

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF110718\
 Data File : VF060637.D
 Acq On : 7 Nov 2018 19:19
 Operator : VA/AP
 Sample : J5772-01RE
 Misc : 6.25g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-05-110518RE

Quant Time: Nov 08 15:19:32 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	4.87	168	58339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	60394	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	26184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	7051	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	8237	13.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.94%	
35) Dibromofluoromethane	4.11	113	14252	30.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.08%	
50) Toluene-d8	7.56	98	26997	19.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.06%	
62) 4-Bromofluorobenzene	11.41	95	10754	17.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.58%	

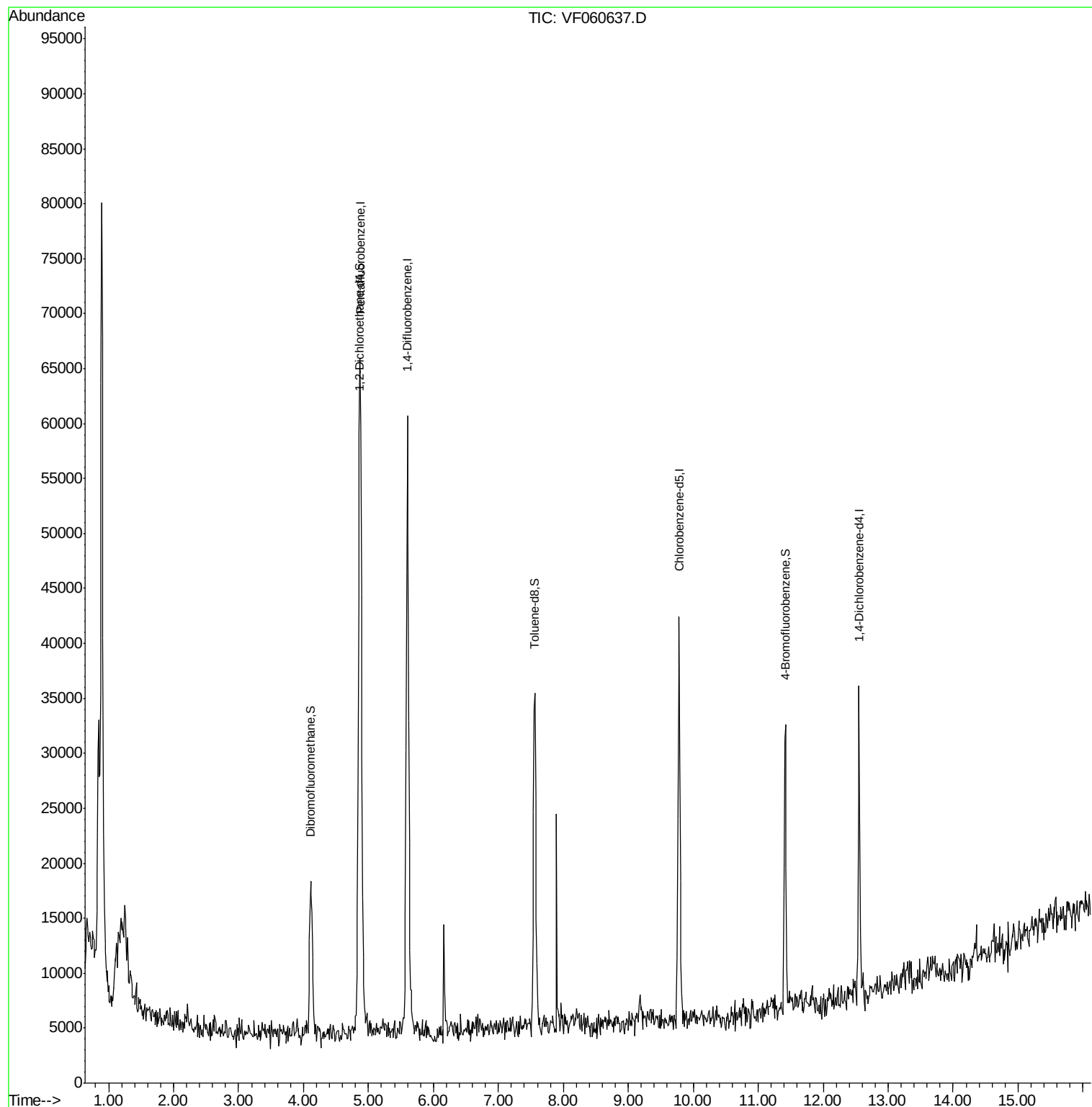
Target Compounds	Qvalue

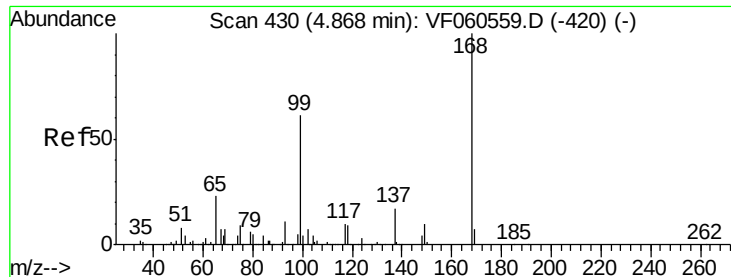
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF060637.D

Acq: 7 Nov 2018 19:19

Instrument :

MSVOA_F

ClientSampleId :

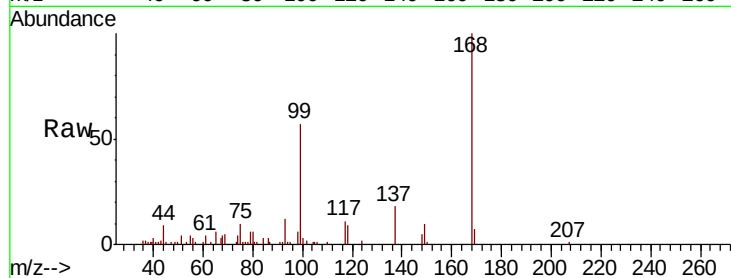
PL-05-110518RE

Tot Ion:168 Resp: 58339

Ion Ratio Lower Upper

168 100

99 57.4 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

20000

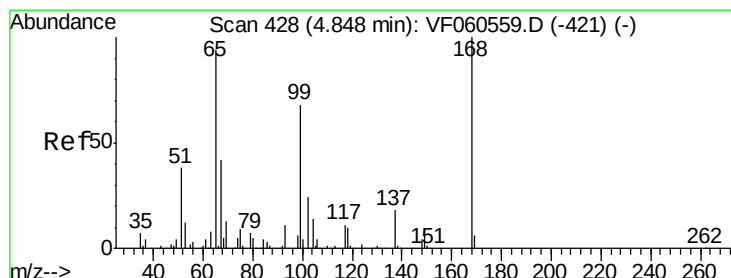
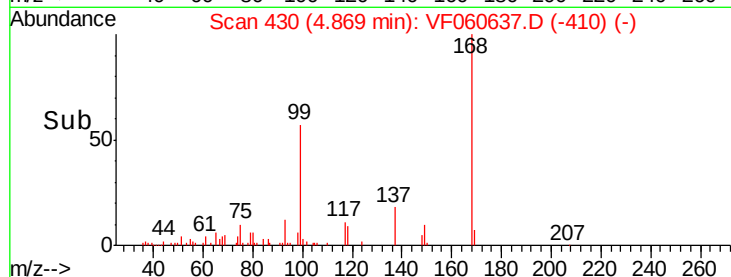
15000

10000

5000

0

Time--> 4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 13.974 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.00 min

Lab File: VF060637.D

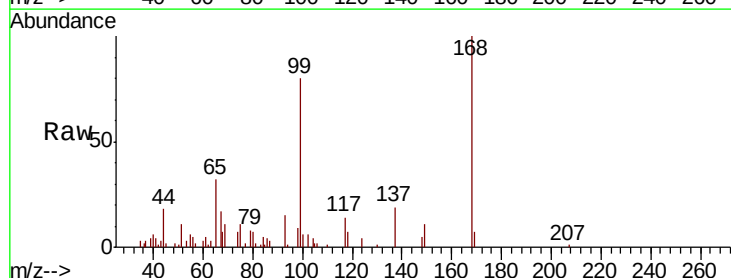
Acq: 7 Nov 2018 19:19

Tgt Ion: 65 Resp: 8237

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

3000

2500

2000

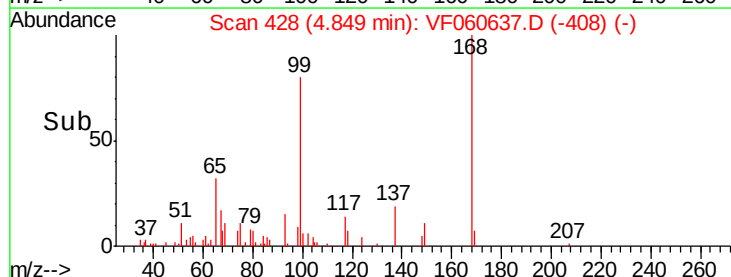
1500

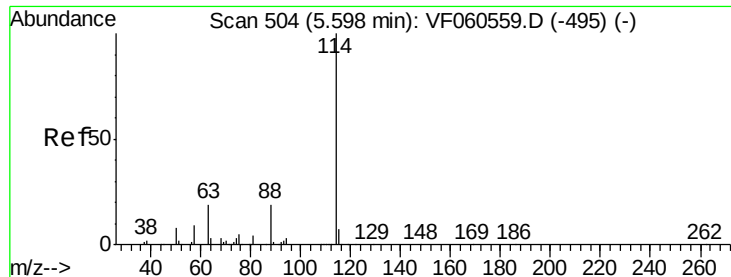
1000

500

0

Time--> 4.80 4.90

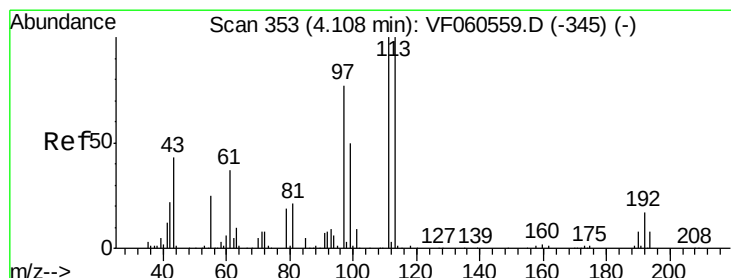
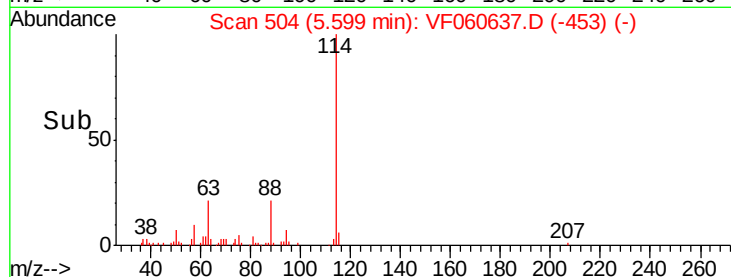
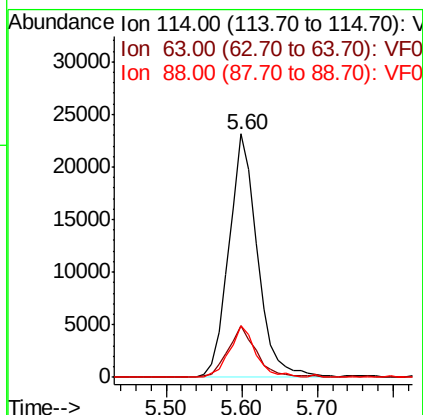
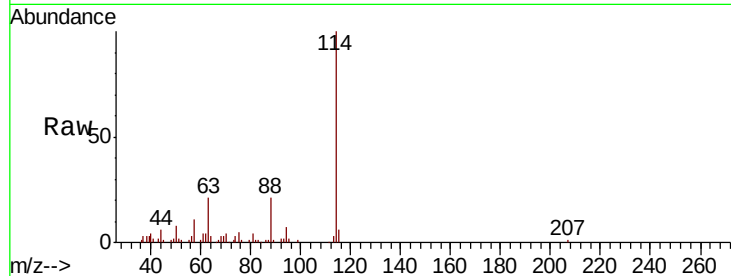




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: VF060637.D
 Acq: 7 Nov 2018 19:19

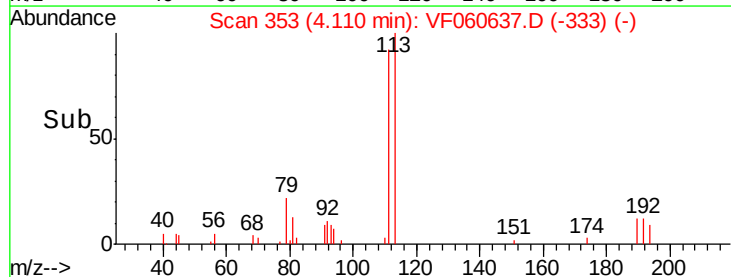
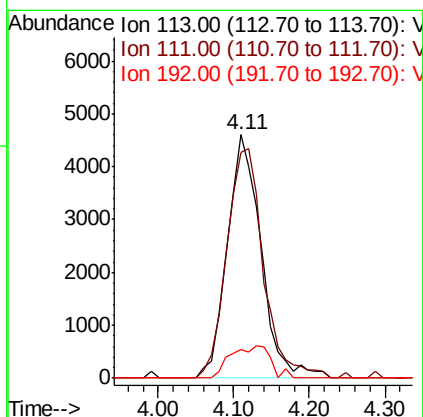
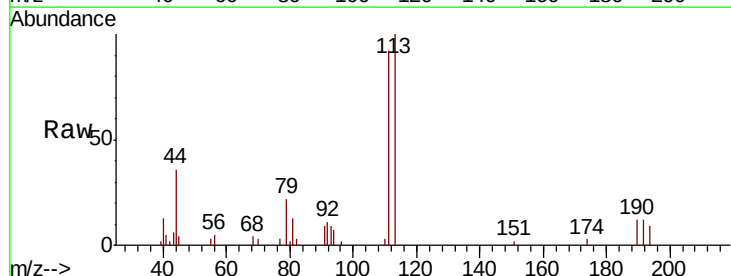
Instrument :
 MSVOA_F
 ClientSampleId :
 PL-05-110518RE

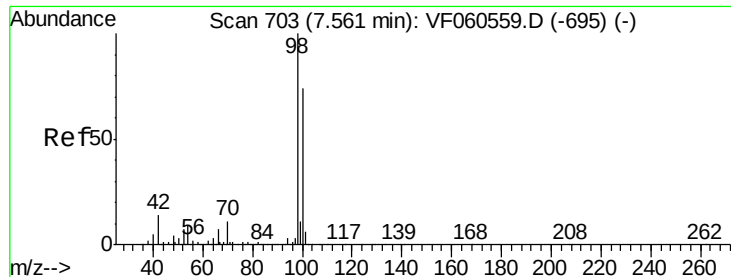
Tot Ion:114 Resp: 60394
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.0
 88 20.9 0.0 38.2



#35
 Dibromofluoromethane
 Concen: 30.544 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VF060637.D
 Acq: 7 Nov 2018 19:19

Tgt Ion:113 Resp: 14252
 Ion Ratio Lower Upper
 113 100
 111 92.5 79.9 119.9
 192 11.8 13.3 19.9#

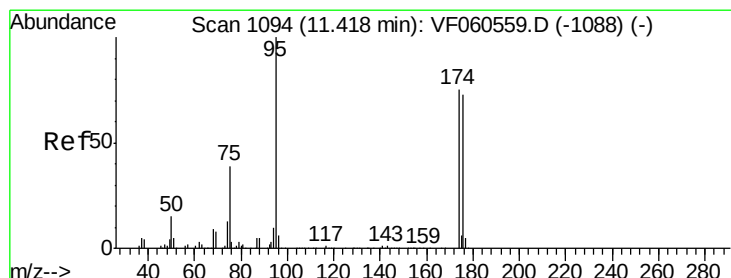
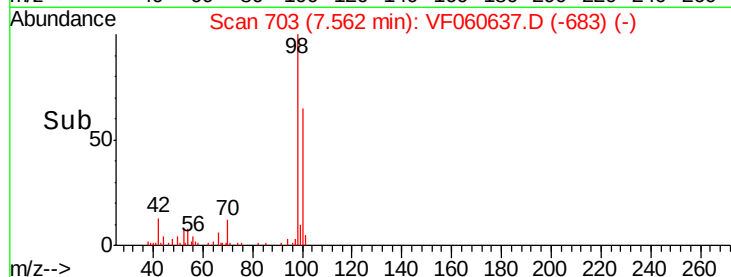
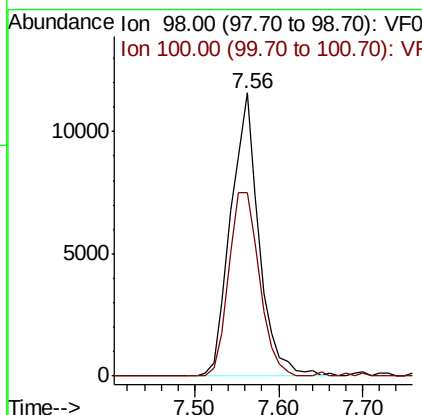
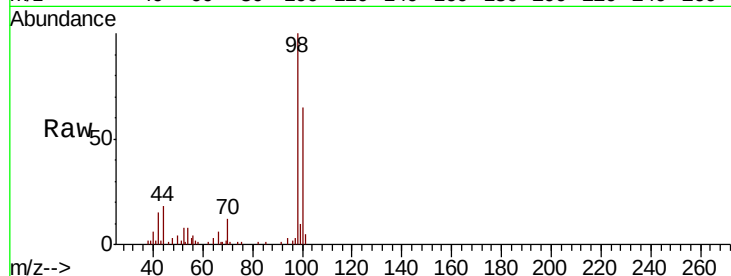




#50
Toluene-d8
Concen: 19.532 ug/l
RT: 7.56 min Scan# 703
Delta R.T. 0.00 min
Lab File: VF060637.D
Acq: 7 Nov 2018 19:19

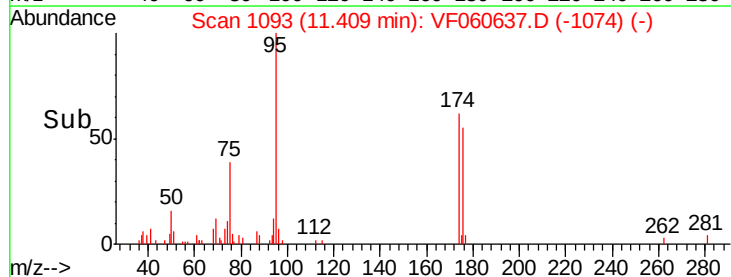
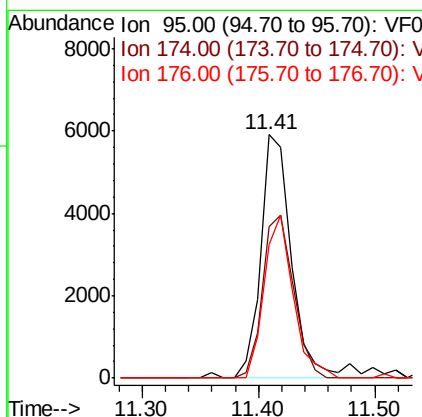
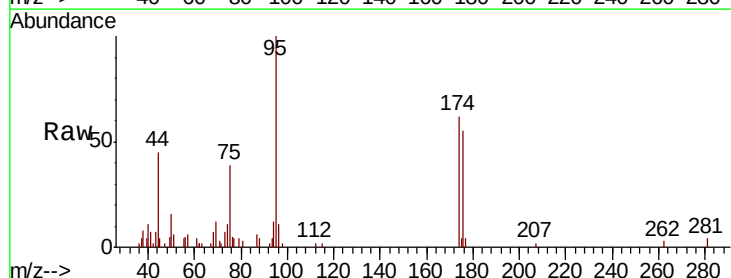
Instrument :
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PL-05-110518RE

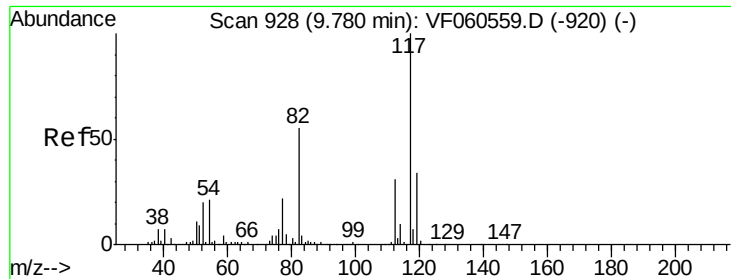
Tot Ion: 98 Resp: 26997
Ion Ratio Lower Upper
98 100
100 64.7 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 17.787 ug/l
RT: 11.41 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VF060637.D
Acq: 7 Nov 2018 19:19

Tgt Ion: 95 Resp: 10754
Ion Ratio Lower Upper
95 100
174 62.3 0.0 149.0
176 55.0 0.0 145.6

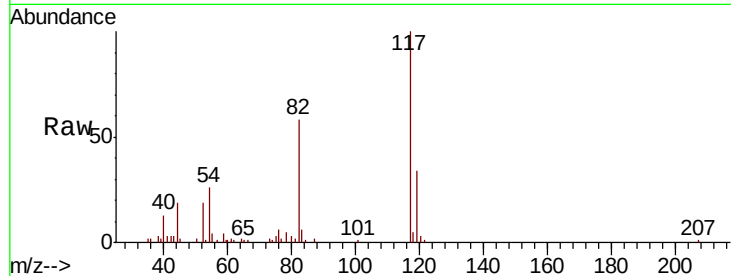




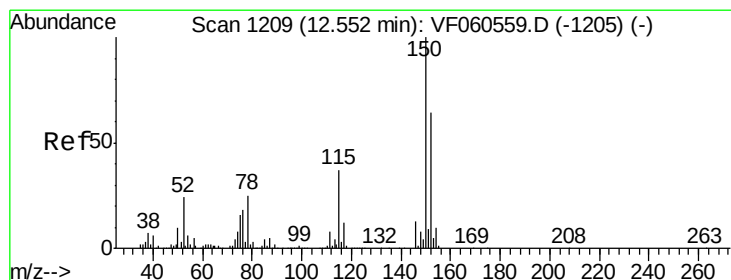
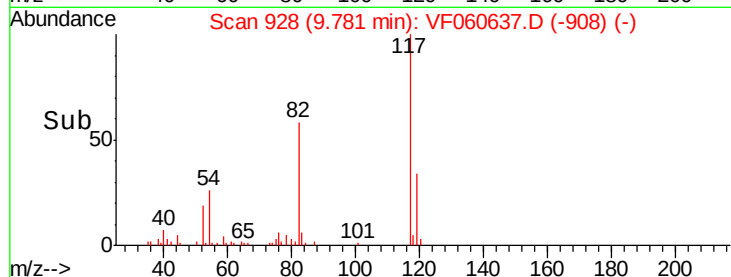
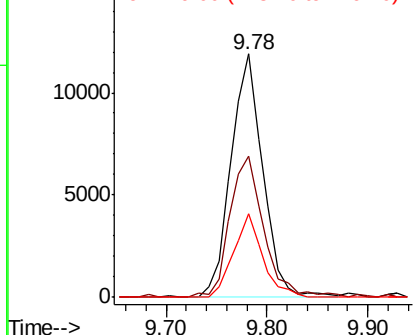
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF060637.D
Acq: 7 Nov 2018 19:19

Instrument :
MSVOA_F
ClientSampleId :
PL-05-110518RE

Tot Ion:117 Resp: 26184
Ion Ratio Lower Upper
117 100
82 58.1 43.9 65.9
119 34.3 27.4 41.0

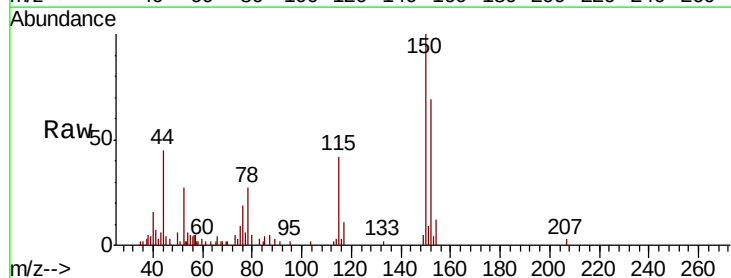


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060637.D
Acq: 7 Nov 2018 19:19

Tgt Ion:152 Resp: 7051
Ion Ratio Lower Upper
152 100
115 60.4 29.6 88.8
150 144.5 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

