

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059757.D
 Acq On : 1 Aug 2018 16:06
 Operator : VA/AP
 Sample : J4231-01
 Misc : 5.04g/5mL/MSVOA F/SOIL
 ALS Vial : 89 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-1

Quant Time: Aug 02 06:33:03 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	128614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	179300	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	174199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	101960	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	104807	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
35) Dibromofluoromethane	4.29	113	84040	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
50) Toluene-d8	7.71	98	156538	36.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.10%	
62) 4-Bromofluorobenzene	11.51	95	76383	31.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.54%	

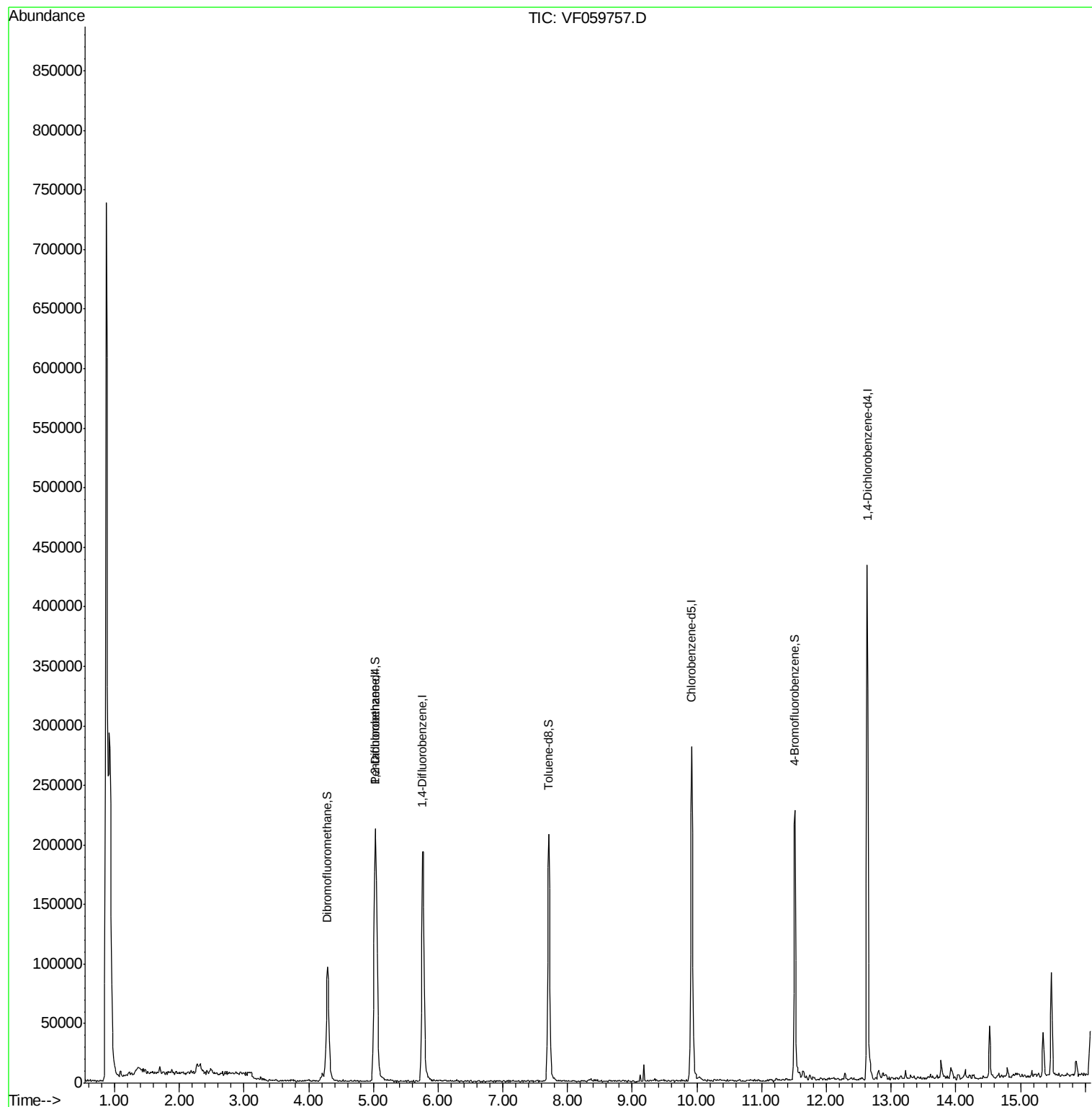
Target Compounds	Qvalue
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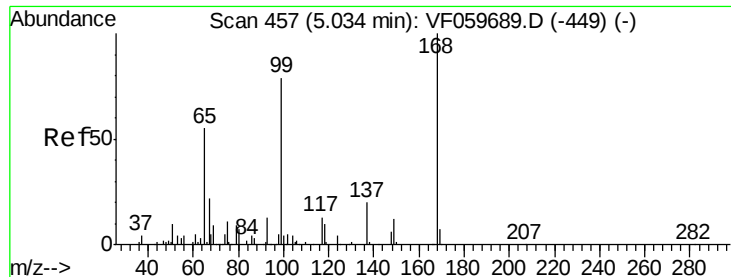
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
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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: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

Instrument :

MSVOA_F

ClientSampleId :

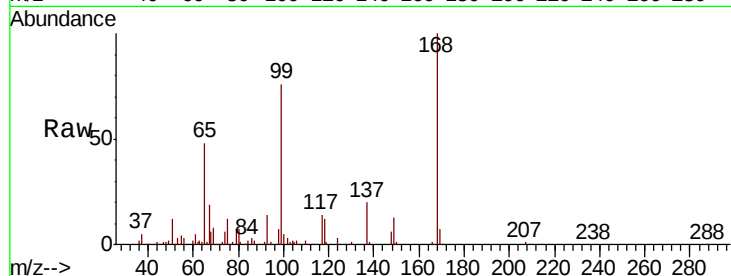
2018-NYSEG-CLARK-AREA-14-1

Tot Ion:168 Resp: 128614

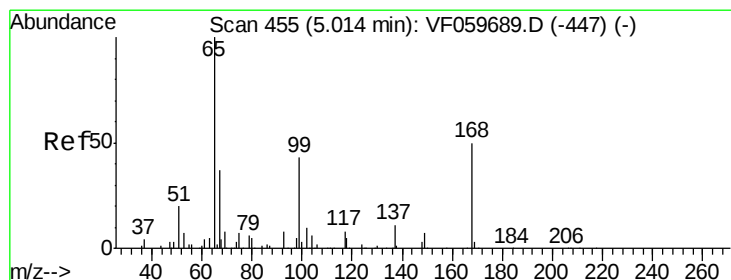
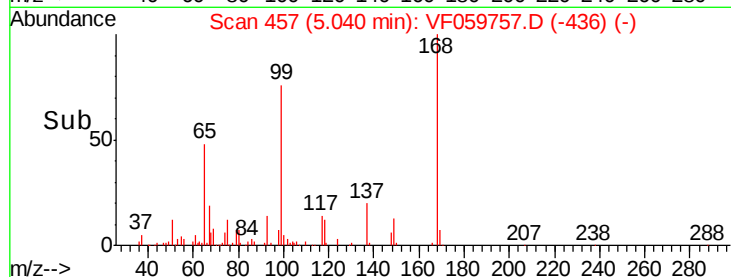
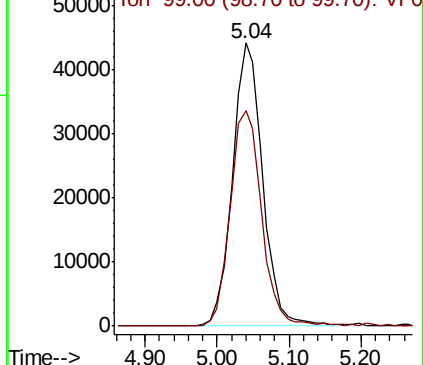
Ion Ratio Lower Upper

168 100

99 76.1 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 45.34 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059757.D

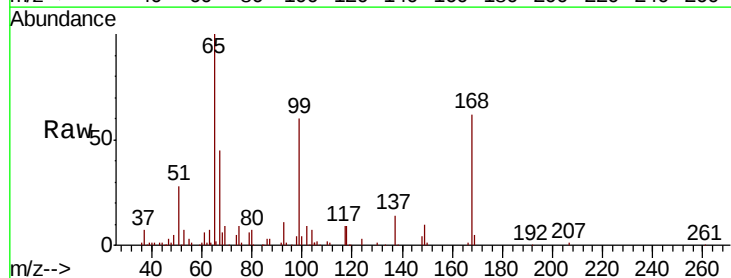
Acq: 1 Aug 2018 16:06

Tgt Ion: 65 Resp: 104807

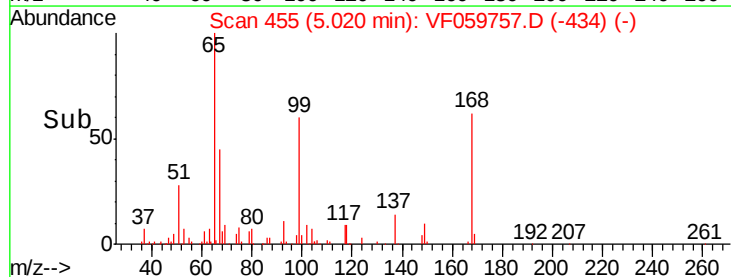
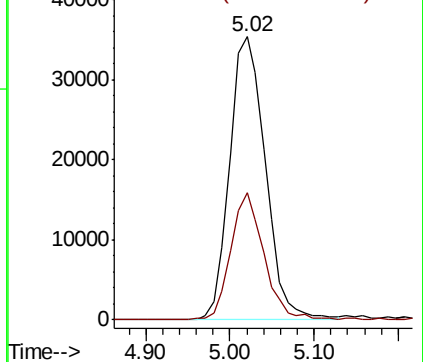
Ion Ratio Lower Upper

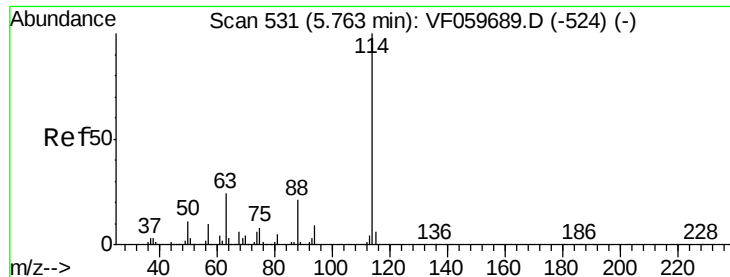
65 100

67 45.2 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-1

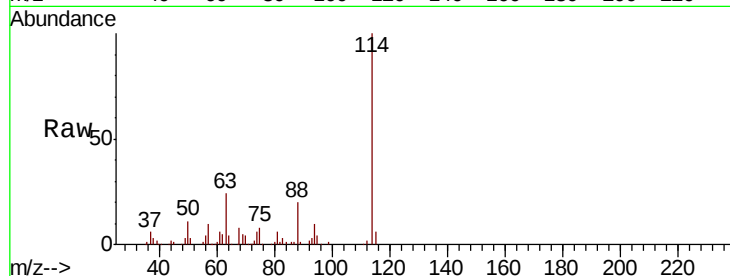
Tot Ion:114 Resp: 179300

Ion Ratio Lower Upper

114 100

63 23.7 0.0 47.4

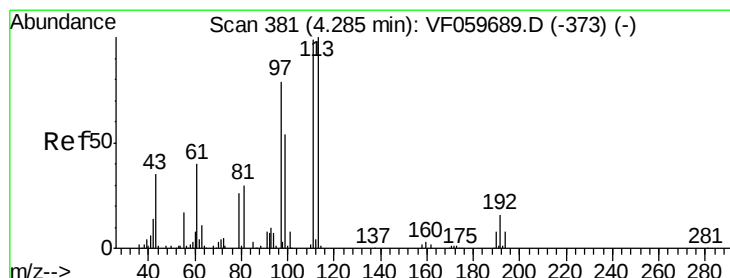
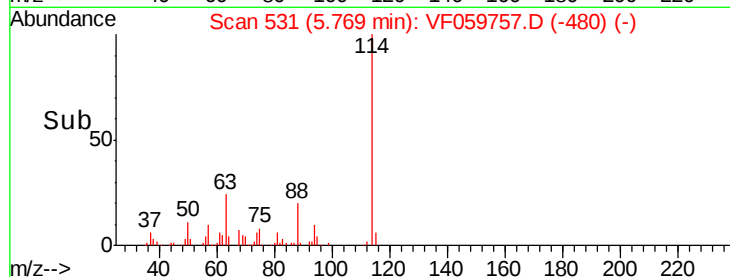
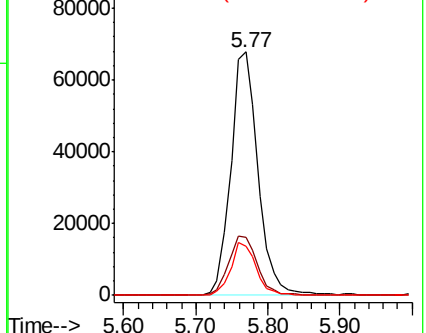
88 20.3 0.0 41.2



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: 45.13 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059757.D

Acq: 1 Aug 2018 16:06

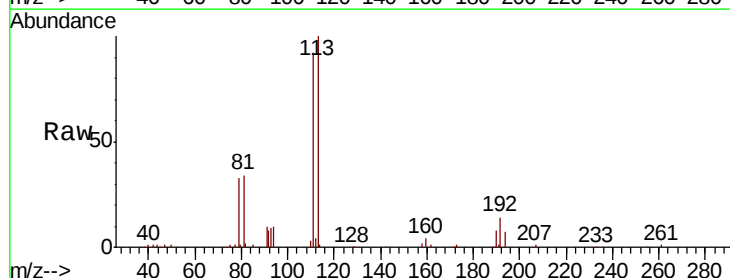
Tgt Ion:113 Resp: 84040

Ion Ratio Lower Upper

113 100

111 92.3 79.0 118.4

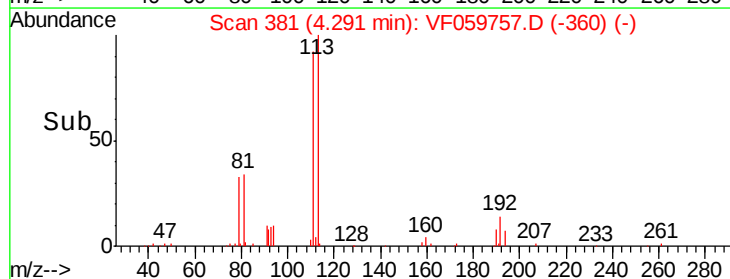
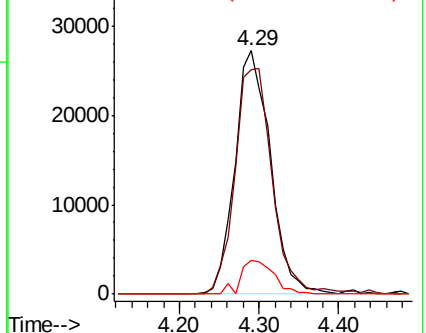
192 14.1 13.2 19.8

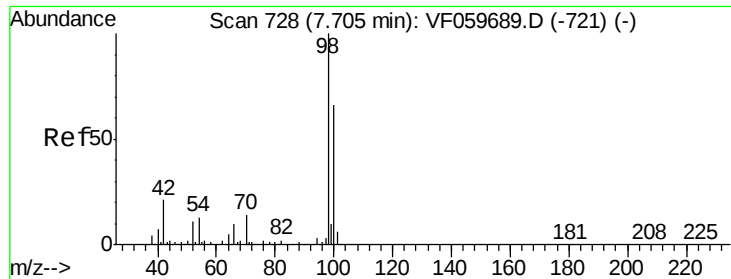


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

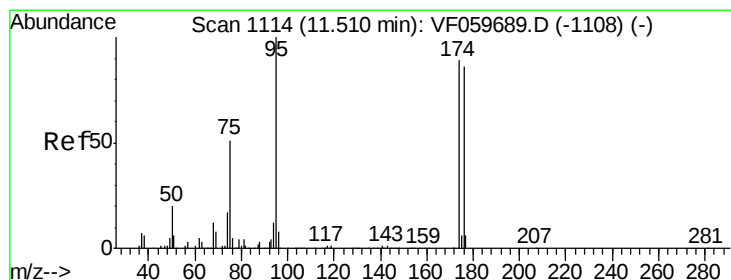
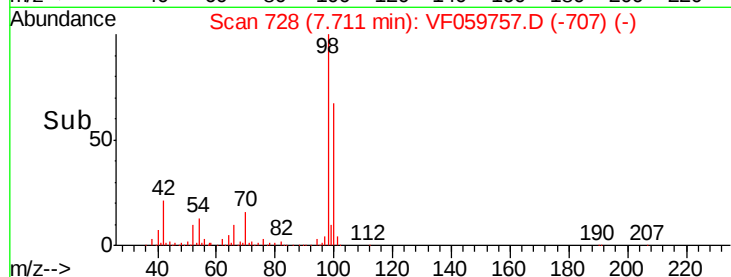
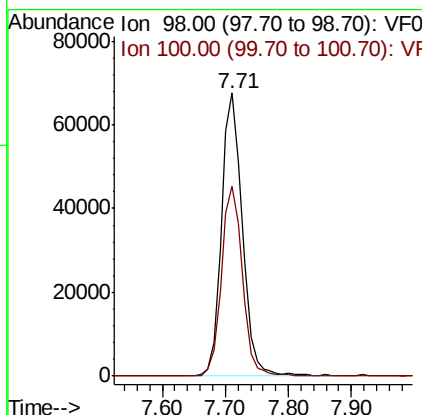
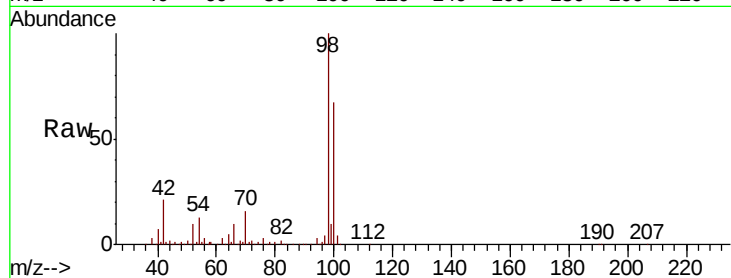




#50
Toluene-d8
Concen: 36.05 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

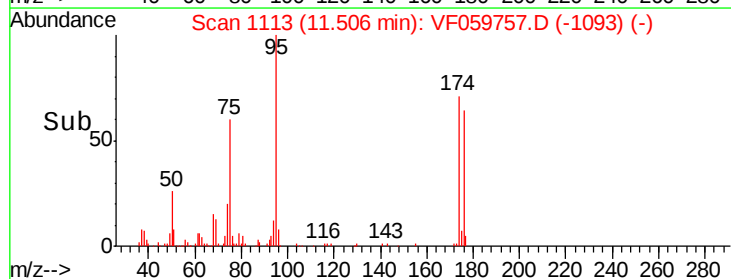
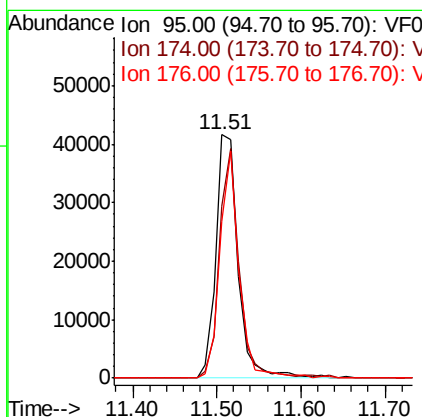
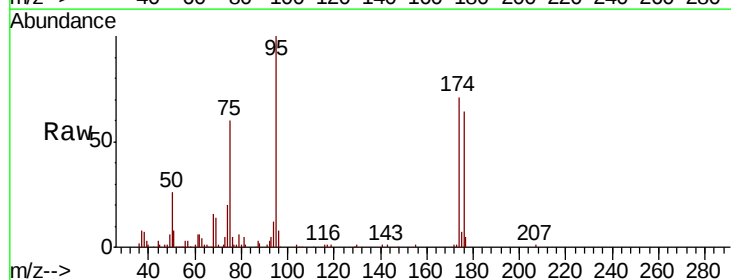
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-1

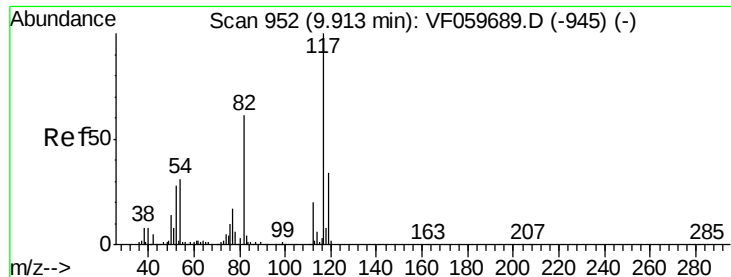
Tot Ion: 98 Resp: 156538
Ion Ratio Lower Upper
98 100
100 67.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 31.77 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

Tgt Ion: 95 Resp: 76383
Ion Ratio Lower Upper
95 100
174 70.6 0.0 178.4
176 64.1 0.0 173.0

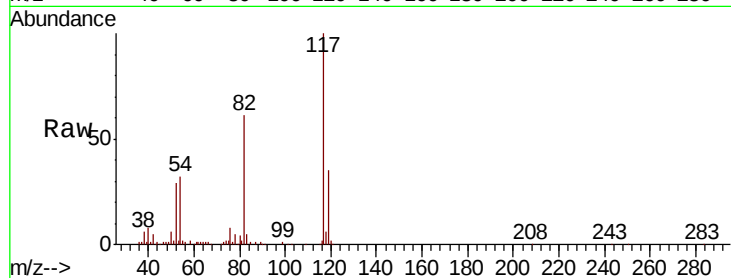




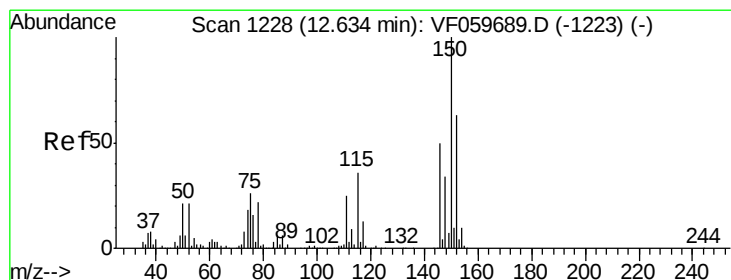
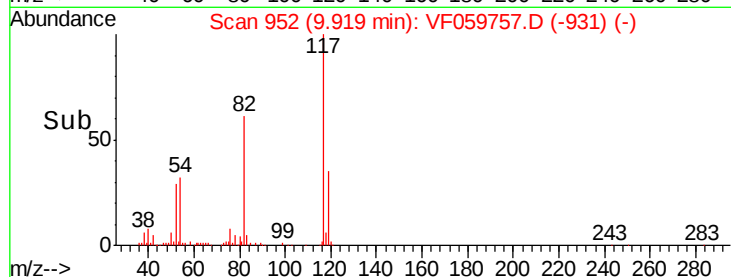
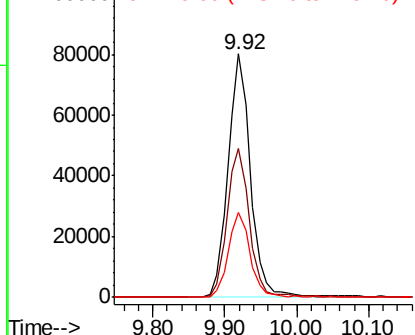
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	49.0	73.4
119	34.6	27.3	40.9

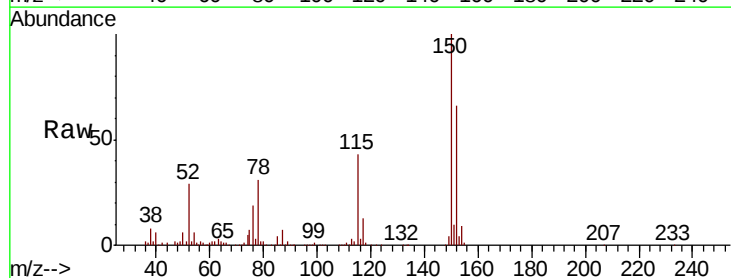


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059757.D
Acq: 1 Aug 2018 16:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	28.2	84.6
150	151.9	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

