

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059766.D
 Acq On : 1 Aug 2018 20:12
 Operator : VA/AP
 Sample : J4231-17
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-9

Quant Time: Aug 02 06:59:52 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	5.03	168	260197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	372771	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	337868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	196408	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	173121	37.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.04%	
35) Dibromofluoromethane	4.29	113	152212	39.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.62%	
50) Toluene-d8	7.71	98	316205	35.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.04%	
62) 4-Bromofluorobenzene	11.51	95	158093	31.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.26%	

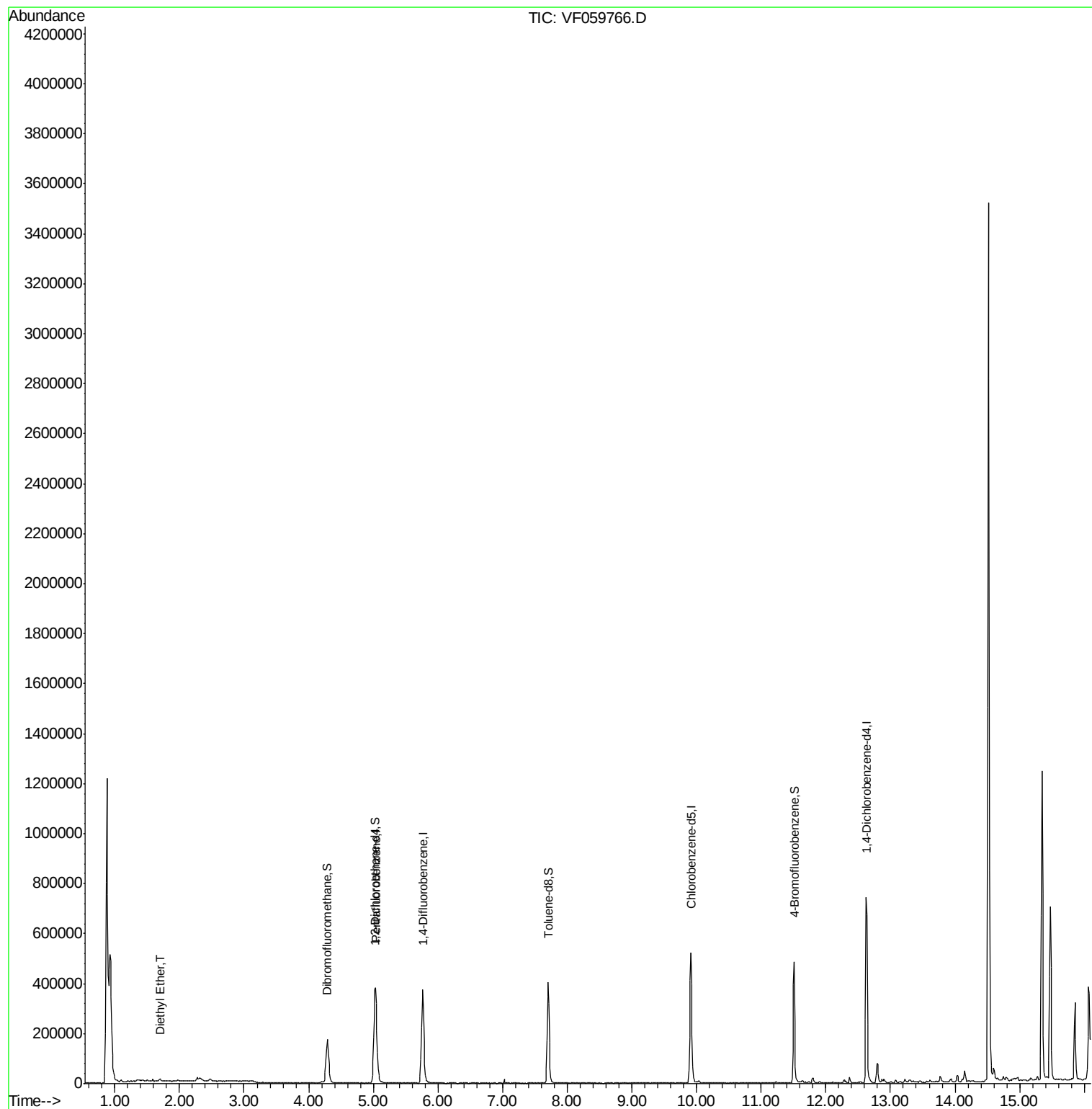
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	1.70	74	2551	3.07	ug/l	100

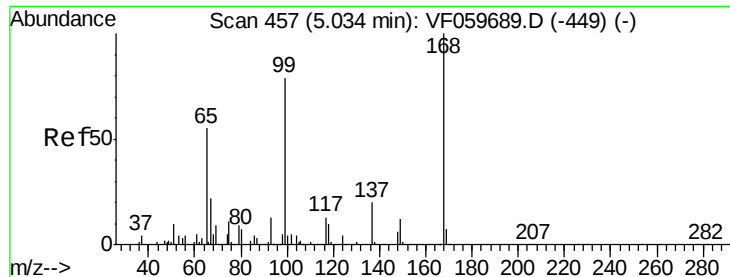
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.03 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF059766.D

Acq: 1 Aug 2018 20:12

Instrument :

MSVOA_F

ClientSampleId :

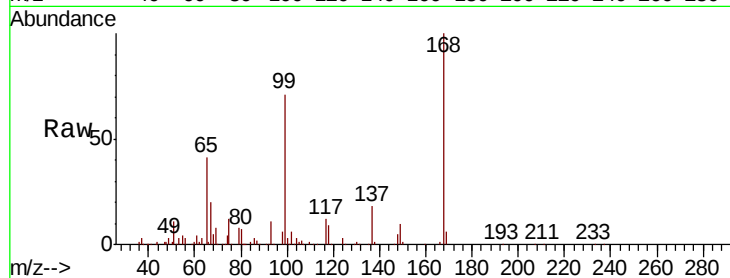
2018-NYSEG-CLARK-AREA-14-9

Tot Ion:168 Resp: 260197

Ion Ratio Lower Upper

168 100

99 71.1 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

80000

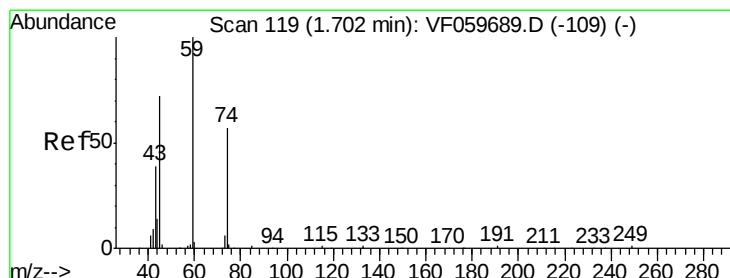
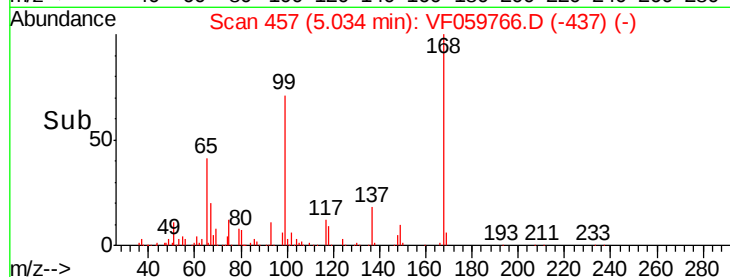
60000

40000

20000

0

Time-->



#8

Diethyl Ether

Concen: 3.07 ug/l

RT: 1.70 min Scan# 119

Delta R.T. 0.00 min

Lab File: VF059766.D

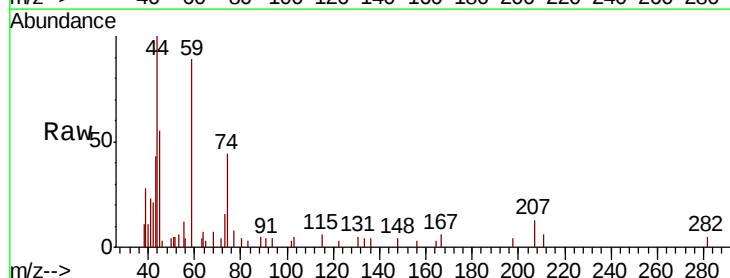
Acq: 1 Aug 2018 20:12

Tgt Ion: 74 Resp: 2551

Ion Ratio Lower Upper

74 100

45 125.0 62.7 188.2



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

1.70

2000

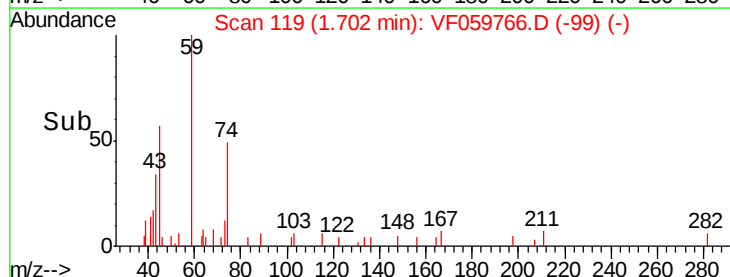
1500

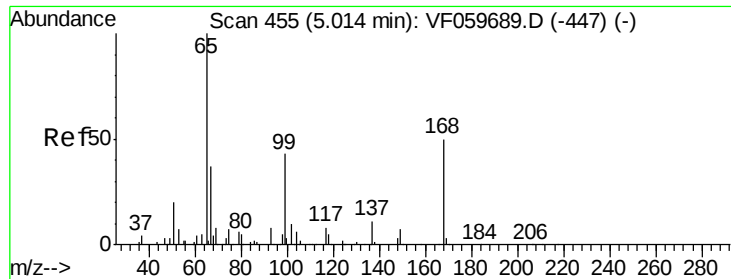
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 37.02 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059766.D

Acq: 1 Aug 2018 20:12

Instrument :

MSVOA_F

ClientSampleId :

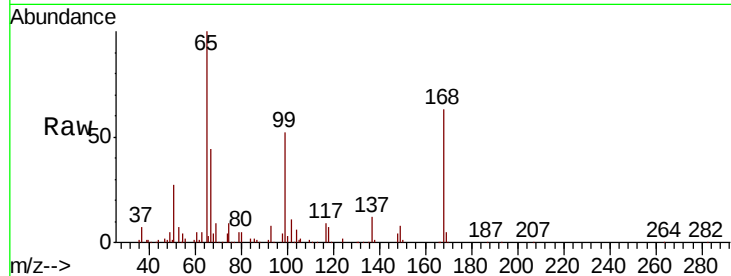
2018-NYSEG-CLARK-AREA-14-9

Tot Ion: 65 Resp: 173121

Ion Ratio Lower Upper

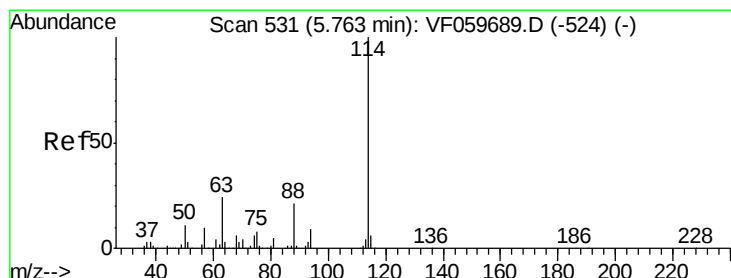
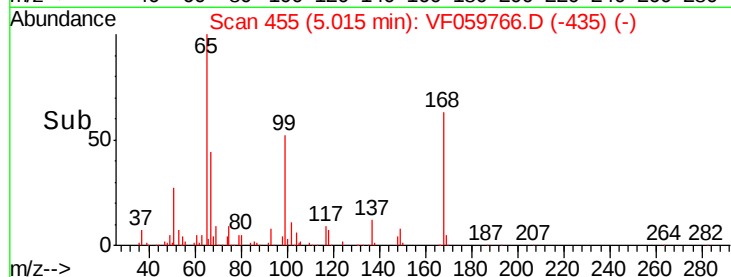
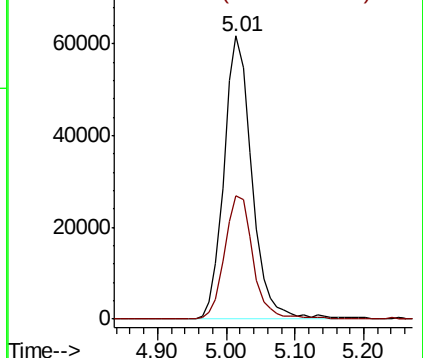
65 100

67 43.7 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059766.D

Acq: 1 Aug 2018 20:12

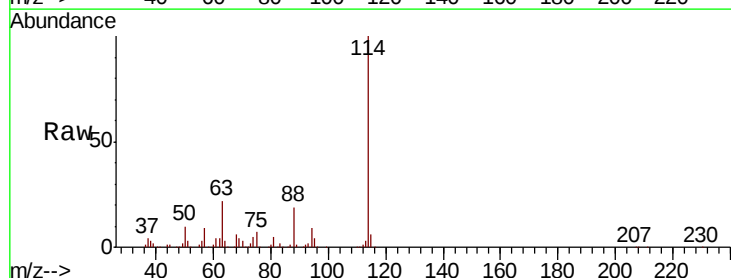
Tgt Ion: 114 Resp: 372771

Ion Ratio Lower Upper

114 100

63 21.7 0.0 47.4

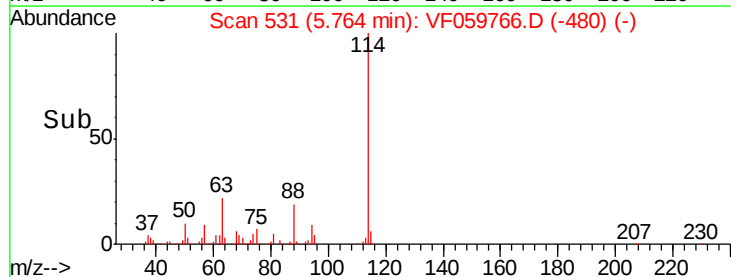
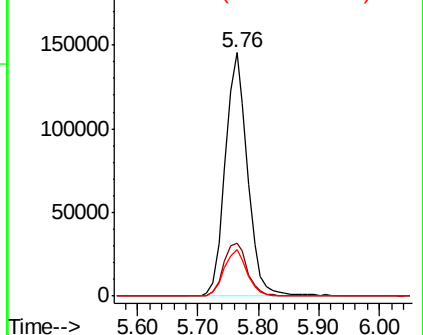
88 19.0 0.0 41.2

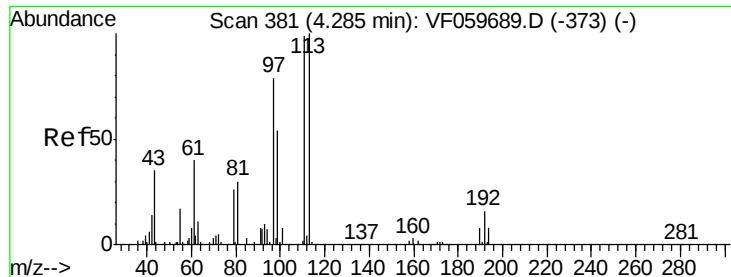


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

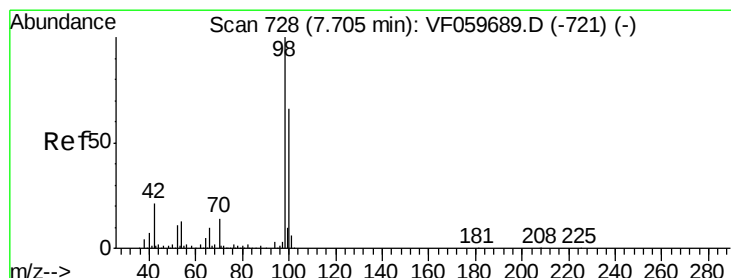
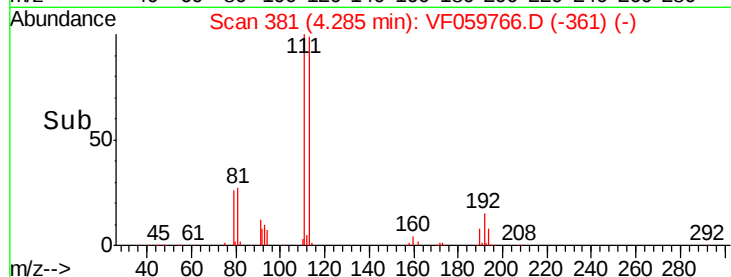
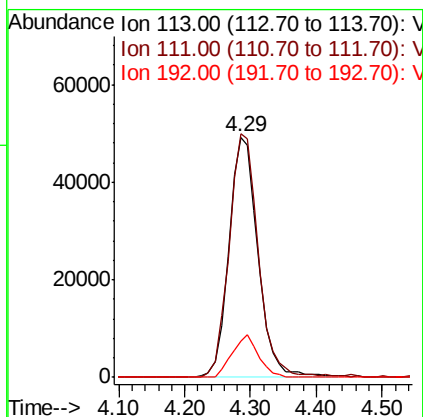
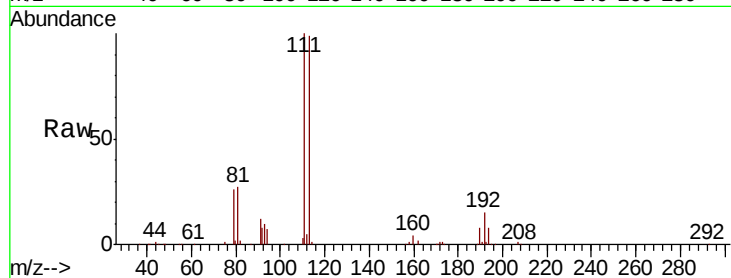




#35
 Dibromofluoromethane
 Concen: 39.31 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VF059766.D
 Acq: 1 Aug 2018 20:12

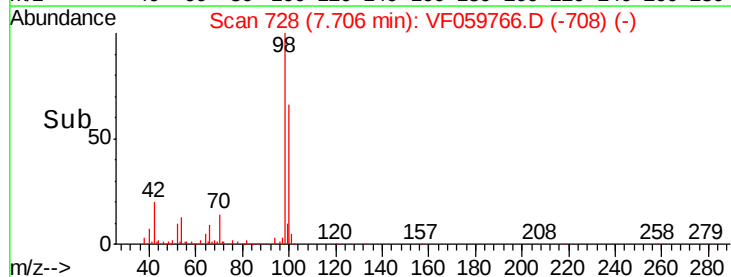
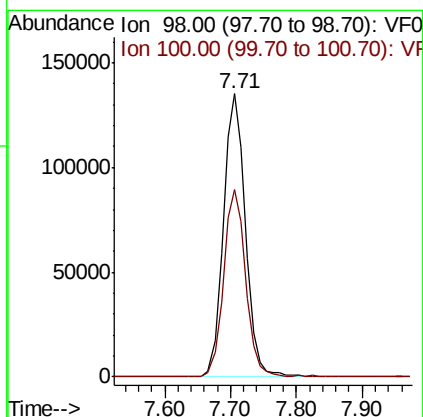
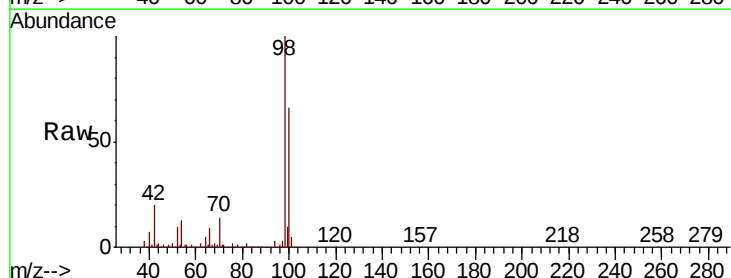
Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-9

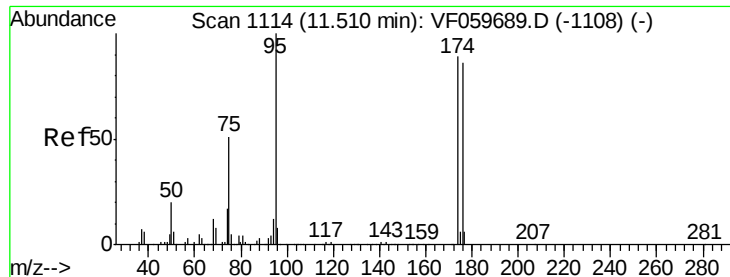
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	79.0	118.4
192	15.3	13.2	19.8



#50
 Toluene-d8
 Concen: 35.02 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VF059766.D
 Acq: 1 Aug 2018 20:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.8	79.2





#62

4-Bromofluorobenzene

Concen: 31.63 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059766.D

Acq: 1 Aug 2018 20:12

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-9

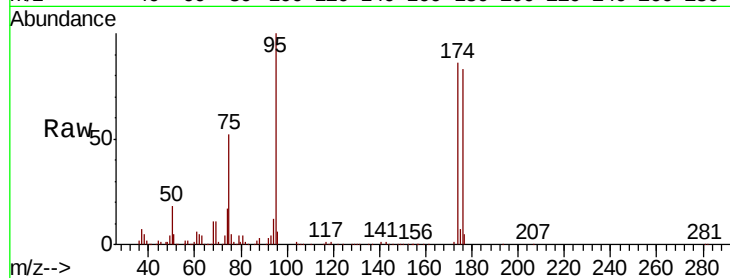
Tot Ion: 95 Resp: 158093

Ion Ratio Lower Upper

95 100

174 85.8 0.0 178.4

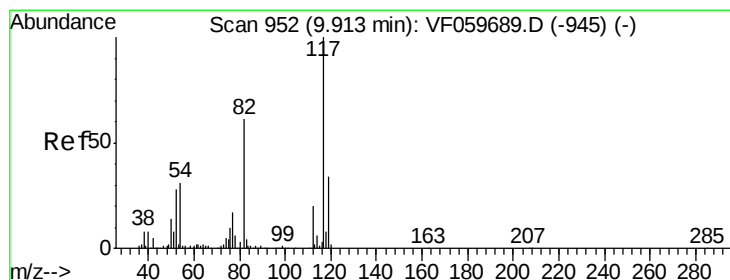
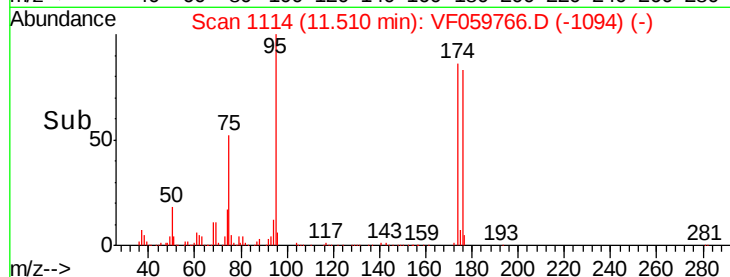
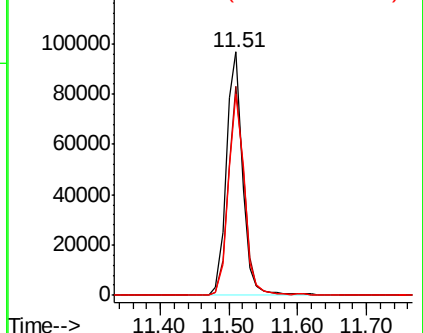
176 82.9 0.0 173.0



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: 9.91 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF059766.D

Acq: 1 Aug 2018 20:12

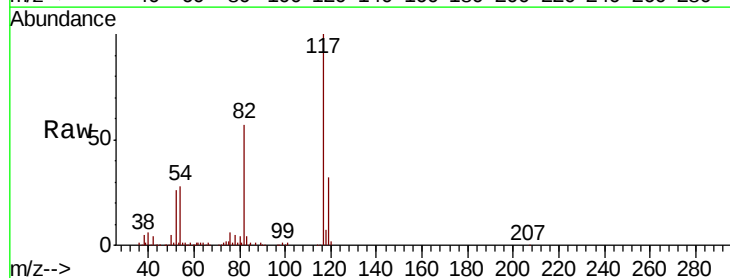
Tgt Ion: 117 Resp: 337868

Ion Ratio Lower Upper

117 100

82 57.5 49.0 73.4

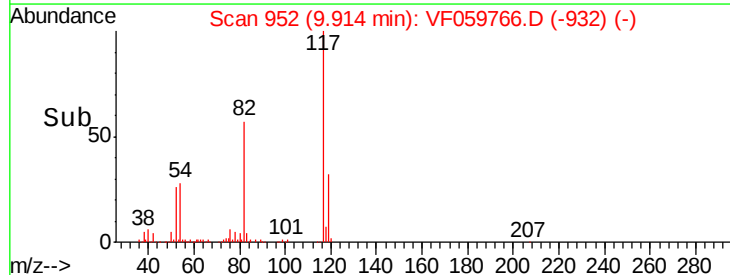
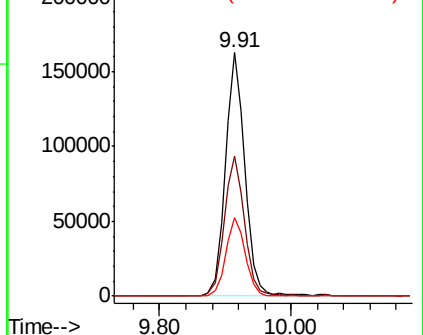
119 32.2 27.3 40.9

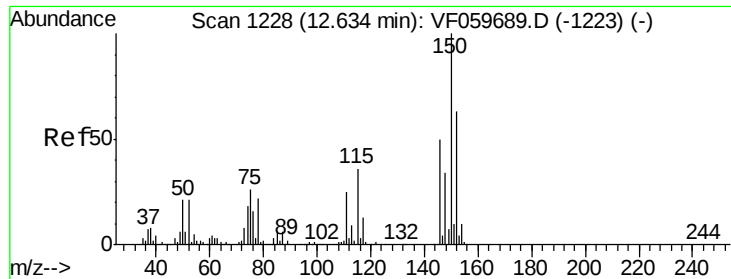


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059766.D

Acq: 1 Aug 2018 20:12

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-9

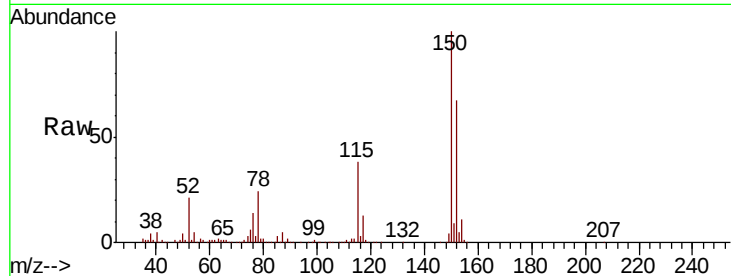
Tot Ion:152 Resp: 196408

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.6

150 150.2 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

