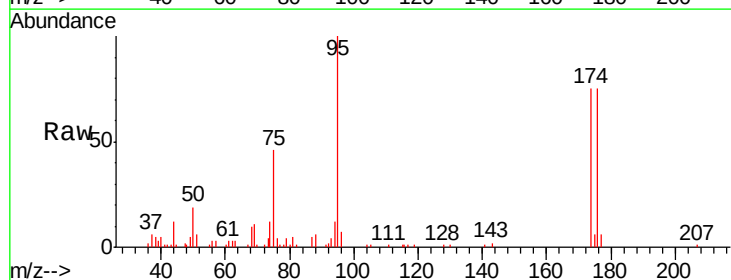
Instrument :
MSVOA_F
ClientSampleId :
CL-01-111418-D

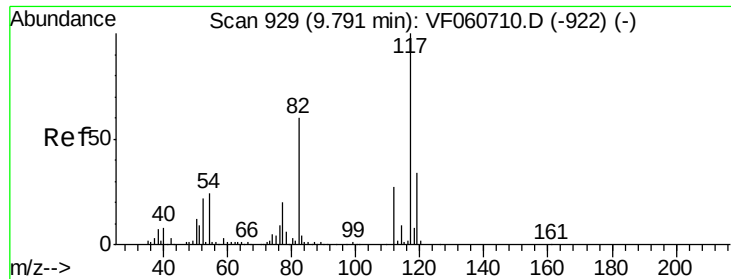
Tgt Ion: 98 Resp: 98067
Ion Ratio Lower Upper
98 100
100 62.3 56.5 84.7



#62
4-Bromofluorobenzene
Concen: 38.88 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060751.D
Acq: 15 Nov 2018 17:19

Tgt Ion: 95 Resp: 39498
Ion Ratio Lower Upper
95 100
174 75.0 0.0 121.6
176 75.3 0.0 115.2

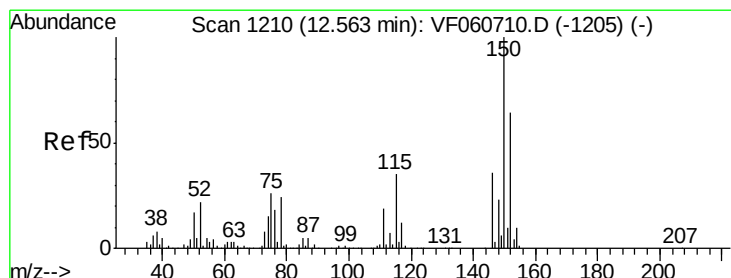
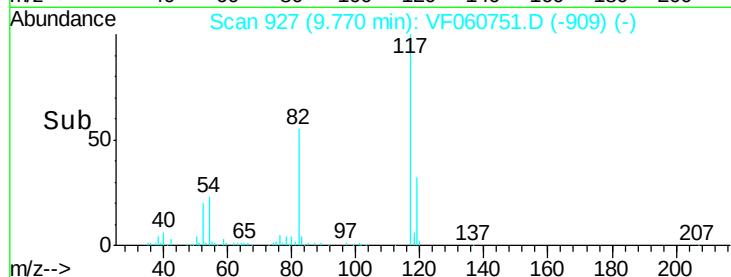
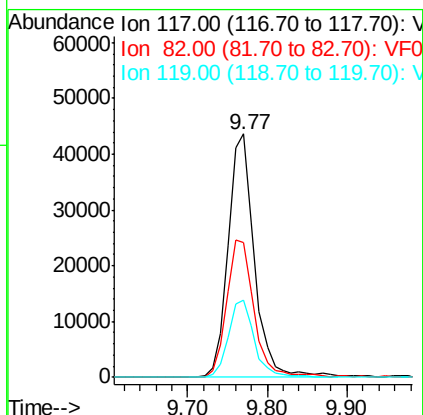
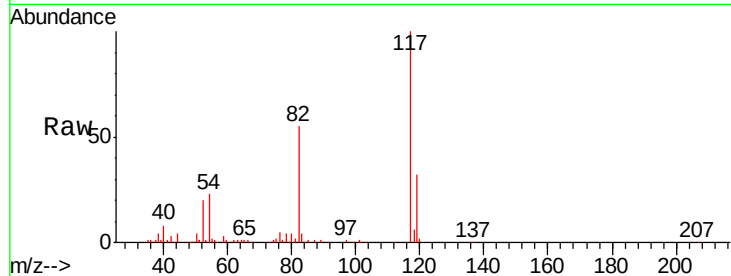




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.02 min
Lab File: VF060751.D
Acq: 15 Nov 2018 17:19

Instrument :
MSVOA_F
ClientSampleId :
CL-01-111418-D

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.5	47.9	71.9
119	31.5	26.8	40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.02 min
Lab File: VF060751.D
Acq: 15 Nov 2018 17:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	27.9	83.7
150	151.4	0.0	316.4

