

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059826.D
 Acq On : 3 Aug 2018 4:52
 Operator : VA/AP
 Sample : J4162-06RE
 Misc : 5.03g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

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

Quant Time: Aug 03 08:30:39 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	87131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	117874	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	91530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	34765	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	63110	40.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.60%	
35) Dibromofluoromethane	4.29	113	52276	42.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.40%	
50) Toluene-d8	7.70	98	92386	32.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.72%	
62) 4-Bromofluorobenzene	11.51	95	35813	22.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.32%	

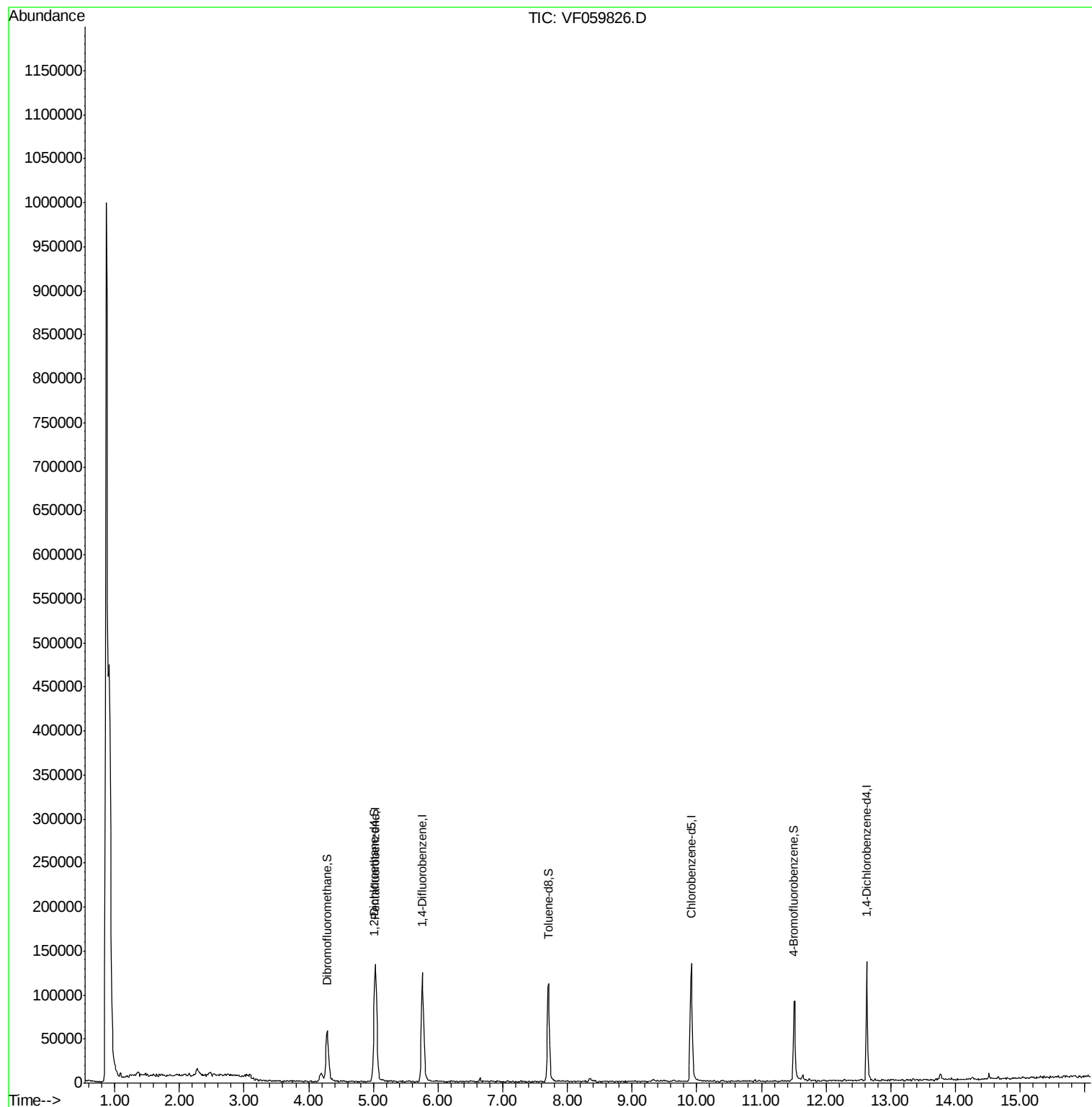
Target Compounds	Qvalue

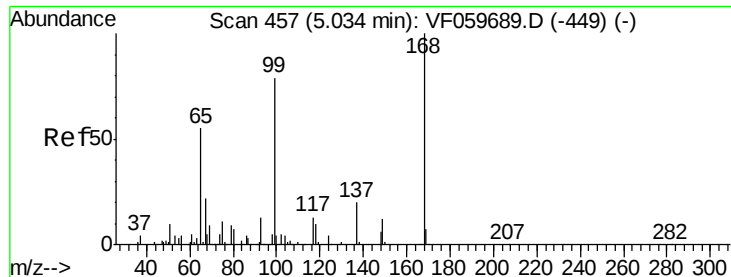
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080218\
Data File : VF059826.D
Acq On : 3 Aug 2018 4:52
Operator : VA/AP
Sample : J4162-06RE
Misc : 5.03g/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

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

Quant Time: Aug 03 08:30:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
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# 457

Delta R.T. 0.00 min

Lab File: VF059826.D

Acq: 3 Aug 2018 4:52

Instrument :

MSVOA_F

ClientSampleId :

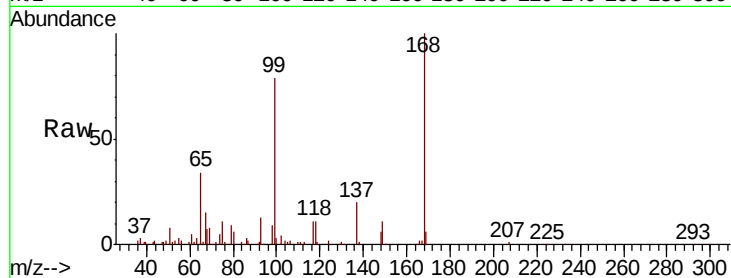
NORTHLAWN-PRECHAR-AREA-3-B

Tot Ion:168 Resp: 87131

Ion Ratio Lower Upper

168 100

99 78.7 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

30000

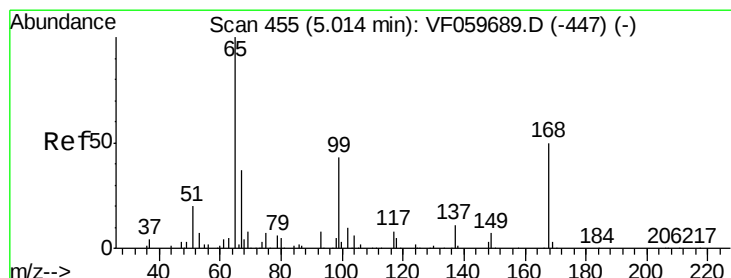
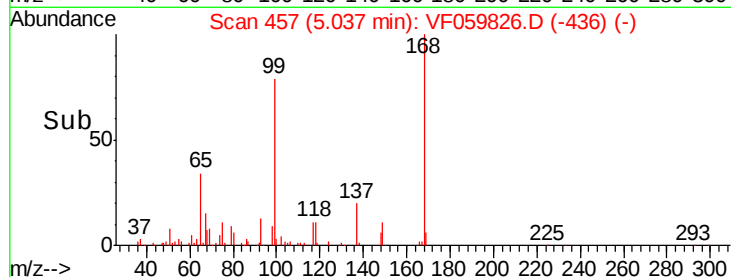
20000

10000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.30 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059826.D

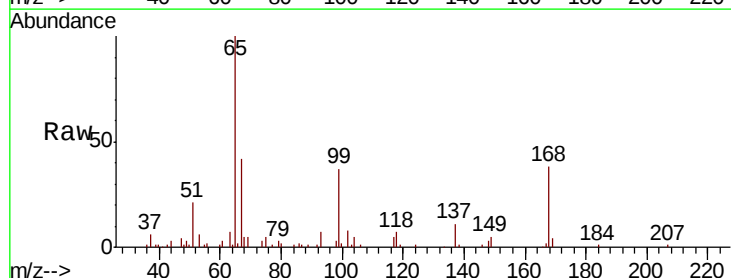
Acq: 3 Aug 2018 4:52

Tgt Ion: 65 Resp: 63110

Ion Ratio Lower Upper

65 100

67 41.7 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

25000

20000

15000

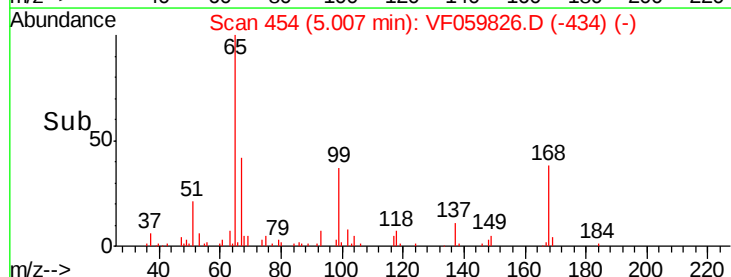
10000

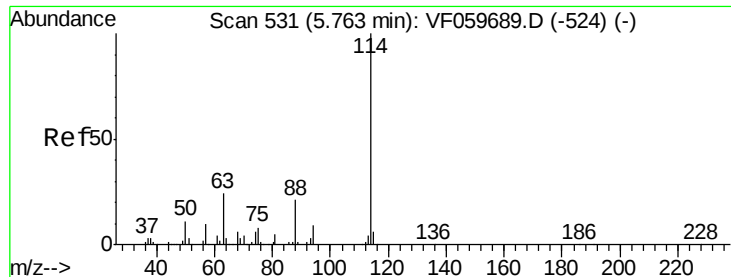
5000

0

4.90 5.00 5.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059826.D

Acq: 3 Aug 2018 4:52

Instrument :

MSVOA_F

ClientSampleId :

NORTHLAWN-PRECHAR-AREA-3-B

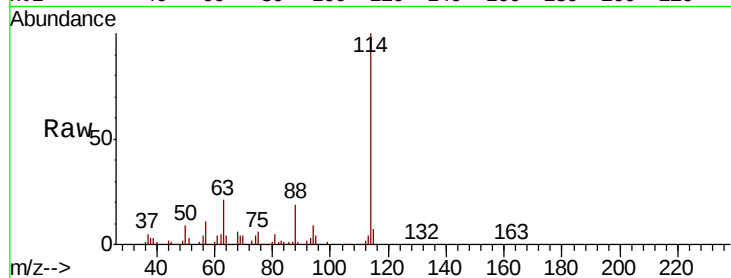
Tot Ion:114 Resp: 117874

Ion Ratio Lower Upper

114 100

63 21.0 0.0 47.4

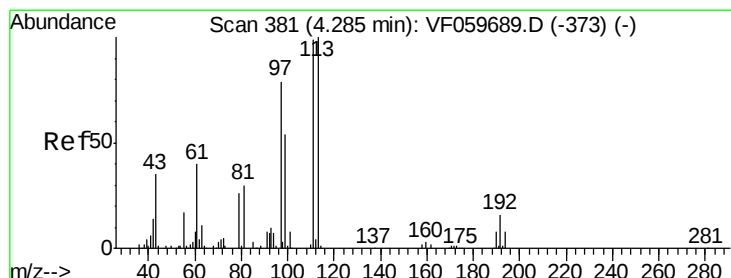
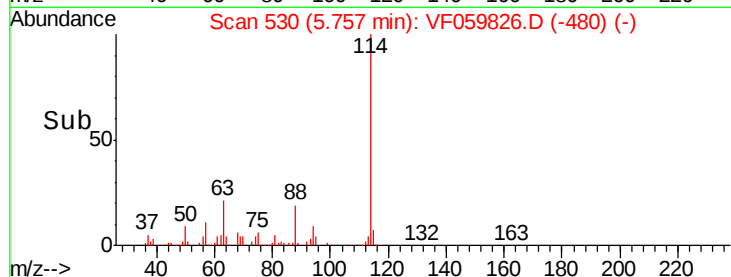
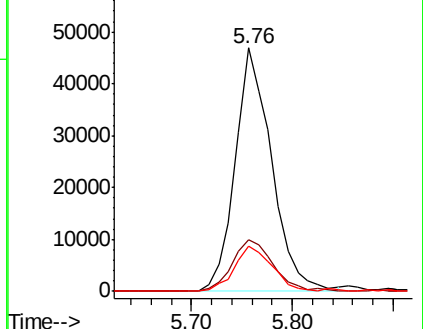
88 18.7 0.0 41.2



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: 42.70 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059826.D

Acq: 3 Aug 2018 4:52

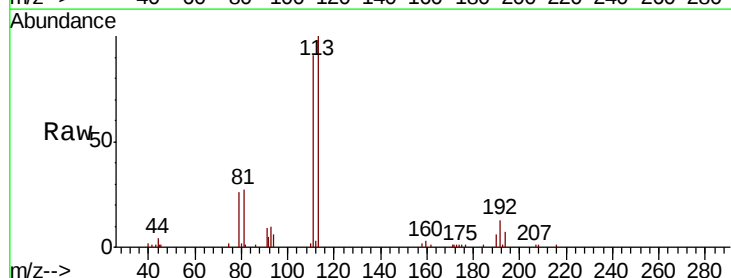
Tgt Ion:113 Resp: 52276

Ion Ratio Lower Upper

113 100

111 90.6 79.0 118.4

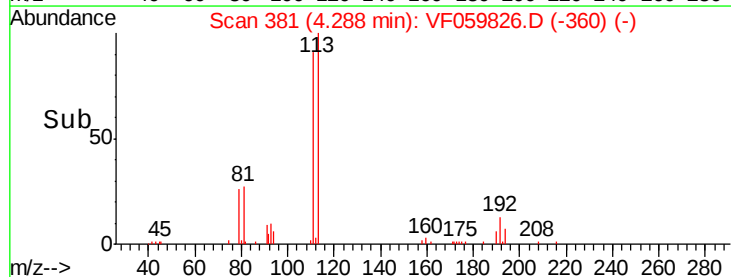
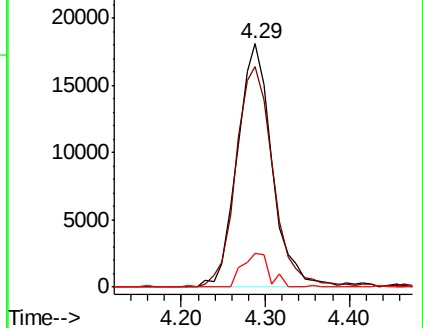
192 13.6 13.2 19.8

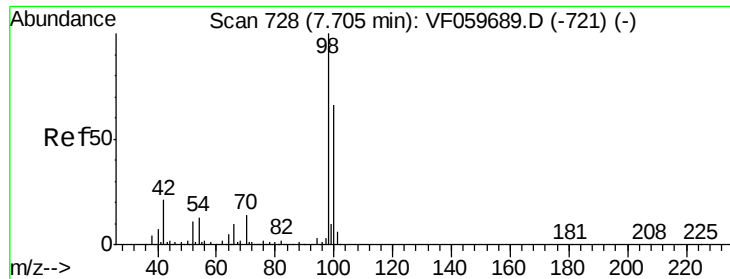


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

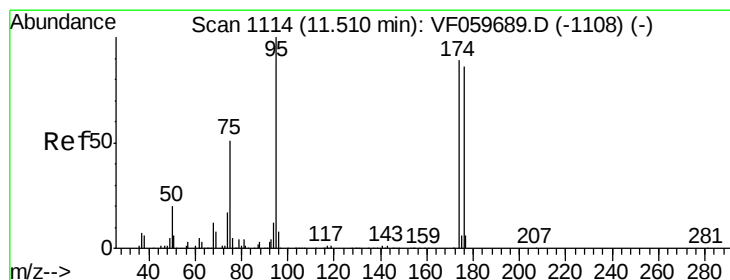
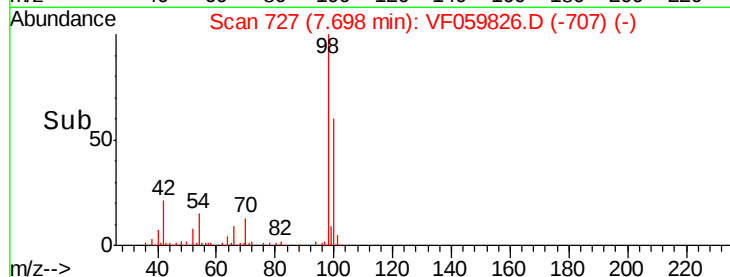
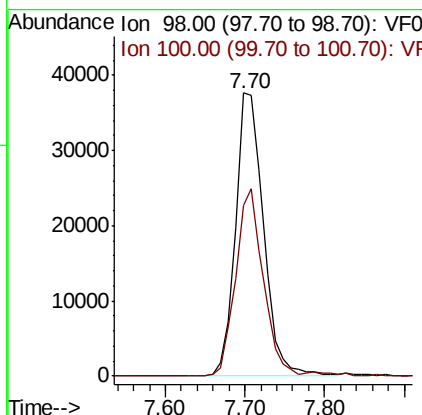
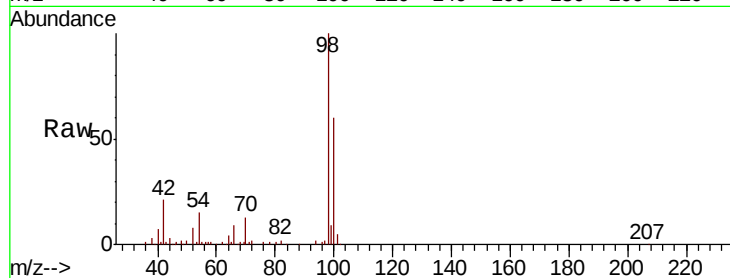




#50
Toluene-d8
Concen: 32.36 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059826.D
Acq: 3 Aug 2018 4:52

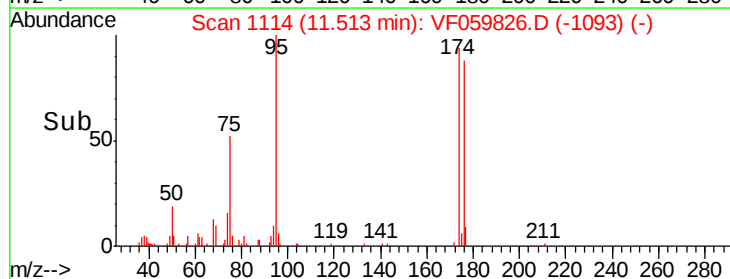
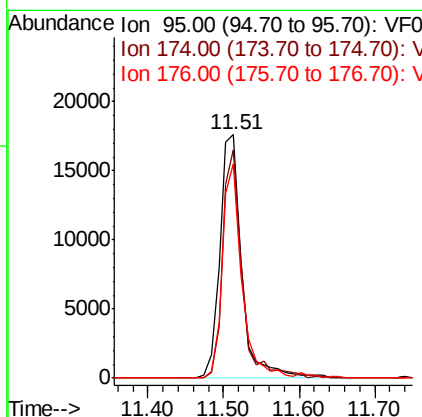
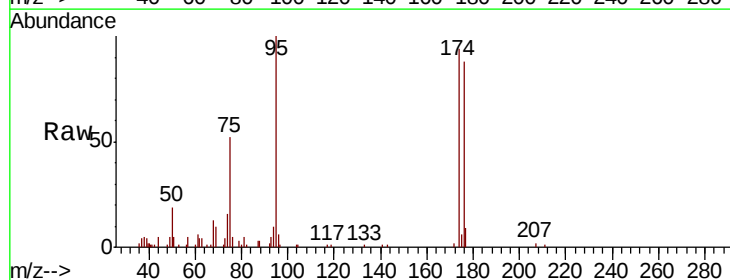
Instrument :
MSVOA_F
ClientSampleId :
NORTHLAWN-PRECHAR-AREA-3-B

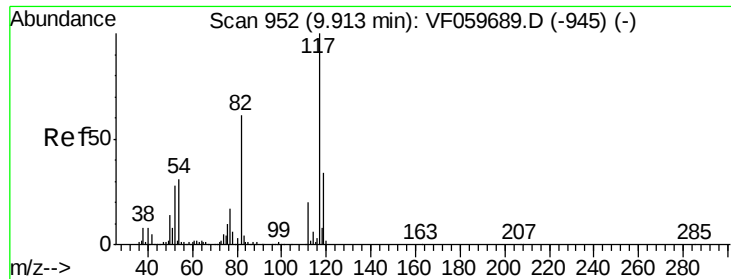
Tot Ion: 98 Resp: 92386
Ion Ratio Lower Upper
98 100
100 60.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 22.66 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059826.D
Acq: 3 Aug 2018 4:52

Tgt Ion: 95 Resp: 35813
Ion Ratio Lower Upper
95 100
174 93.8 0.0 178.4
176 87.8 0.0 173.0

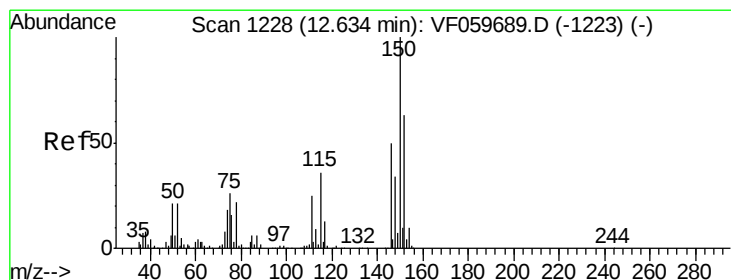
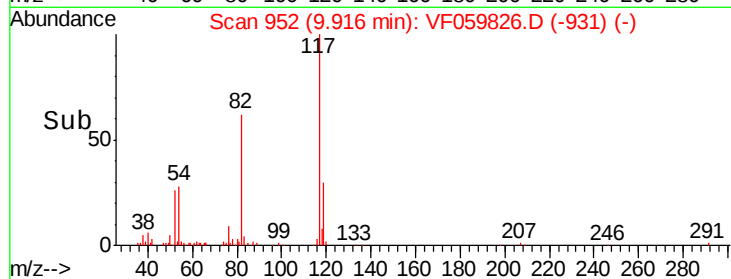
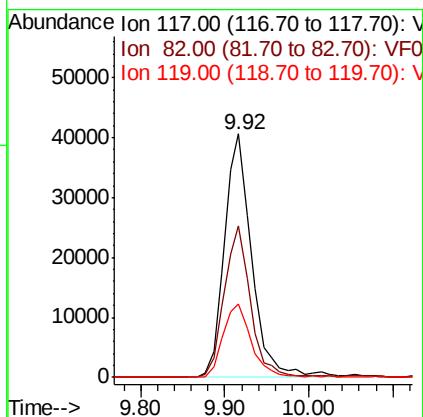
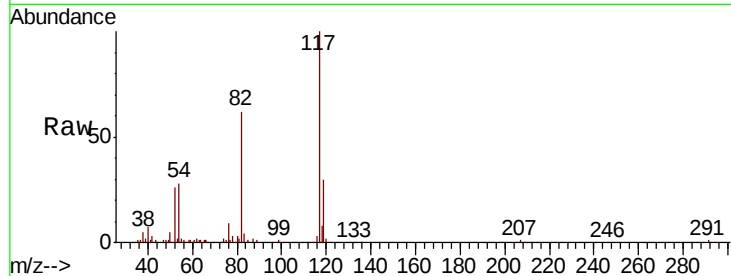




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059826.D
Acq: 3 Aug 2018 4:52

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.5	49.0	73.4
119	30.1	27.3	40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059826.D
Acq: 3 Aug 2018 4:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.3	28.2	84.6
150	154.5	0.0	316.2

