

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059790.D
 Acq On : 2 Aug 2018 9:47
 Operator : VA/AP
 Sample : J4231-07
 Misc : 5.10g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-4

Quant Time: Aug 02 11:39:42 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	5.05	168	82087	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	75307	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	44396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	16799	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	19744	13.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	26.76%	
35) Dibromofluoromethane	4.29	113	22663	28.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.94%	
50) Toluene-d8	7.71	98	74489	40.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.68%	
62) 4-Bromofluorobenzene	11.51	95	16206	16.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	32.10%	

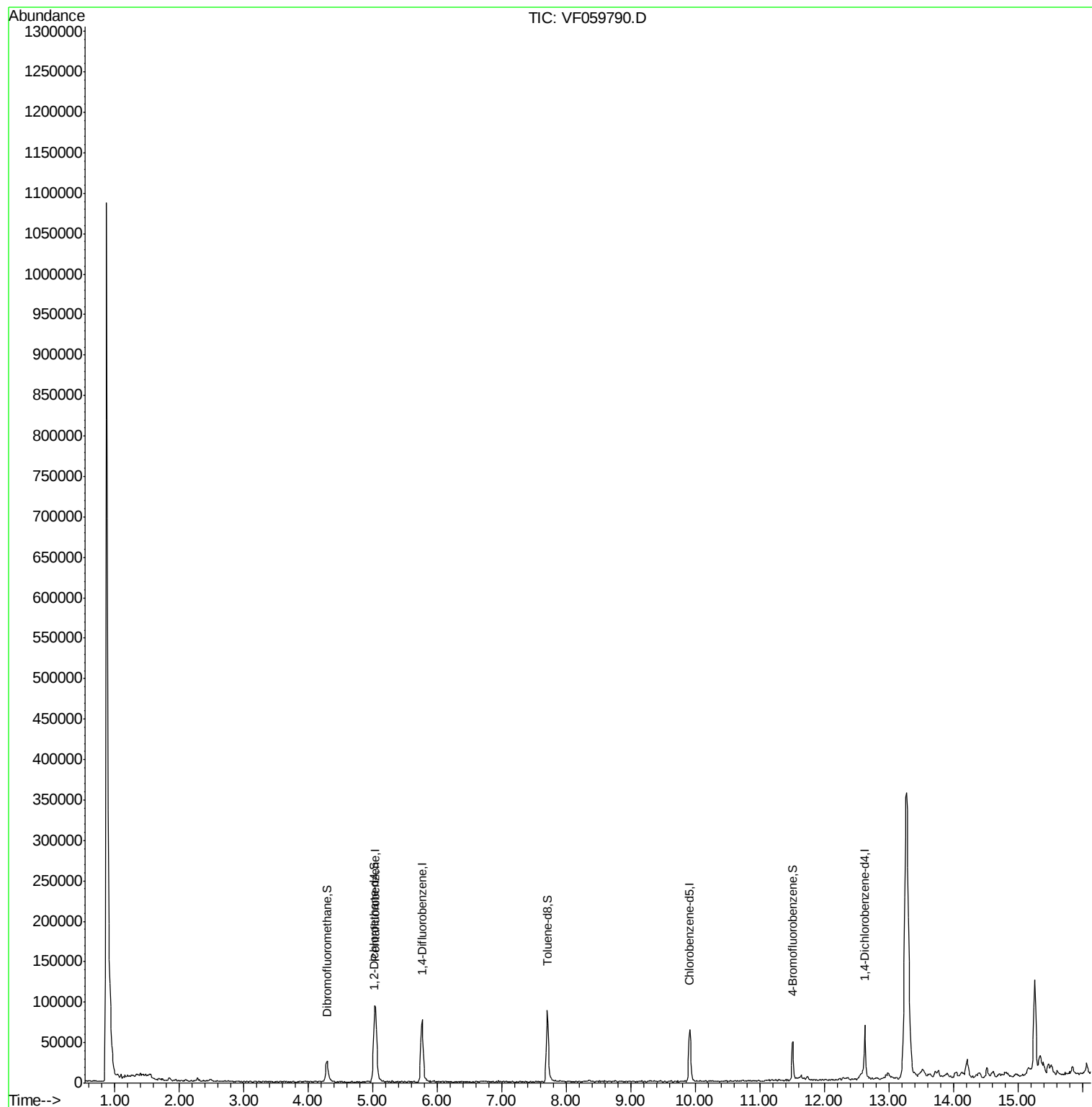
Target Compounds	Qvalue
------------------	--------

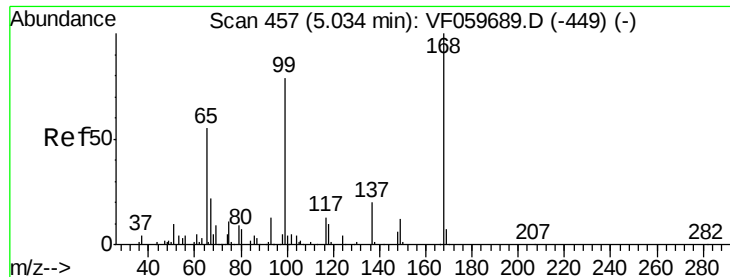
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
Data File : VF059790.D
Acq On : 2 Aug 2018 9:47
Operator : VA/AP
Sample : J4231-07
Misc : 5.10g/5mL/MSVOA F/SOIL
ALS Vial : 100 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Quant Time: Aug 02 11:39:42 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: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059790.D

Acq: 2 Aug 2018 9:47

Instrument :

MSVOA_F

ClientSampleId :

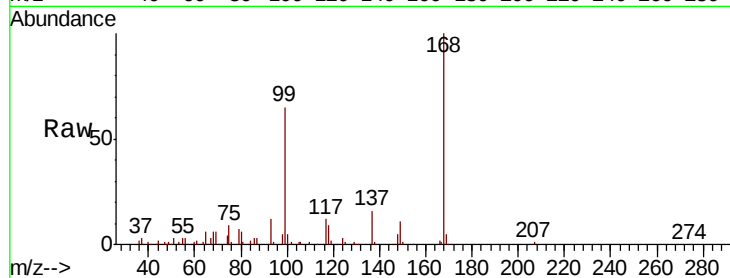
2018-NYSEG-CLARK-AREA-14-4

Tot Ion:168 Resp: 82087

Ion Ratio Lower Upper

168 100

99 64.6 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

30000

25000

20000

15000

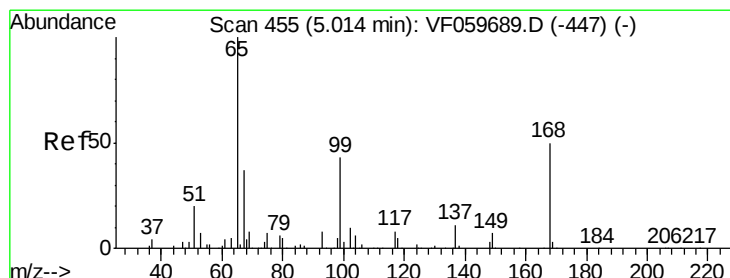
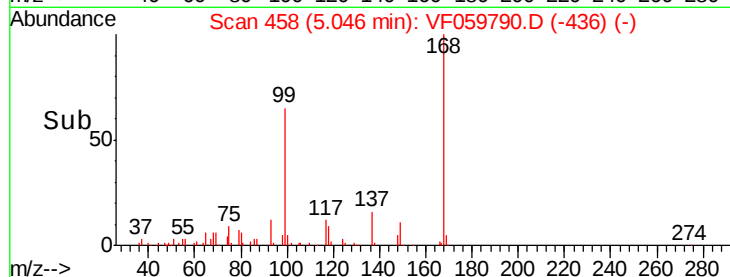
10000

5000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 13.38 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059790.D

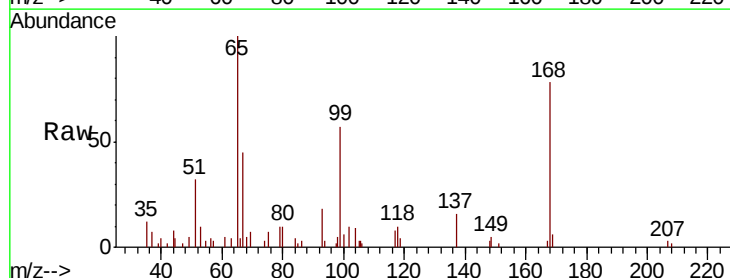
Acq: 2 Aug 2018 9:47

Tgt Ion: 65 Resp: 19744

Ion Ratio Lower Upper

65 100

67 45.1 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

6000

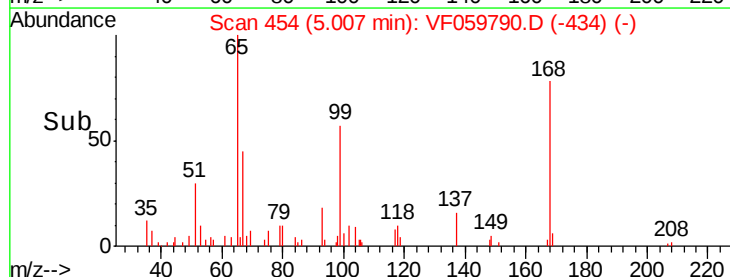
4000

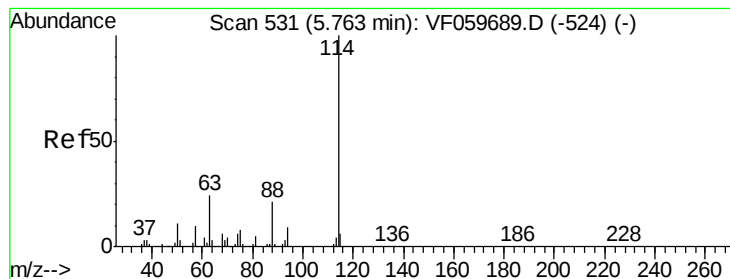
2000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059790.D

Acq: 2 Aug 2018 9:47

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-4

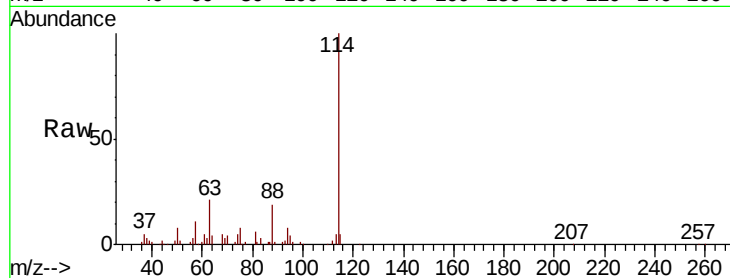
Tot Ion:114 Resp: 75307

Ion Ratio Lower Upper

114 100

63 21.4 0.0 47.4

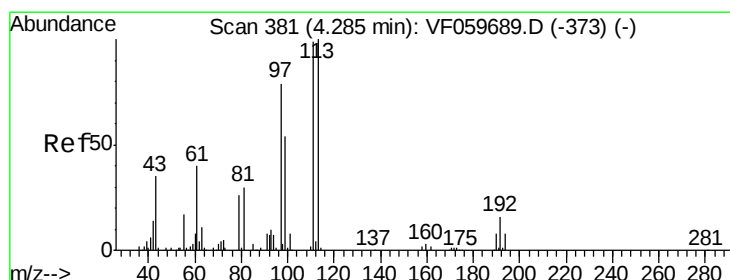
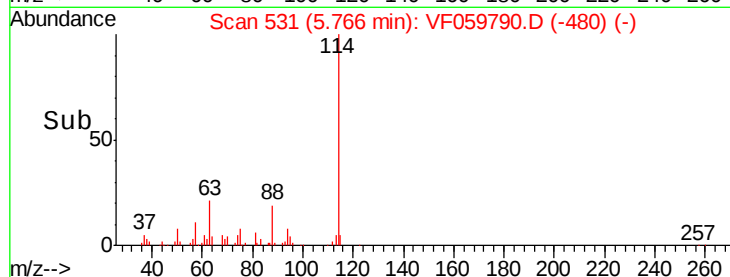
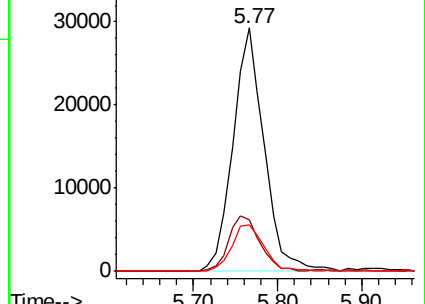
88 19.0 0.0 41.2



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: 28.97 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059790.D

Acq: 2 Aug 2018 9:47

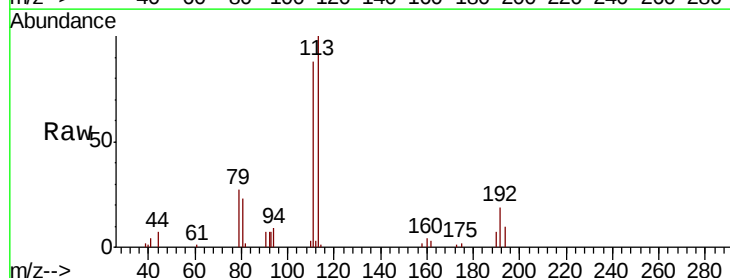
Tgt Ion:113 Resp: 22663

Ion Ratio Lower Upper

113 100

111 88.3 79.0 118.4

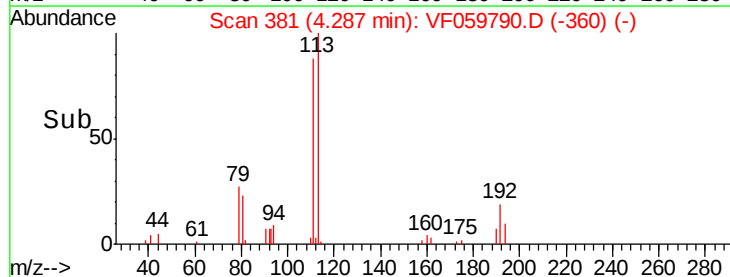
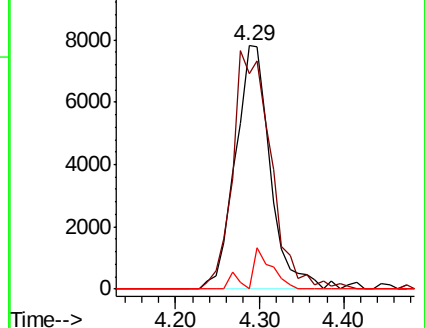
192 0.0 13.2 19.8#

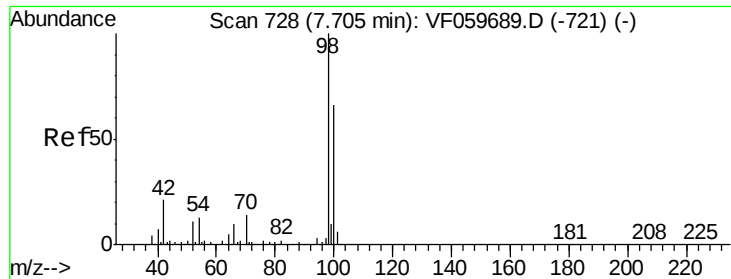


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 40.84 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059790.D

Acq: 2 Aug 2018 9:47

Instrument :

MSVOA_F

ClientSampleId :

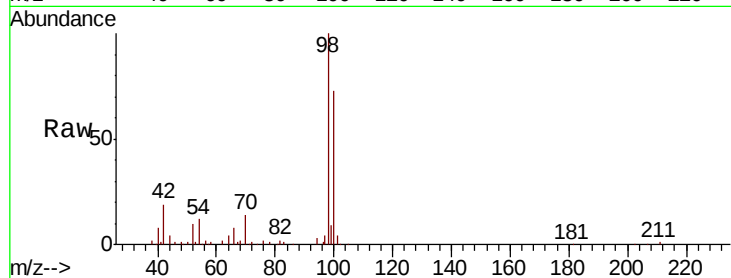
2018-NYSEG-CLARK-AREA-14-4

Tot Ion: 98 Resp: 74489

Ion Ratio Lower Upper

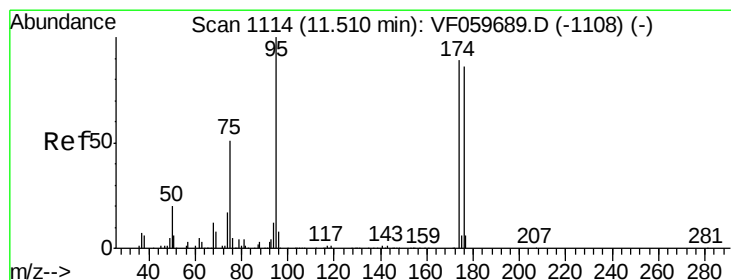
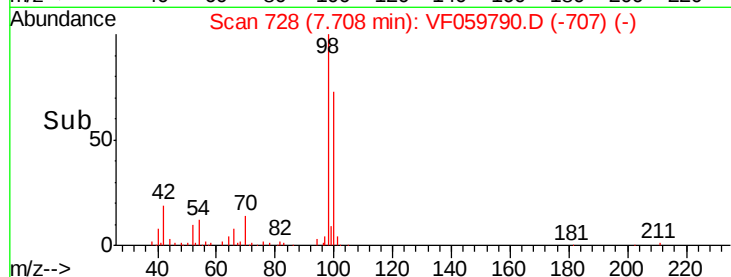
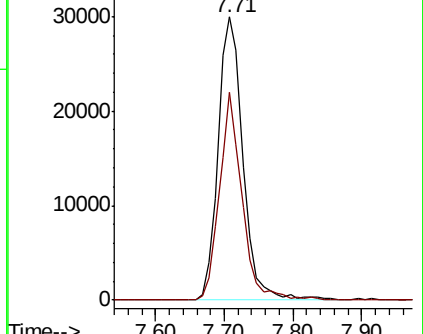
98 100

100 73.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 16.05 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059790.D

Acq: 2 Aug 2018 9:47

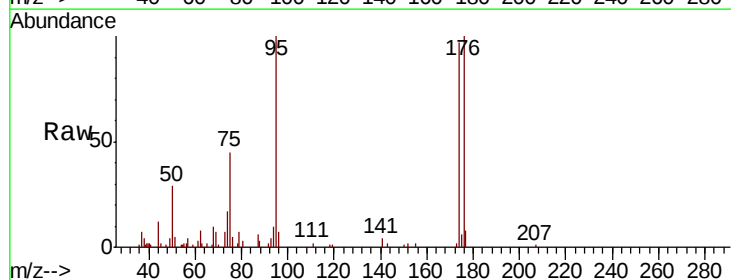
Tgt Ion: 95 Resp: 16206

Ion Ratio Lower Upper

95 100

174 96.8 0.0 178.4

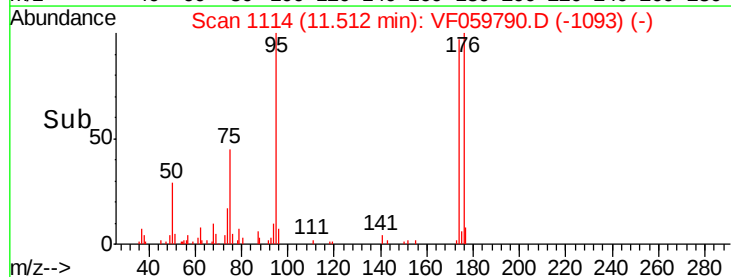
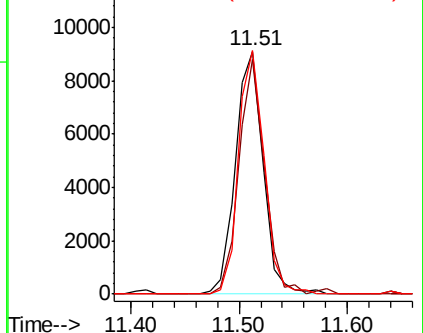
176 100.2 0.0 173.0

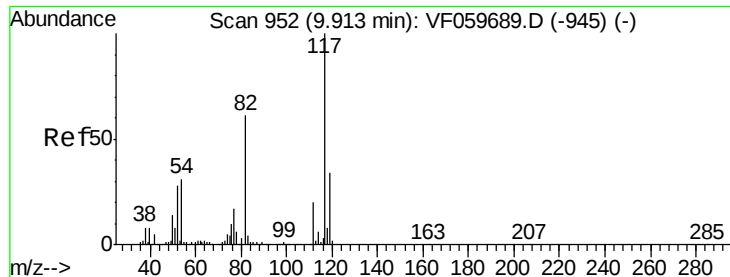


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

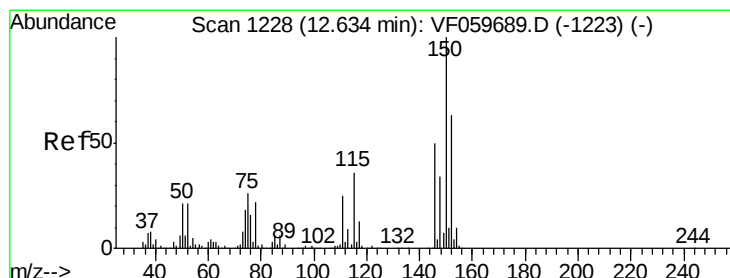
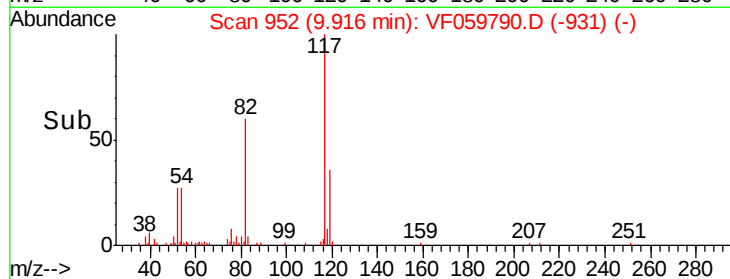
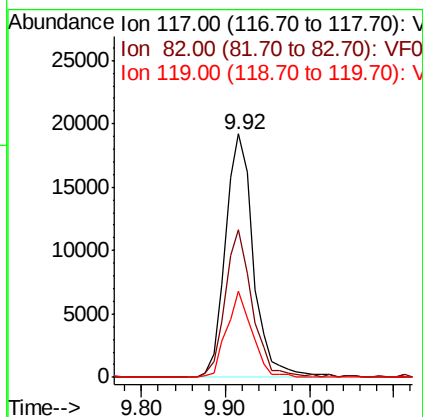
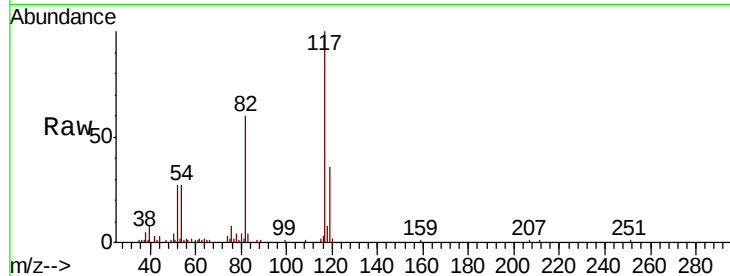




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059790.D
Acq: 2 Aug 2018 9:47

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-4

Tot Ion:117 Resp: 44396
Ion Ratio Lower Upper
117 100
82 60.4 49.0 73.4
119 35.6 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: VF059790.D
Acq: 2 Aug 2018 9:47

Tgt Ion:152 Resp: 16799
Ion Ratio Lower Upper
152 100
115 63.3 28.2 84.6
150 150.3 0.0 316.2

