

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059825.D
 Acq On : 3 Aug 2018 4:25
 Operator : VA/AP
 Sample : J4162-06
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NORTHLAWN-PRECHAR-AREA-3-B

Quant Time: Aug 03 08:27:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	30502	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	33074	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	21789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	4886	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	7860	14.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	28.68%	
35) Dibromofluoromethane	4.29	113	9824	28.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.20%	
50) Toluene-d8	7.71	98	27377	34.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.36%	
62) 4-Bromofluorobenzene	11.51	95	5753	12.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	25.94%	

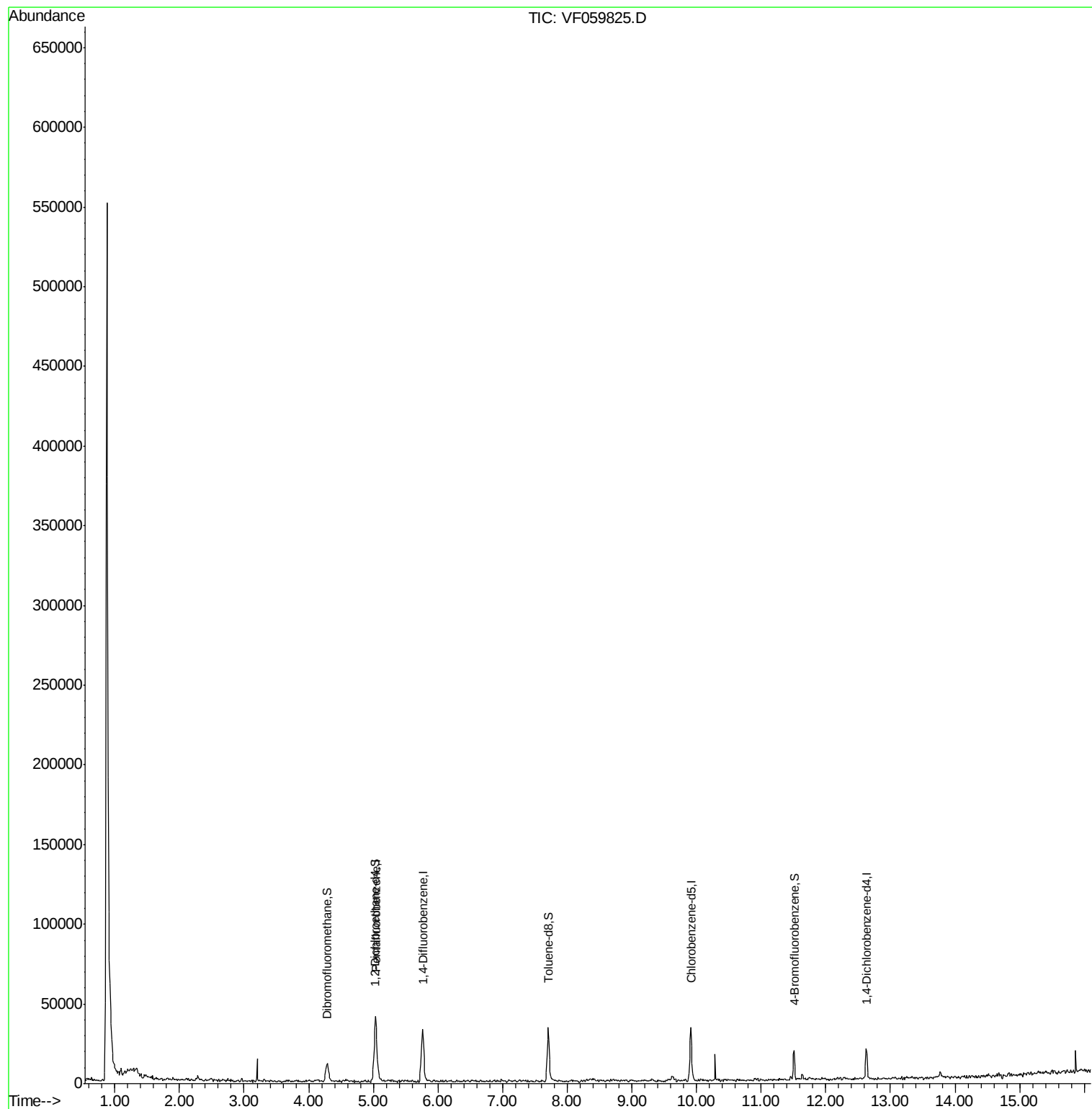
Target Compounds	Qvalue

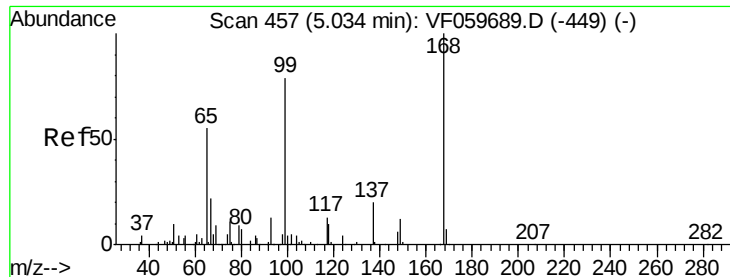
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080218\
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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059825.D

Acq: 3 Aug 2018 4:25

Instrument :

MSVOA_F

ClientSampleId :

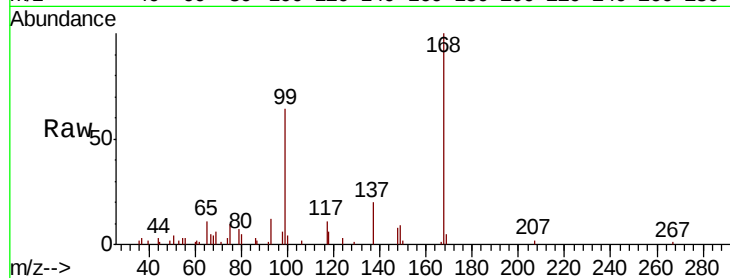
NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion:168 Resp: 30502

Ion Ratio Lower Upper

168 100

99 63.5 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

12000

10000

8000

6000

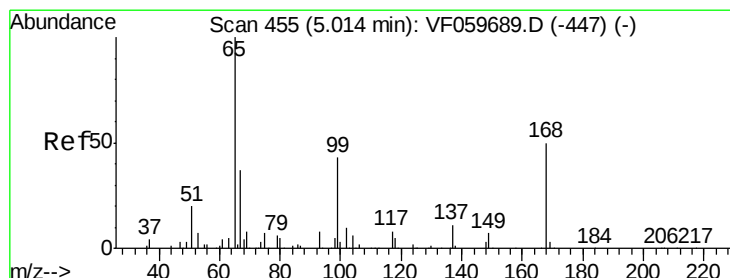
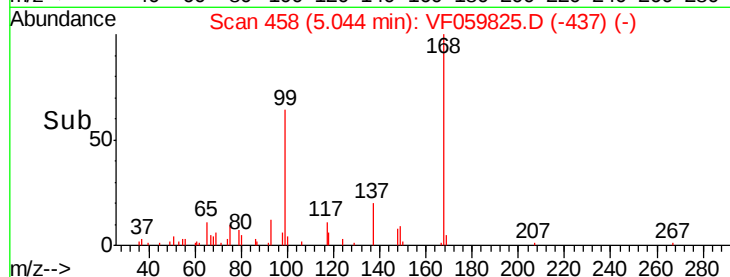
4000

2000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 14.34 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059825.D

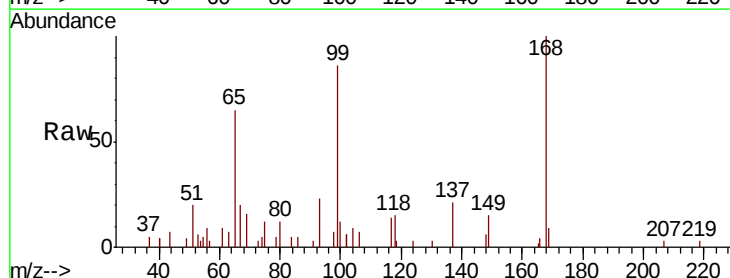
Acq: 3 Aug 2018 4:25

Tgt Ion: 65 Resp: 7860

Ion Ratio Lower Upper

65 100

67 31.0 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.01

3000

2500

2000

1500

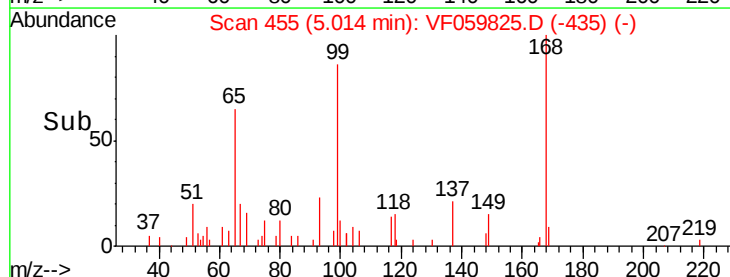
1000

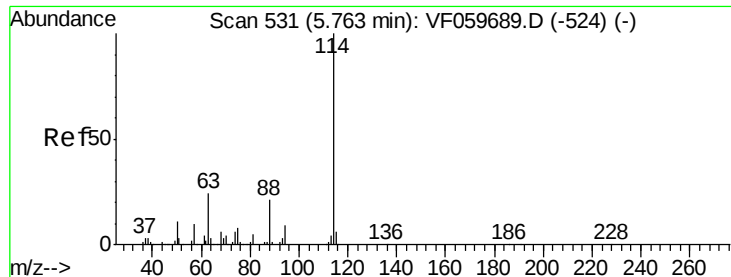
500

0

Time-->

4.90 5.00 5.10

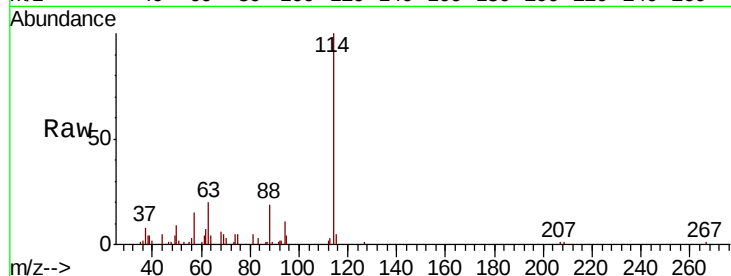




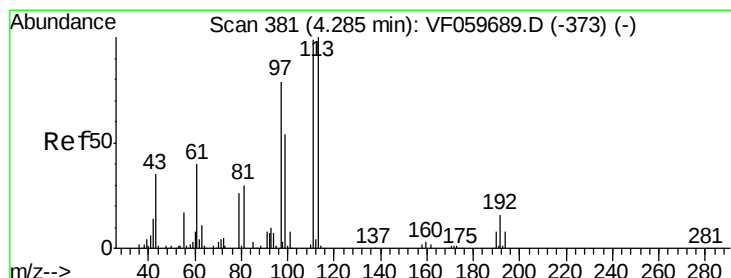
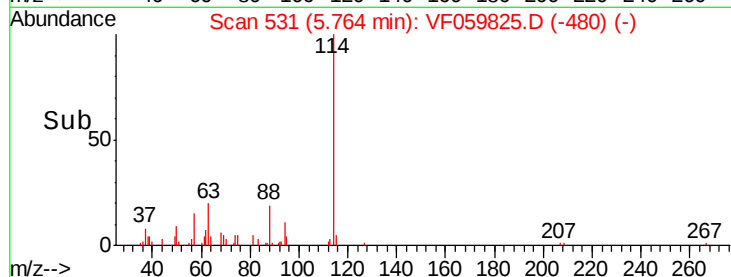
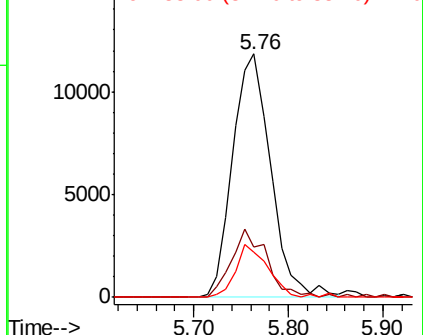
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.76 min Scan# 531
Delta R.T. 0.00 min
Lab File: VF059825.D
Acq: 3 Aug 2018 4:25

Instrument :
MSVOA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion:114 Resp: 33074
Ion Ratio Lower Upper
114 100
63 20.5 0.0 47.4
88 18.7 0.0 41.2

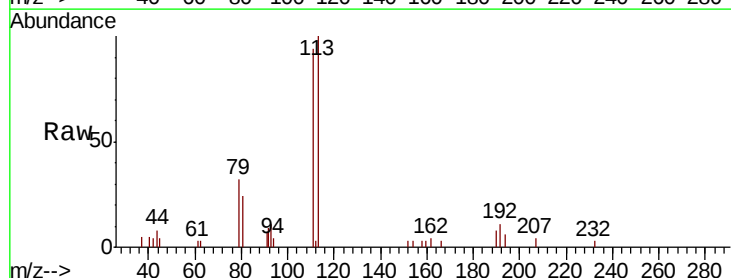


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

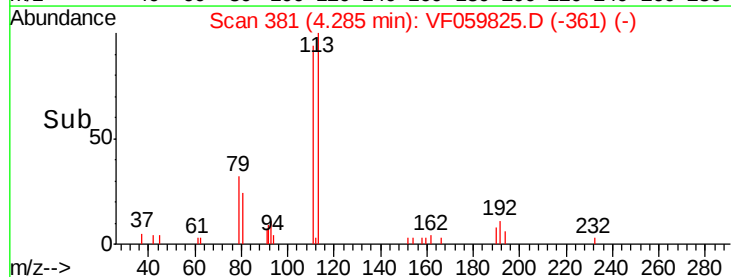
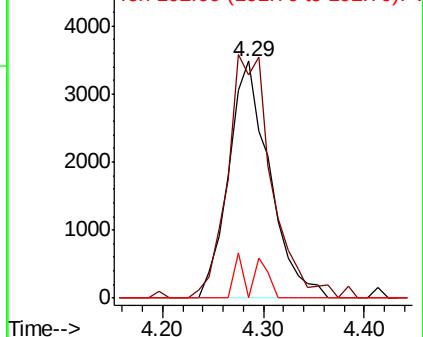


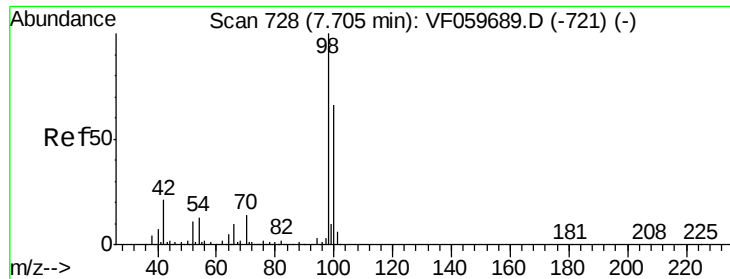
#35
Dibromofluoromethane
Concen: 28.60 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.00 min
Lab File: VF059825.D
Acq: 3 Aug 2018 4:25

Tgt Ion:113 Resp: 9824
Ion Ratio Lower Upper
113 100
111 94.2 79.0 118.4
192 0.0 13.2 19.8#



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

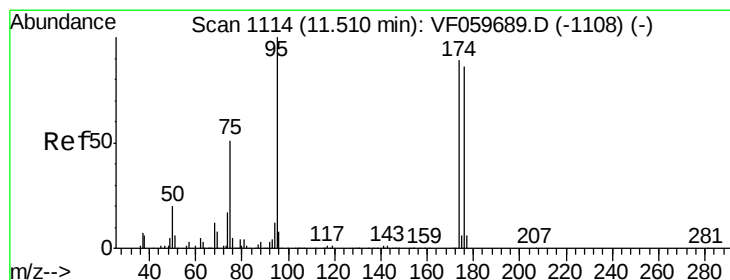
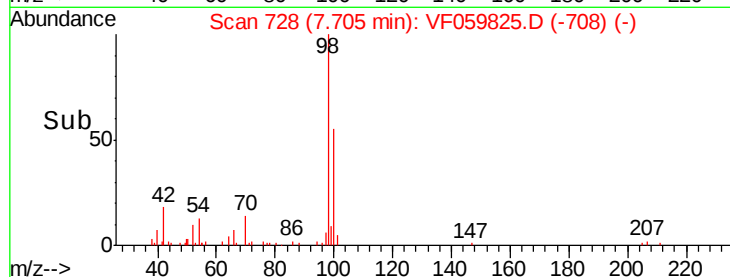
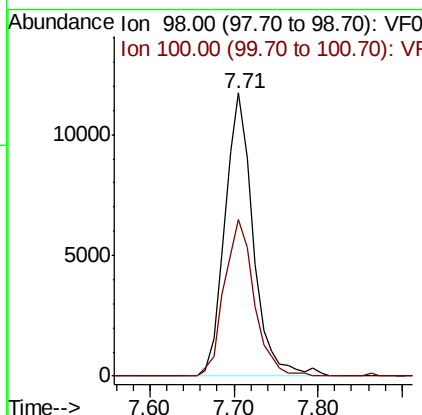
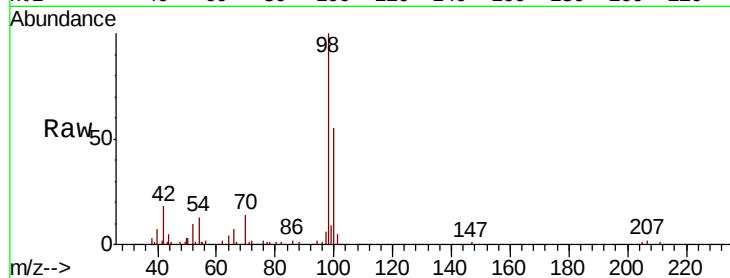




#50
Toluene-d8
Concen: 34.18 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059825.D
Acq: 3 Aug 2018 4:25

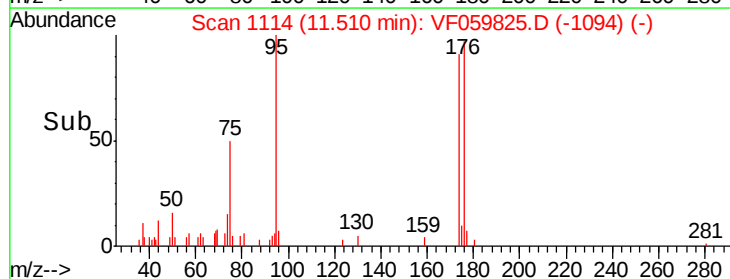
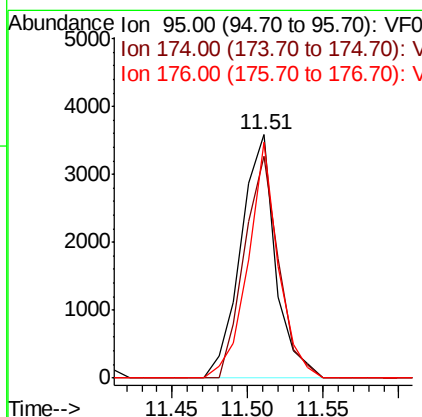
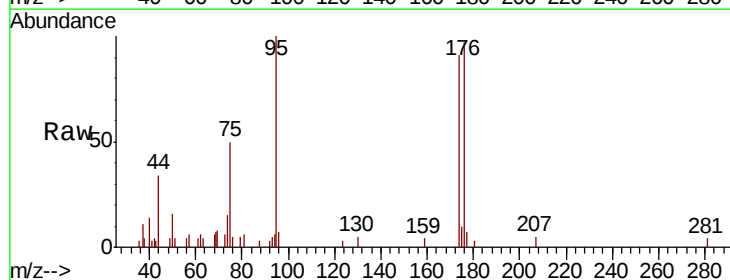
Instrument :
MSVOA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-3-B

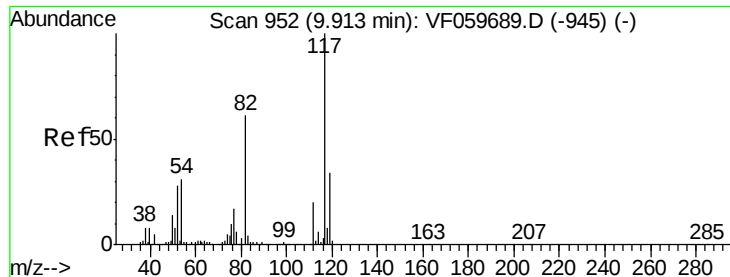
Tot Ion: 98 Resp: 27377
Ion Ratio Lower Upper
98 100
100 55.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 12.97 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059825.D
Acq: 3 Aug 2018 4:25

Tgt Ion: 95 Resp: 5753
Ion Ratio Lower Upper
95 100
174 91.0 0.0 178.4
176 97.1 0.0 173.0

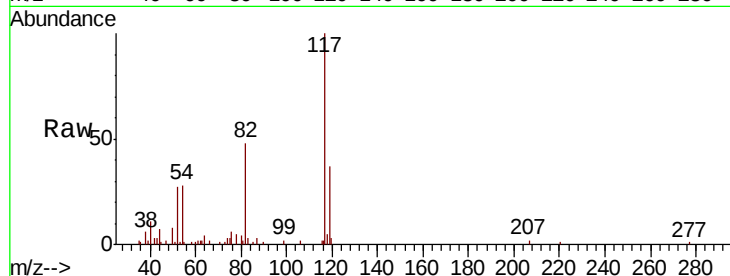




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059825.D
Acq: 3 Aug 2018 4:25

Instrument :
MSVOA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	47.7	49.0	73.4#
119	36.7	27.3	40.9

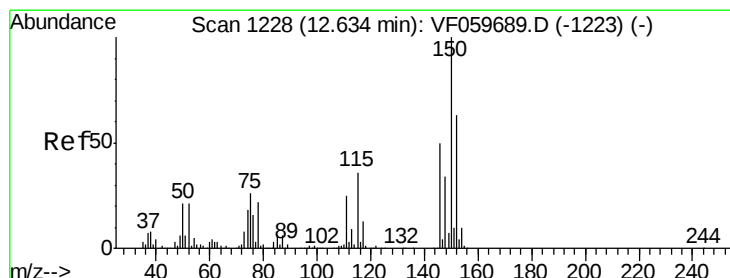
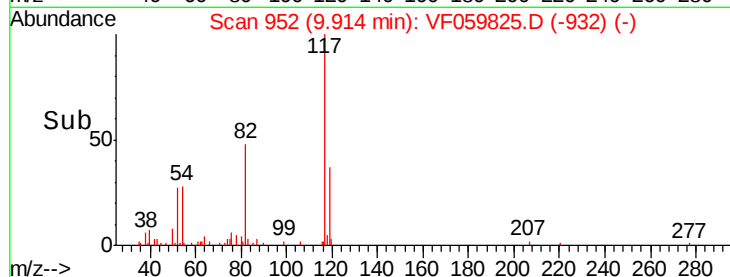
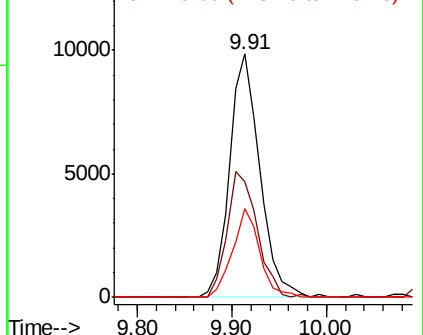


Abundance

Ion 117.00 (116.70 to 117.70): V

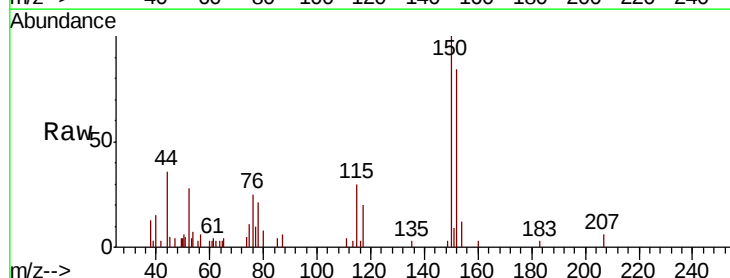
Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059825.D
Acq: 3 Aug 2018 4:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	35.4	28.2	84.6
150	119.2	0.0	316.2



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

