

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059788.D
 Acq On : 2 Aug 2018 8:52
 Operator : VA/AP
 Sample : J4231-03RE
 Misc : 5.03g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-2RE

Quant Time: Aug 02 14:22:58 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

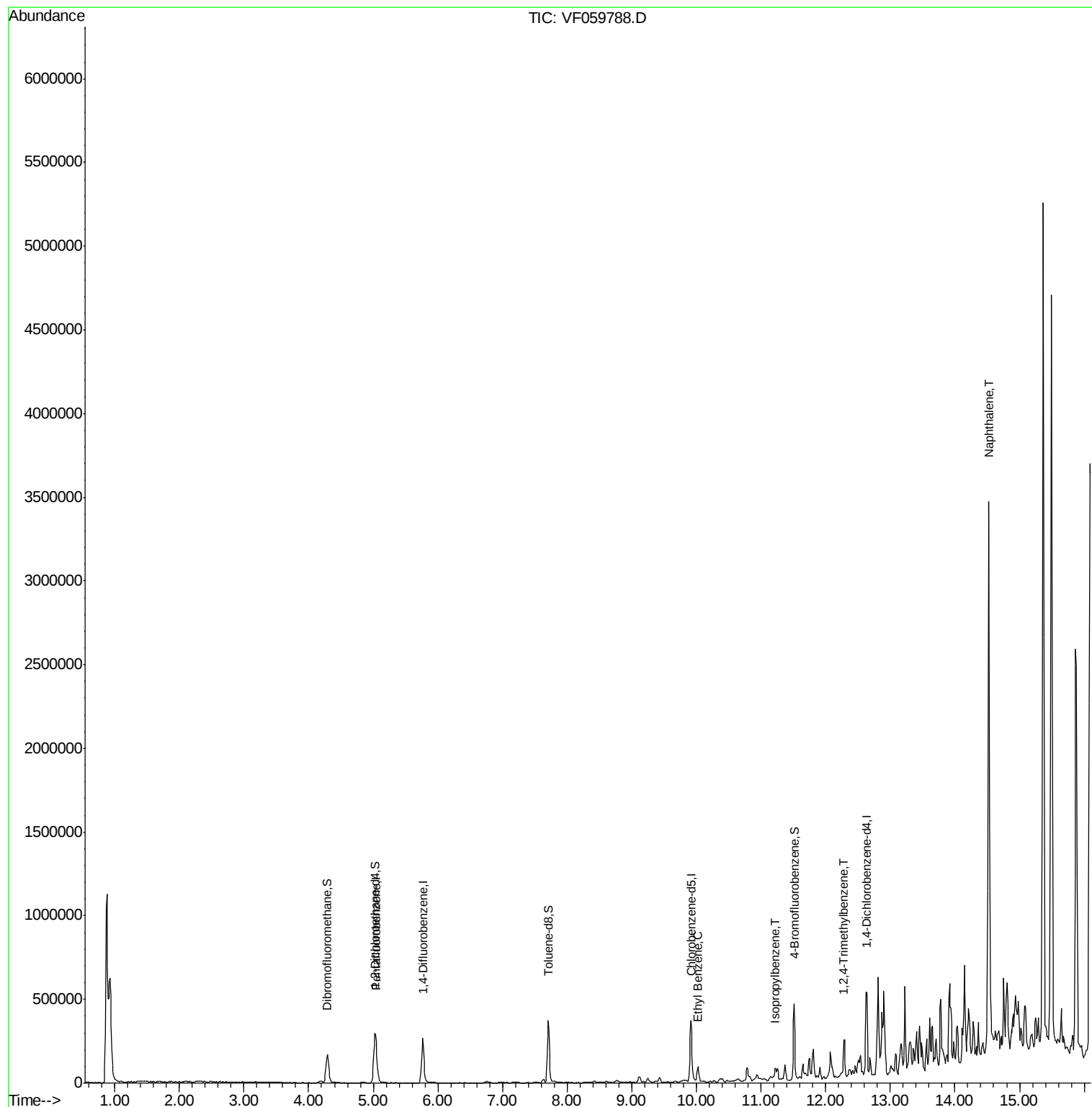
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	166712	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	241407	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	221986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	132926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	187779	62.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.34%	
35) Dibromofluoromethane	4.29	113	148746	59.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.64%	
50) Toluene-d8	7.71	98	285770	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.51	95	148620	45.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.82%	
Target Compounds						
67) Ethyl Benzene	10.03	91	8270	1.08	ug/l	99
73) Isopropylbenzene	11.23	105	20535	2.35	ug/l	86
84) 1,2,4-Trimethylbenzene	12.29	105	63363	4.94	ug/l	97
95) Naphthalene	14.53	128	2441197	425.96	ug/l #	96

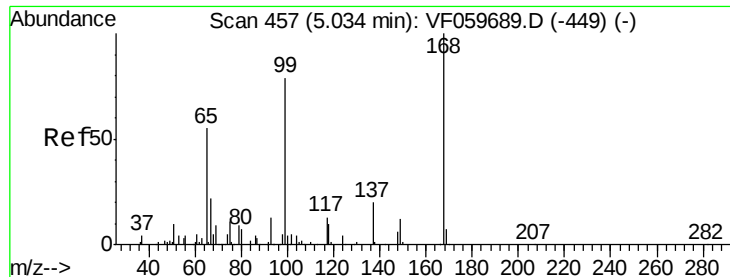
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059788.D

Acq: 2 Aug 2018 8:52

Instrument :

MSVOA_F

ClientSampleId :

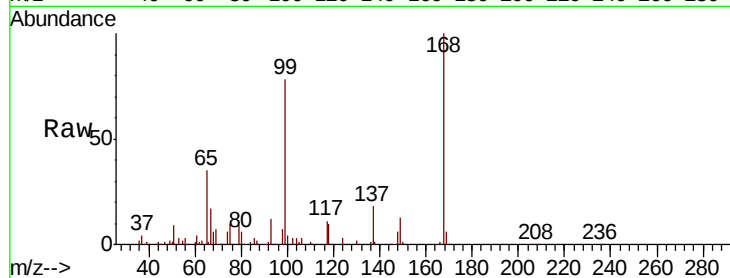
2018-NYSEG-CLARK-AREA-14-2RE

Tot Ion:168 Resp: 166712

Ion Ratio Lower Upper

168 100

99 78.1 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.05

60000

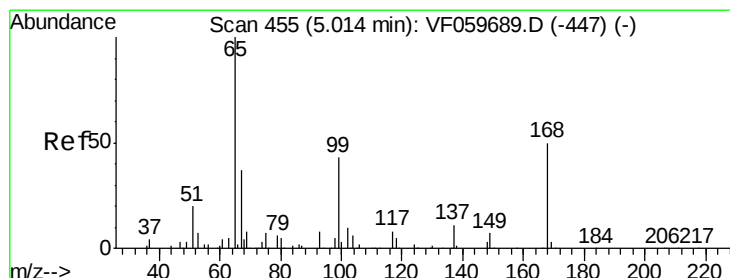
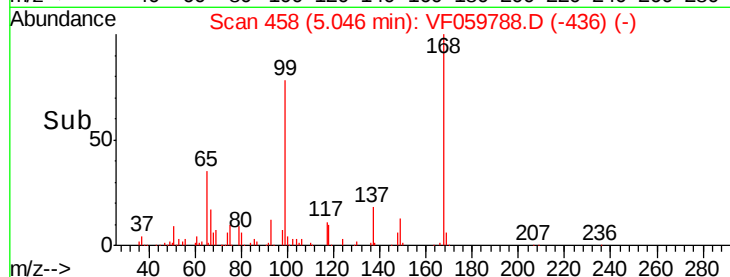
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 62.67 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059788.D

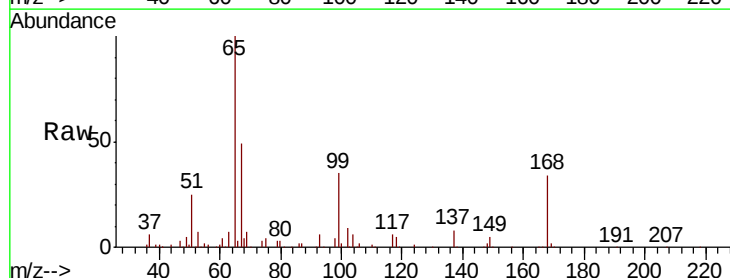
Acq: 2 Aug 2018 8:52

Tgt Ion: 65 Resp: 187779

Ion Ratio Lower Upper

65 100

67 49.3 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

60000

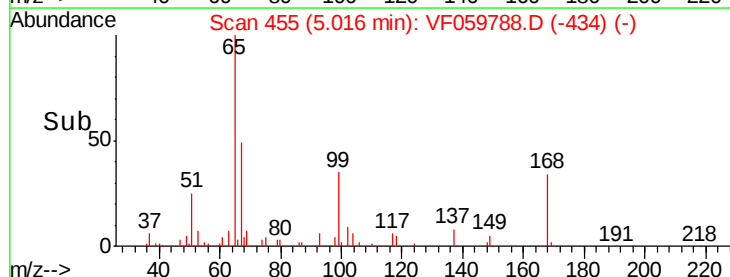
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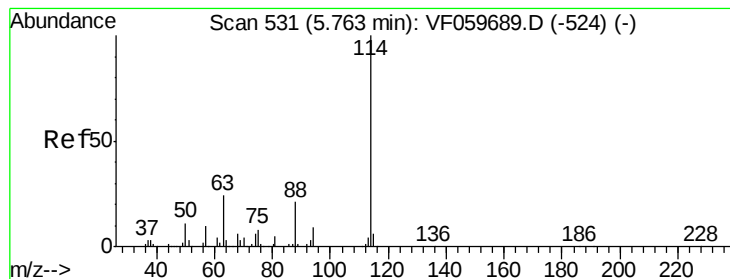
20000

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: VF059788.D

Acq: 2 Aug 2018 8:52

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-2RE

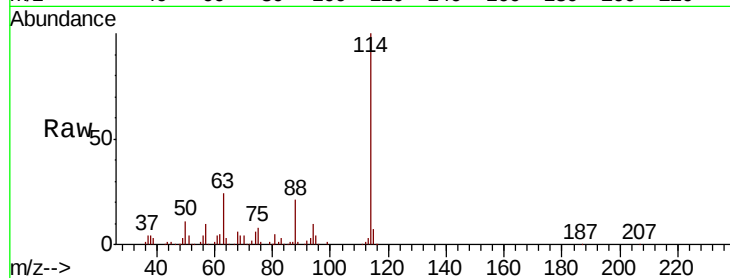
Tot Ion:114 Resp: 241407

Ion Ratio Lower Upper

114 100

63 23.6 0.0 47.4

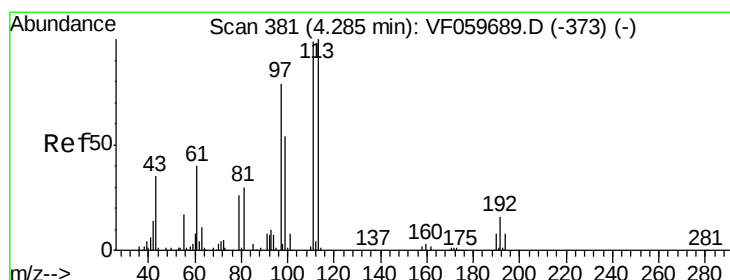
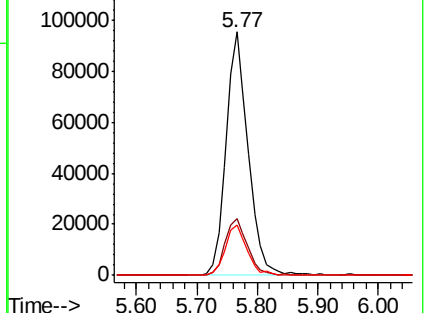
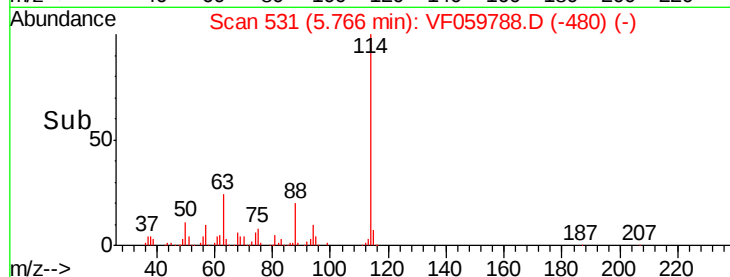
88 20.6 0.0 41.2



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: 59.32 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059788.D

Acq: 2 Aug 2018 8:52

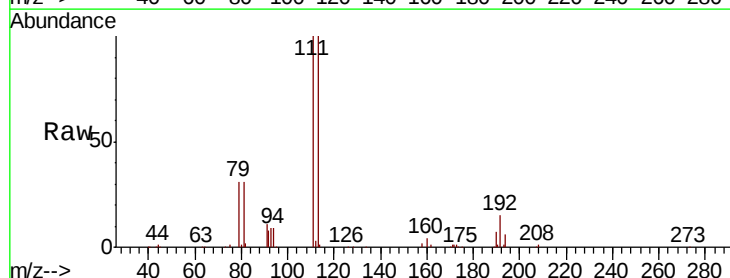
Tgt Ion:113 Resp: 148746

Ion Ratio Lower Upper

113 100

111 99.9 79.0 118.4

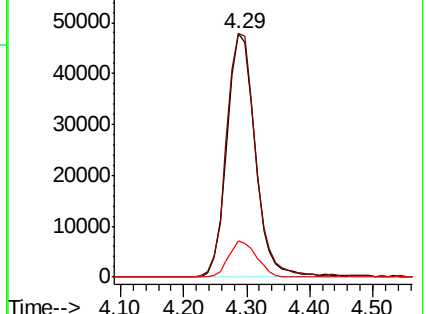
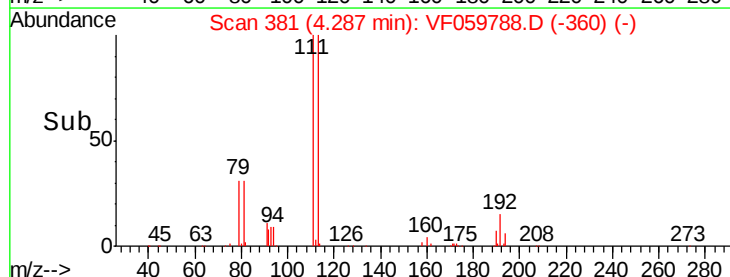
192 15.1 13.2 19.8

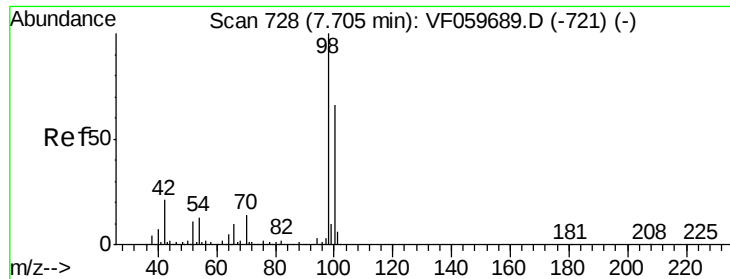


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

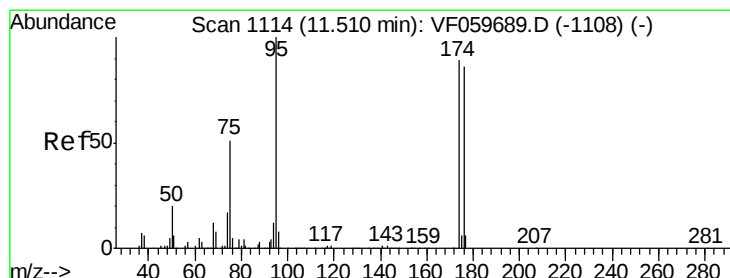
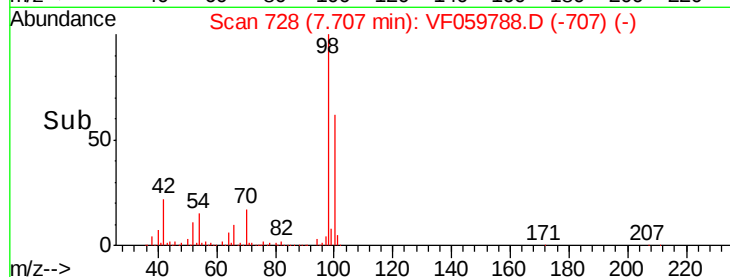
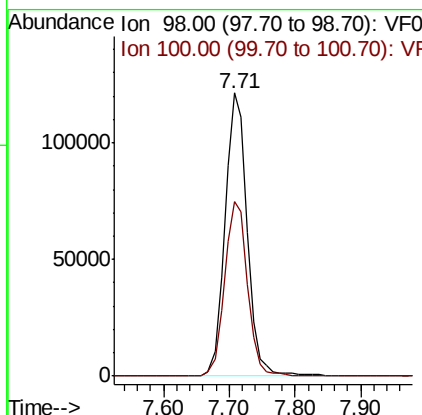
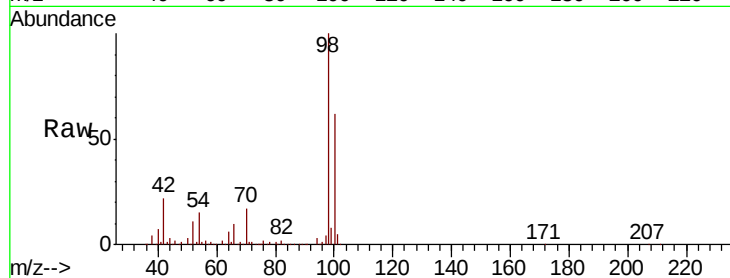




#50
Toluene-d8
Concen: 48.87 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059788.D
Acq: 2 Aug 2018 8:52

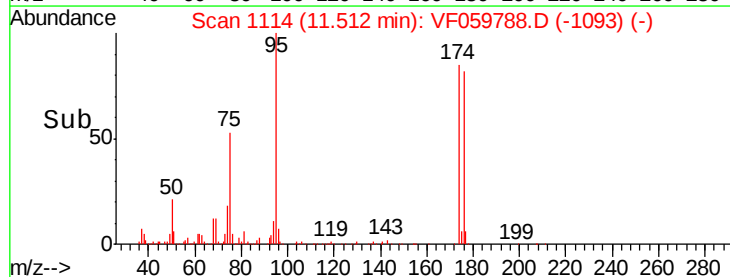
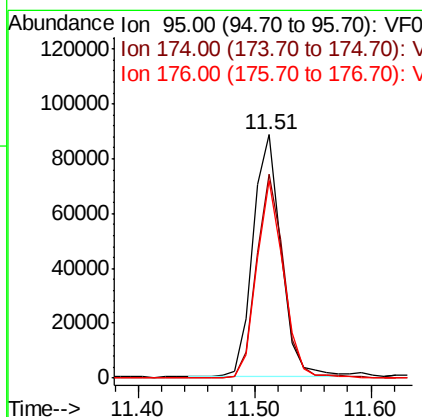
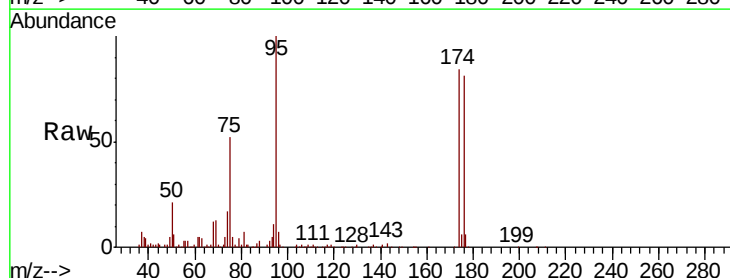
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2RE

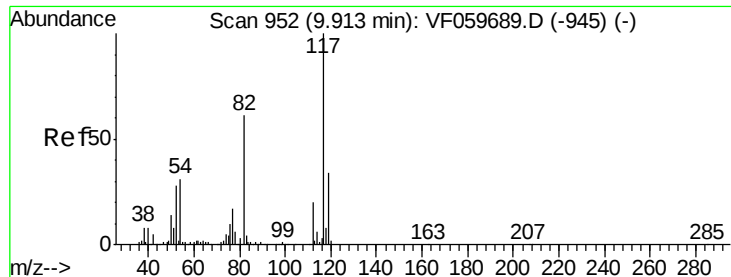
Tot Ion: 98 Resp: 285770
Ion Ratio Lower Upper
98 100
100 61.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.91 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059788.D
Acq: 2 Aug 2018 8:52

Tgt Ion: 95 Resp: 148620
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.4
176 81.3 0.0 173.0

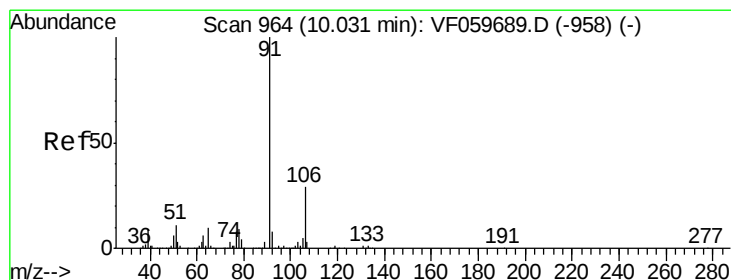
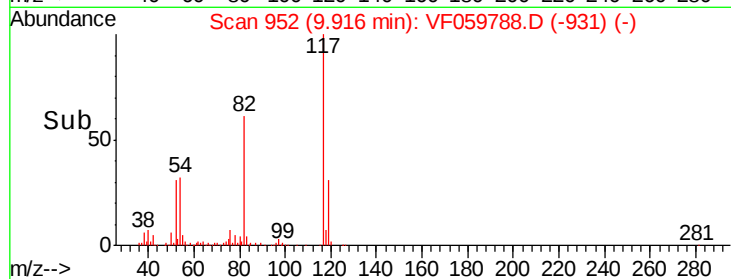
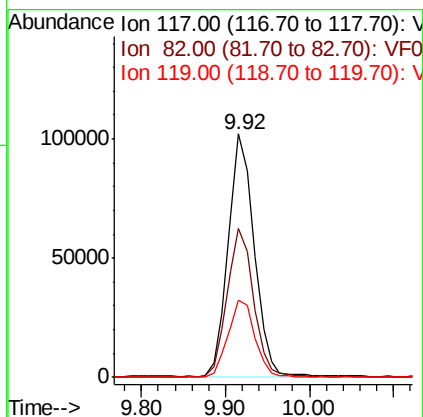
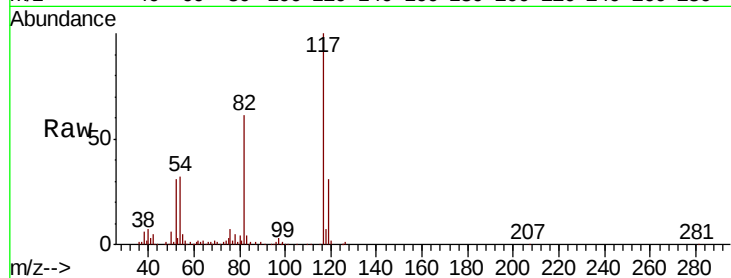




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059788.D
Acq: 2 Aug 2018 8:52

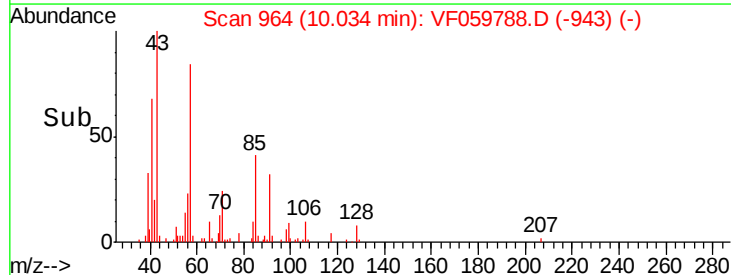
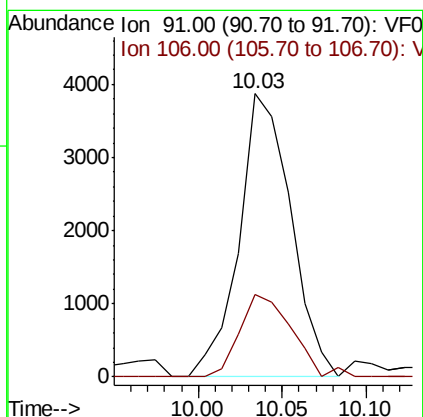
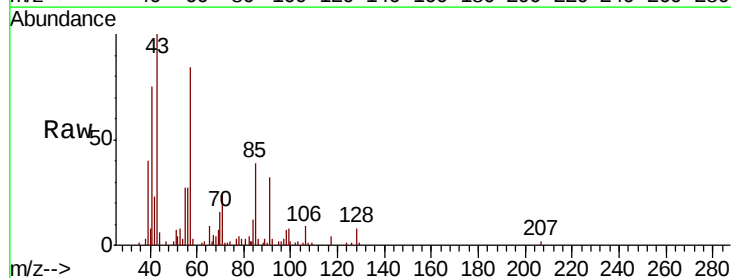
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-2RE

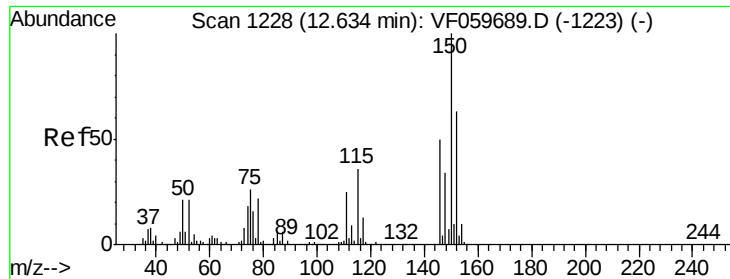
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.3	49.0	73.4
119	31.5	27.3	40.9



#67
Ethyl Benzene
Concen: 1.08 ug/l
RT: 10.03 min Scan# 964
Delta R.T. 0.00 min
Lab File: VF059788.D
Acq: 2 Aug 2018 8:52

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.3	22.9	34.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059788.D

Acq: 2 Aug 2018 8:52

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-2RE

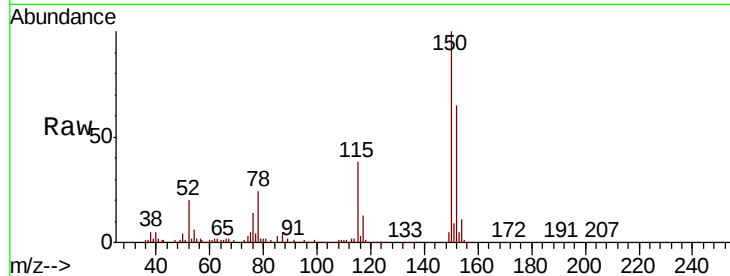
Tot Ion:152 Resp: 132926

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.6

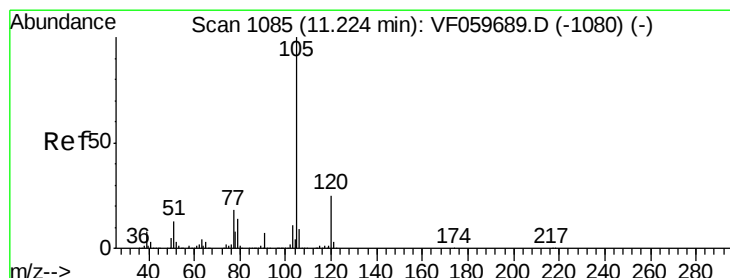
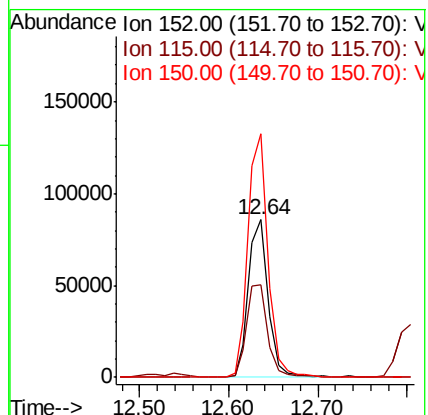
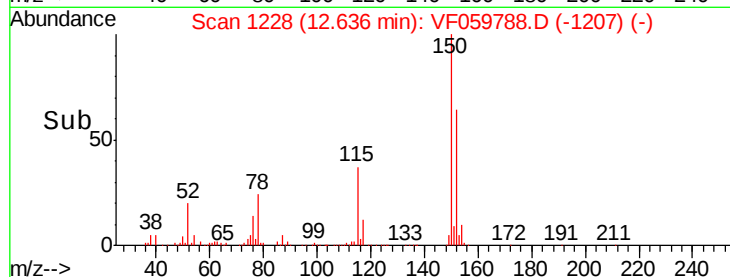
150 154.7 0.0 316.2



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



#73

Isopropylbenzene

Concen: 2.35 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VF059788.D

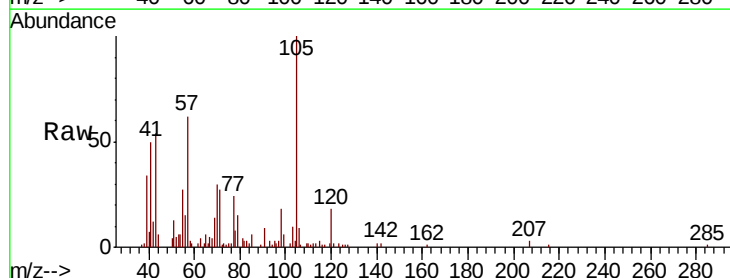
Acq: 2 Aug 2018 8:52

Tgt Ion:105 Resp: 20535

Ion Ratio Lower Upper

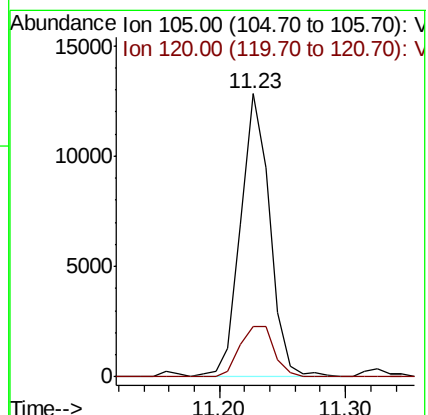
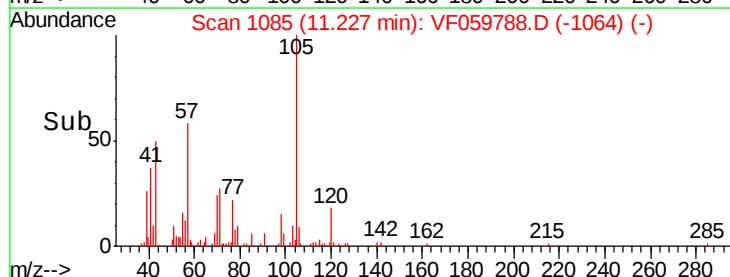
105 100

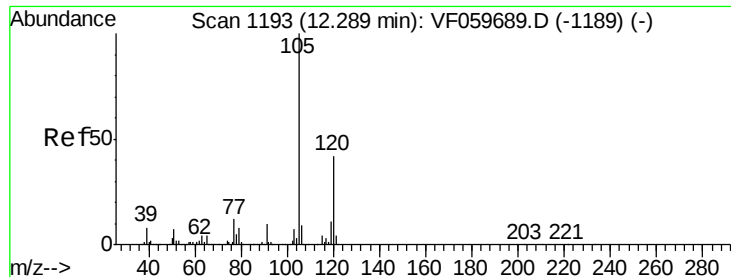
120 18.0 12.4 37.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

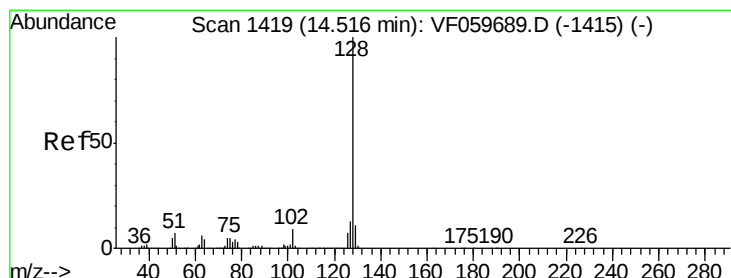
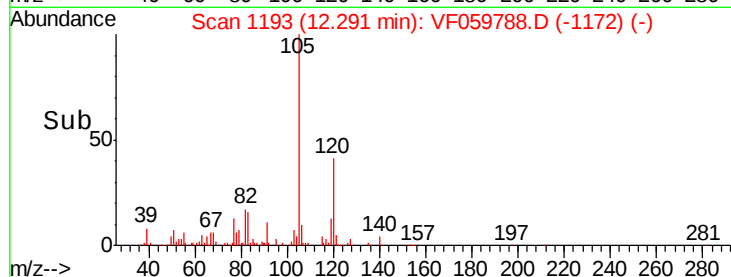
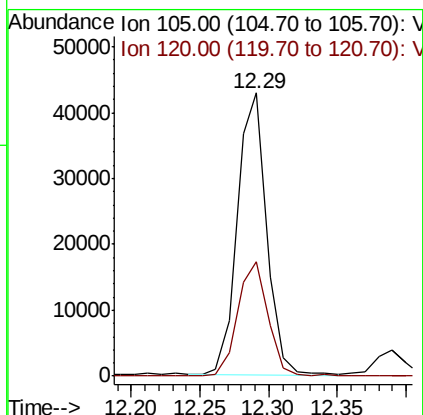
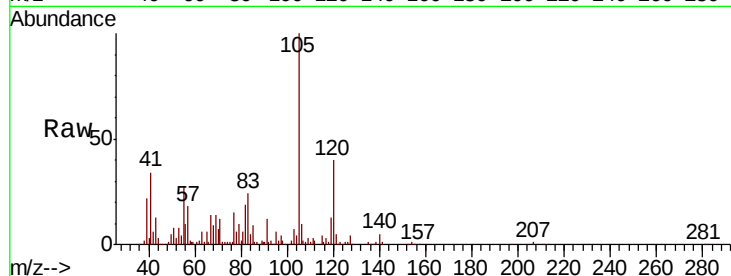




#84
 1,2,4-Trimethylbenzene
 Concen: 4.94 ug/l
 RT: 12.29 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: VF059788.D
 Acq: 2 Aug 2018 8:52

Instrument :
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Tot Ion:105 Resp: 63363
 Ion Ratio Lower Upper
 105 100
 120 40.2 21.1 63.3



#95
 Naphthalene
 Concen: 425.96 ug/l
 RT: 14.53 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: VF059788.D
 Acq: 2 Aug 2018 8:52

Tgt Ion:128 Resp: 2441197
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.0 15.0
 129 13.4 8.6 13.0#

