

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059767.D
 Acq On : 1 Aug 2018 20:39
 Operator : VA/AP
 Sample : J4231-19
 Misc : 5.04g/5mL/MSVOA F/SOIL
 ALS Vial : 97 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-10

Quant Time: Aug 02 07:03:27 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

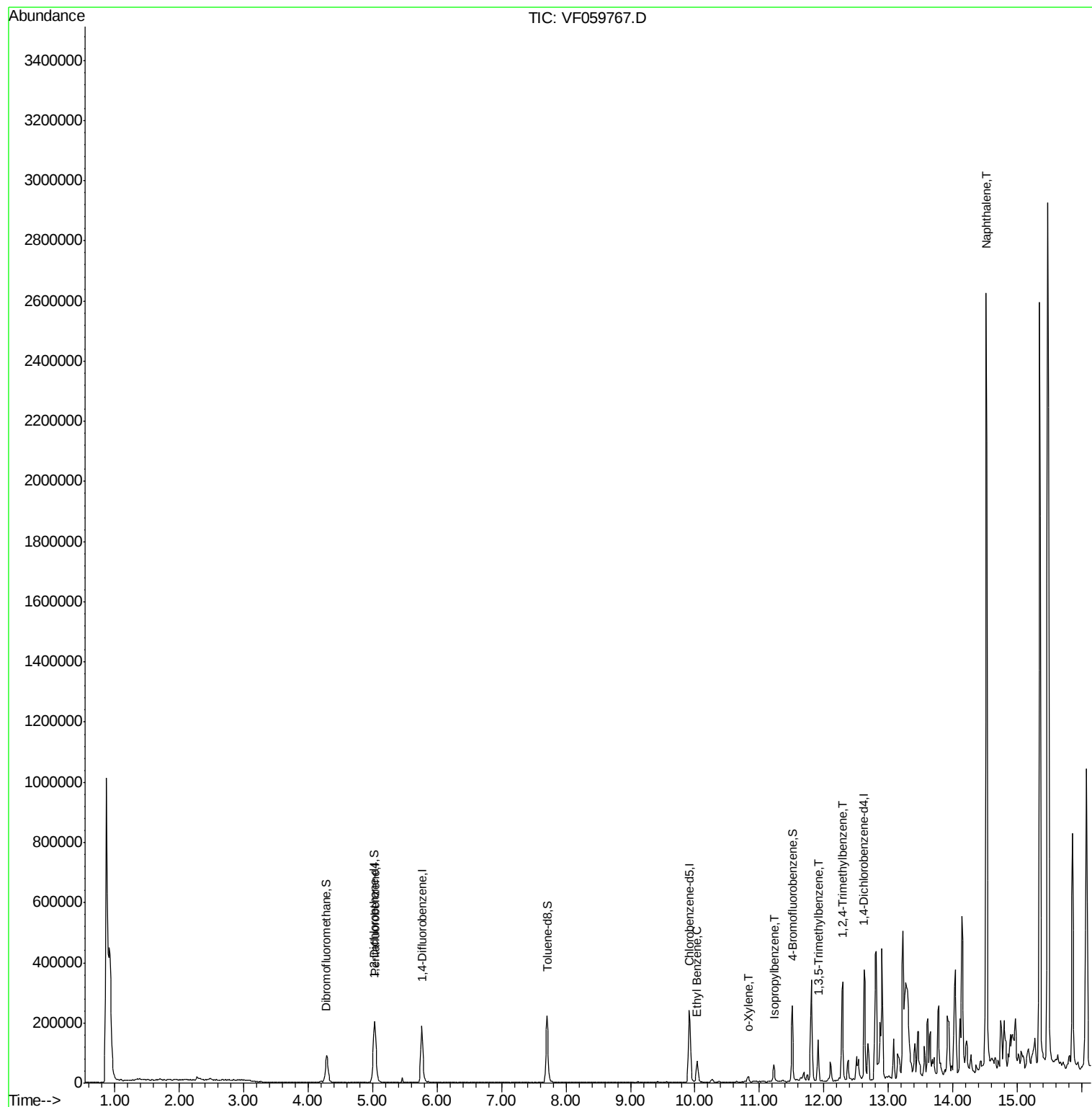
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	135495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	178618	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	162966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	95501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	93153	38.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.50%	
35) Dibromofluoromethane	4.29	113	77058	41.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.08%	
50) Toluene-d8	7.71	98	173937	40.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.40%	
62) 4-Bromofluorobenzene	11.51	95	81364	33.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.94%	
Target Compounds						
67) Ethyl Benzene	10.04	91	58029	10.29	ug/l	94
69) o-Xylene	10.83	106	5173	2.49	ug/l	55
73) Isopropylbenzene	11.23	105	34855	5.56	ug/l	97
80) 1,3,5-Trimethylbenzene	11.92	105	78451	12.15	ug/l	98
84) 1,2,4-Trimethylbenzene	12.29	105	171122	32.33	ug/l	96
95) Naphthalene	14.52	128	1897915	460.94	ug/l	97

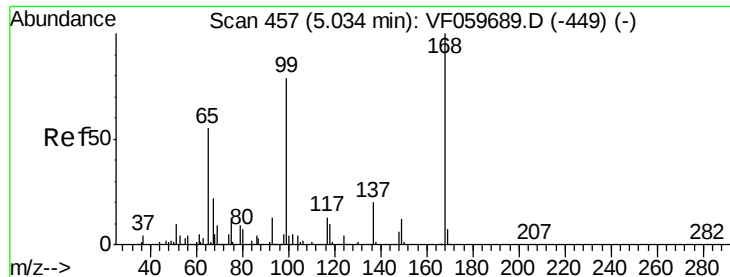
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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2018-NYSEG-CLARK-AREA-14-10

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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: VF059767.D

Acq: 1 Aug 2018 20:39

Instrument :

MSVOA_F

ClientSampleId :

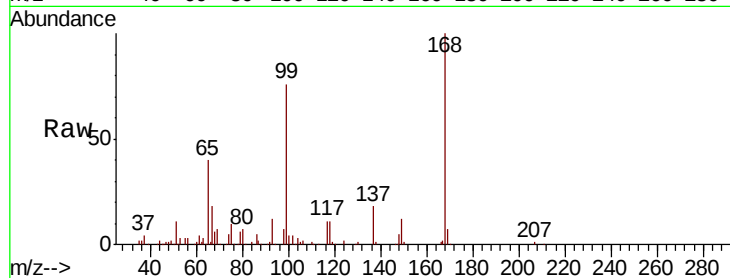
2018-NYSEG-CLARK-AREA-14-10

Tot Ion:168 Resp: 135495

Ion Ratio Lower Upper

168 100

99 75.9 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

40000

30000

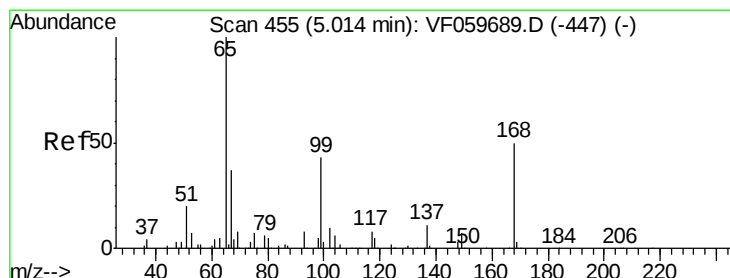
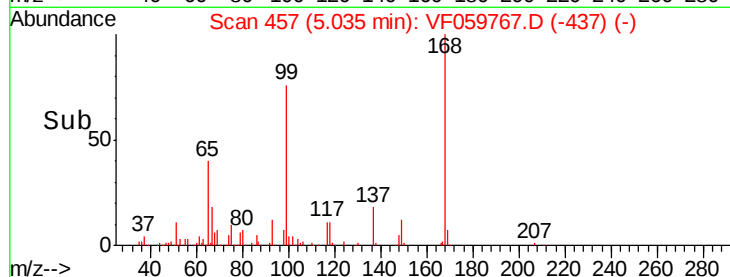
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 38.25 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059767.D

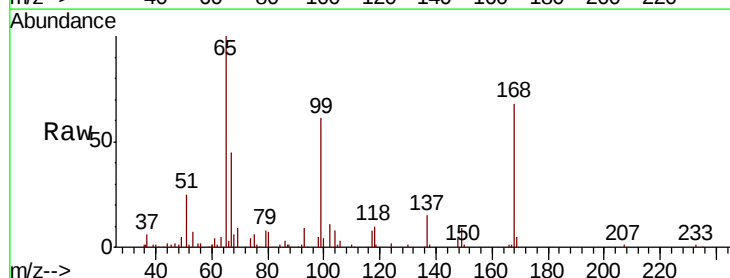
Acq: 1 Aug 2018 20:39

Tgt Ion: 65 Resp: 93153

Ion Ratio Lower Upper

65 100

67 45.4 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

30000

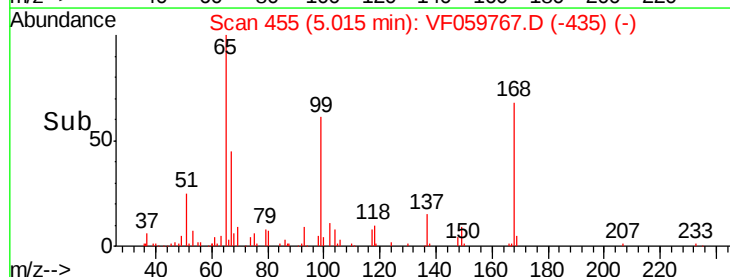
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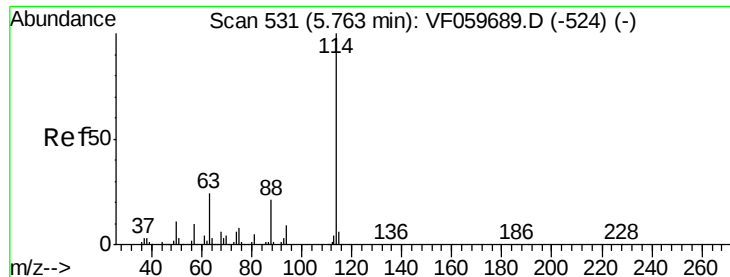
10000

0

4.90 5.00 5.10 5.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF059767.D

Acq: 1 Aug 2018 20:39

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-10

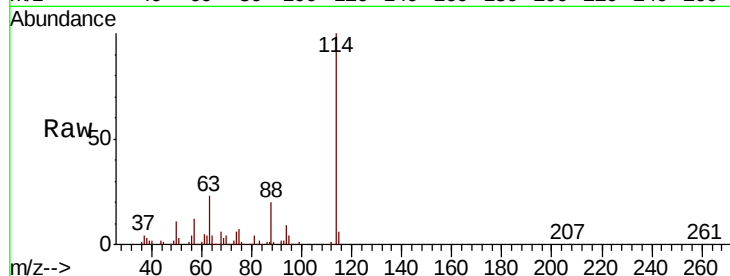
Tot Ion:114 Resp: 178618

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.4

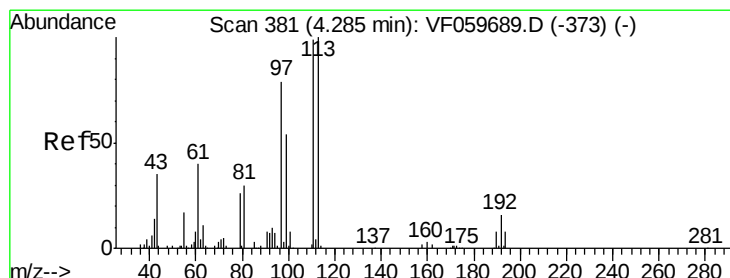
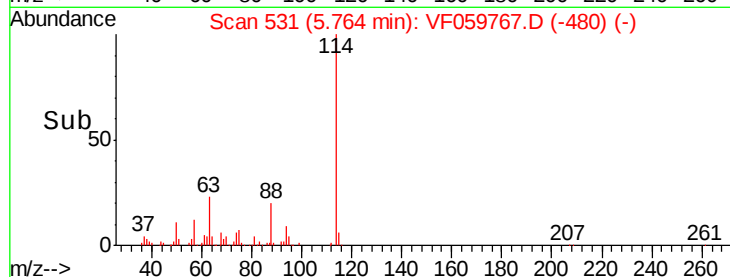
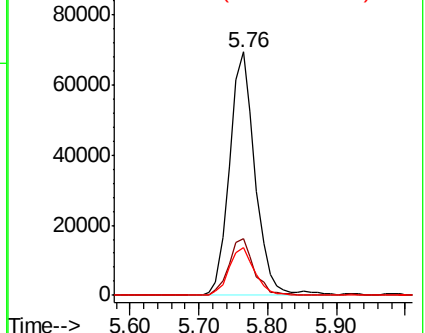
88 19.6 0.0 41.2



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: 41.54 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.00 min

Lab File: VF059767.D

Acq: 1 Aug 2018 20:39

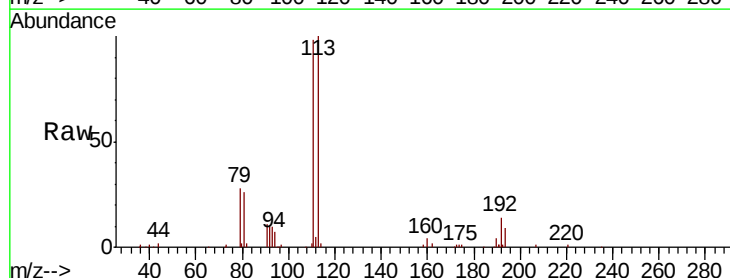
Tgt Ion:113 Resp: 77058

Ion Ratio Lower Upper

113 100

111 97.8 79.0 118.4

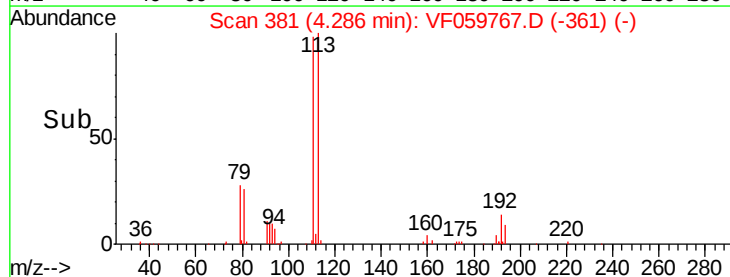
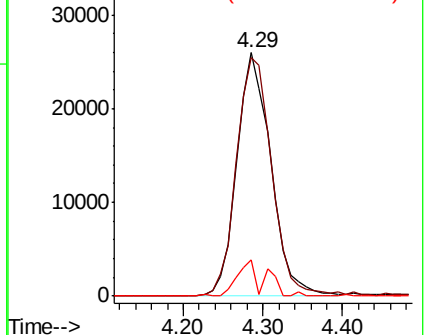
192 14.7 13.2 19.8

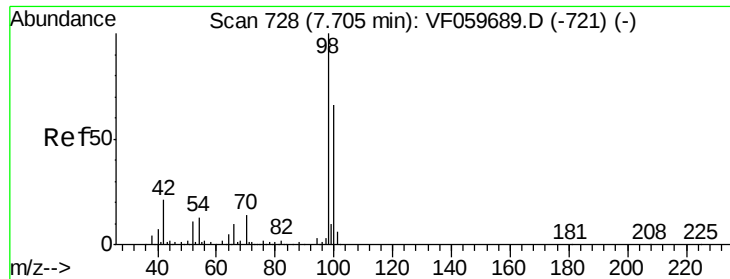


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

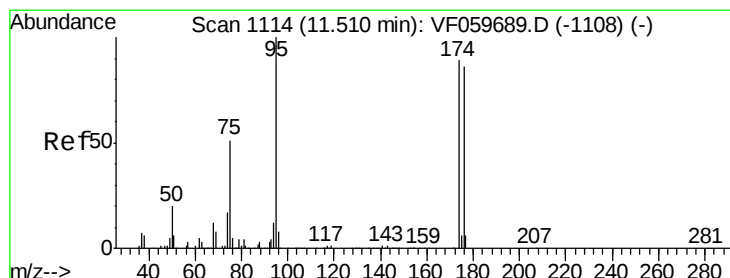
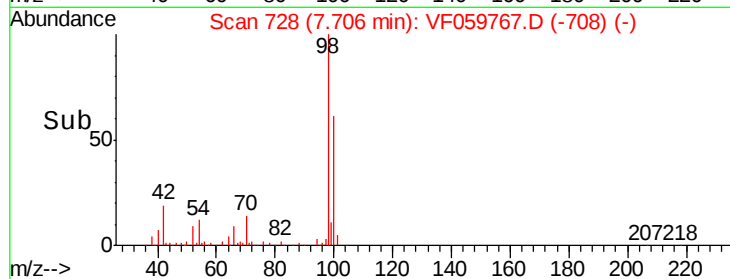
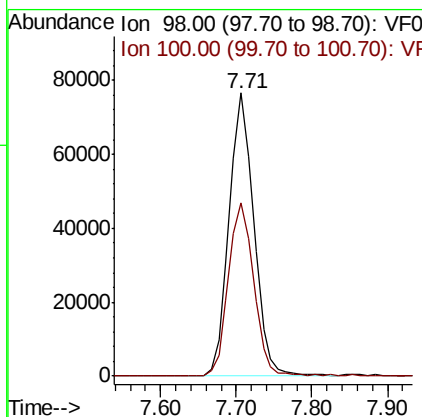
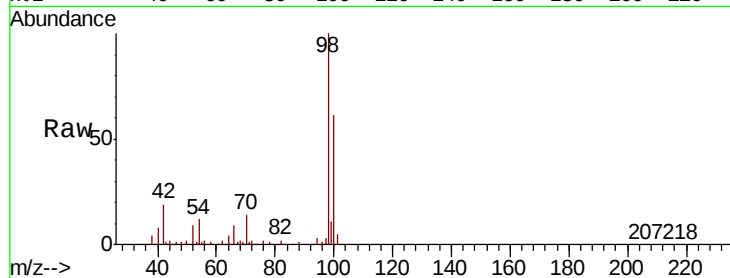




#50
Toluene-d8
Concen: 40.20 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059767.D
Acq: 1 Aug 2018 20:39

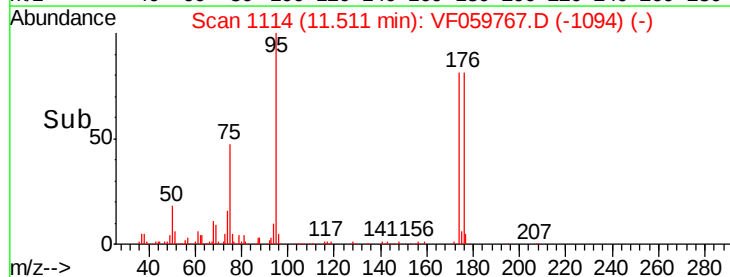
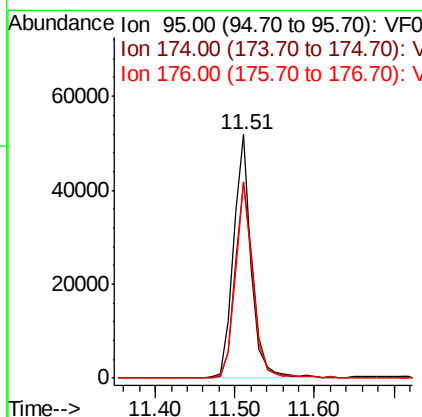
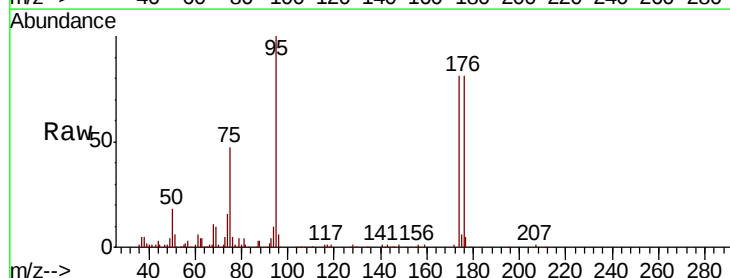
Instrument :
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2018-NYSEG-CLARK-AREA-14-10

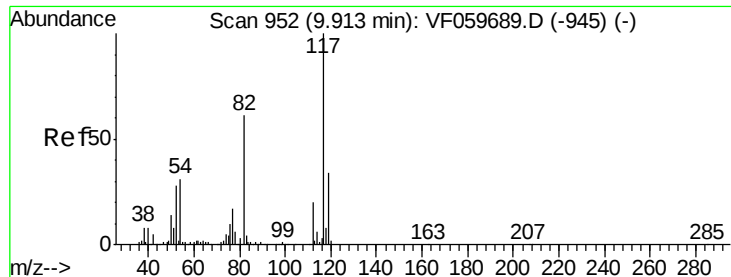
Tot Ion: 98 Resp: 173937
Ion Ratio Lower Upper
98 100
100 61.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 33.97 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059767.D
Acq: 1 Aug 2018 20:39

Tgt Ion: 95 Resp: 81364
Ion Ratio Lower Upper
95 100
174 80.7 0.0 178.4
176 80.6 0.0 173.0

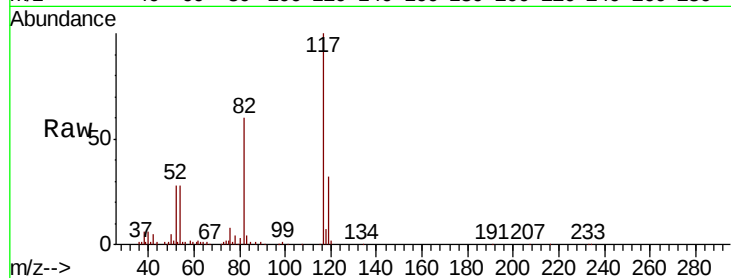




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059767.D
Acq: 1 Aug 2018 20:39

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-10

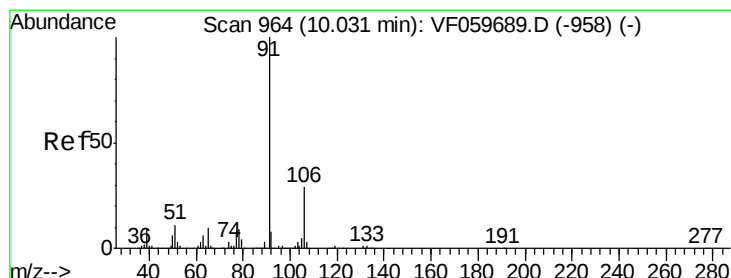
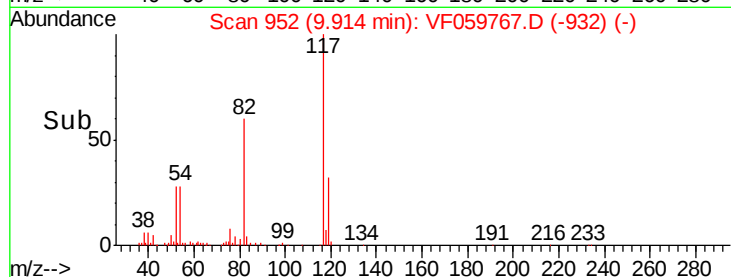
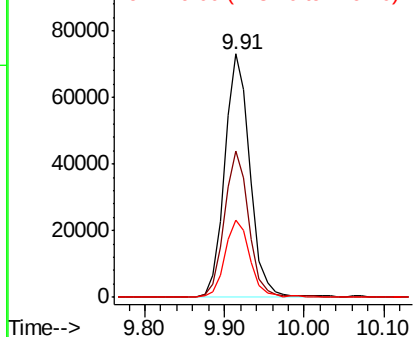
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	49.0	73.4
119	31.6	27.3	40.9



Abundance Ion 117.00 (116.70 to 117.70): V

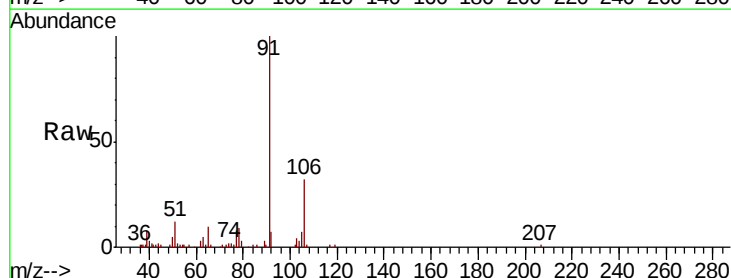
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



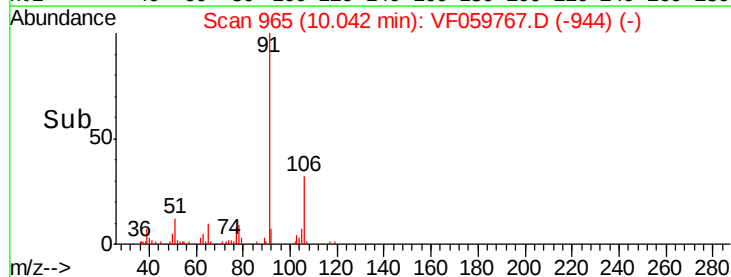
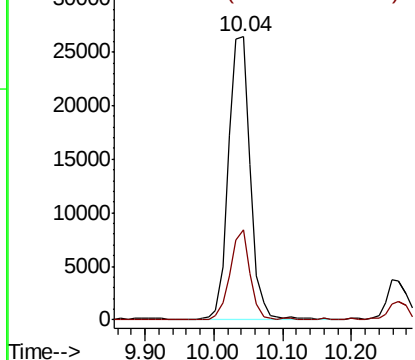
#67
Ethyl Benzene
Concen: 10.29 ug/l
RT: 10.04 min Scan# 965
Delta R.T. 0.01 min
Lab File: VF059767.D
Acq: 1 Aug 2018 20:39

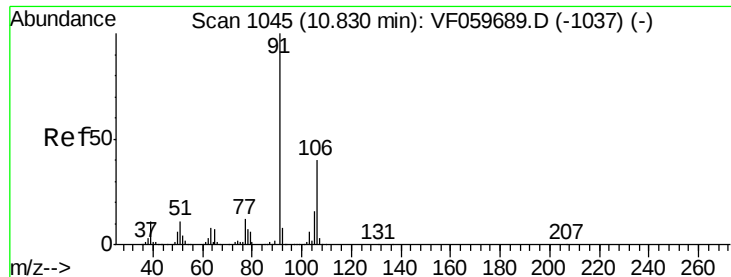
Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	22.9	34.3



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

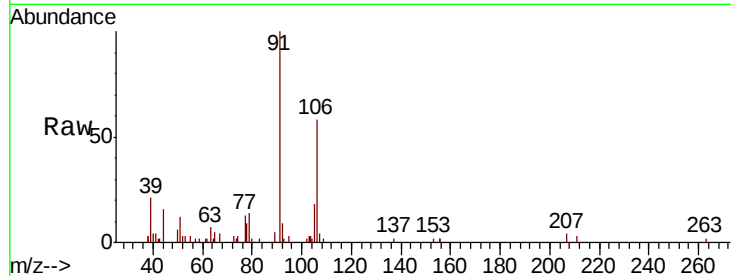




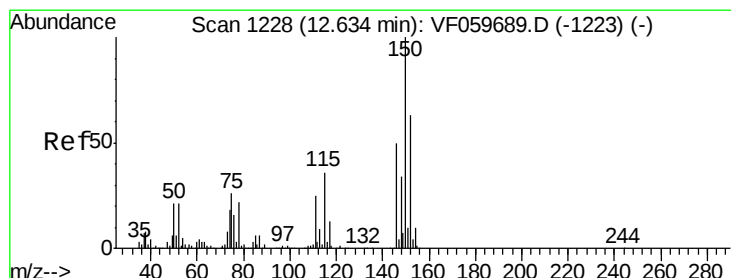
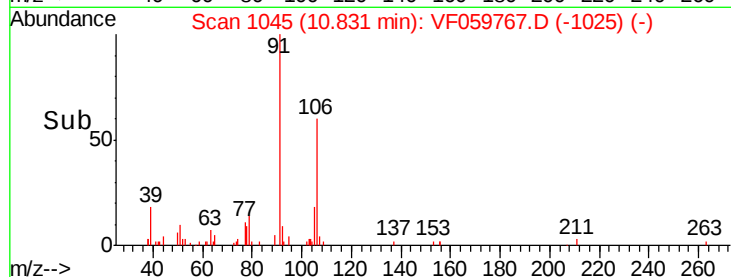
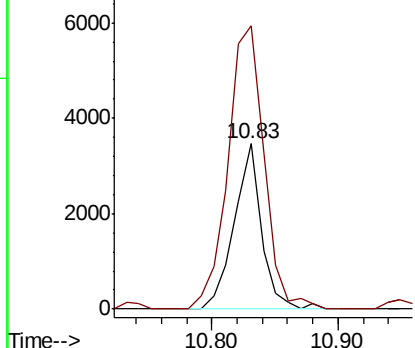
#69
o-Xylene
Concen: 2.49 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VF059767.D
Acq: 1 Aug 2018 20:39

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-10

Tot Ion:106 Resp: 5173
Ion Ratio Lower Upper
106 100
91 171.1 124.6 373.7

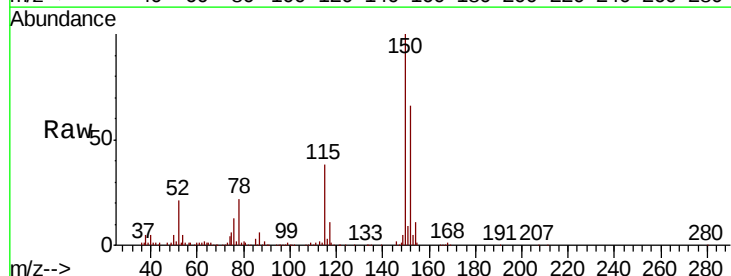


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

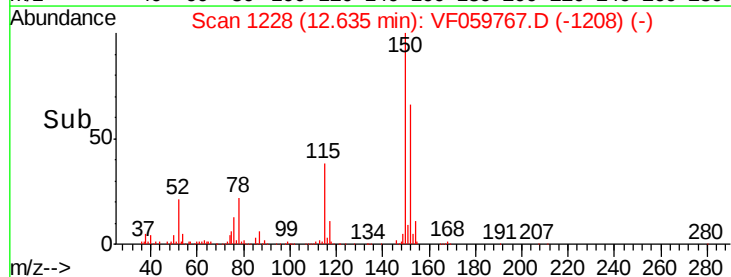
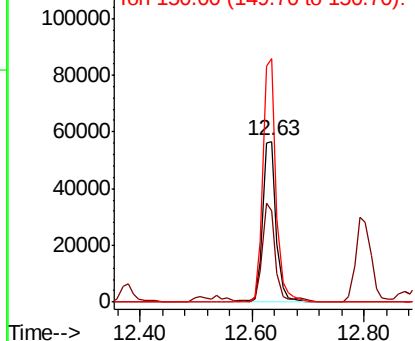


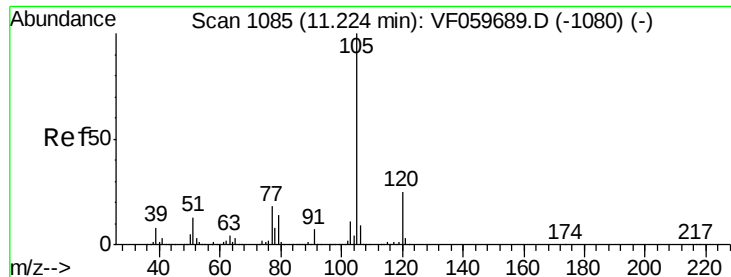
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059767.D
Acq: 1 Aug 2018 20:39

Tgt Ion:152 Resp: 95501
Ion Ratio Lower Upper
152 100
115 57.1 28.2 84.6
150 151.2 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





#73

Isopropylbenzene

Concen: 5.56 ug/l

RT: 11.23 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VF059767.D

Acq: 1 Aug 2018 20:39

Instrument :

MSVOA_F

ClientSampleId :

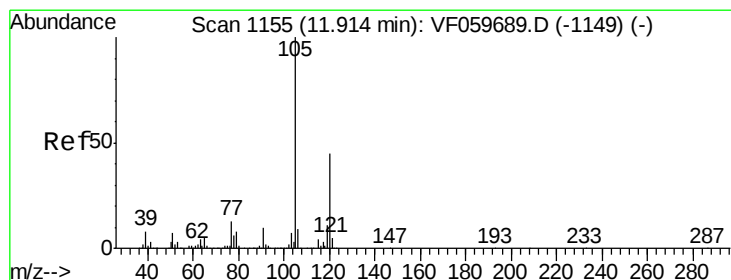
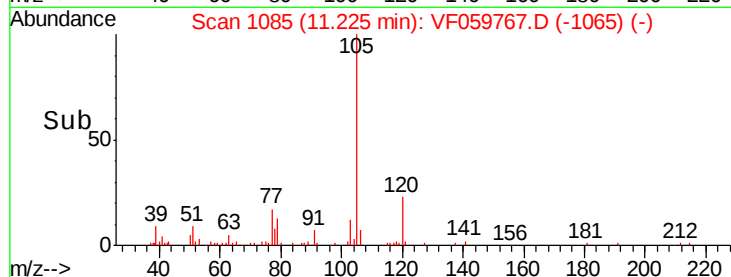
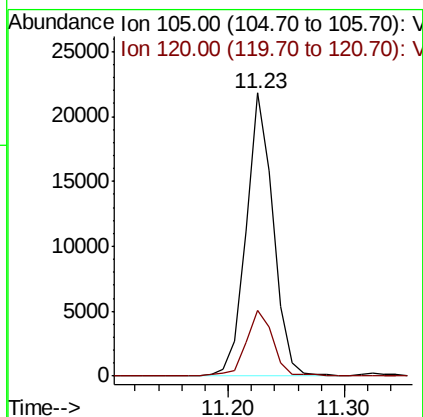
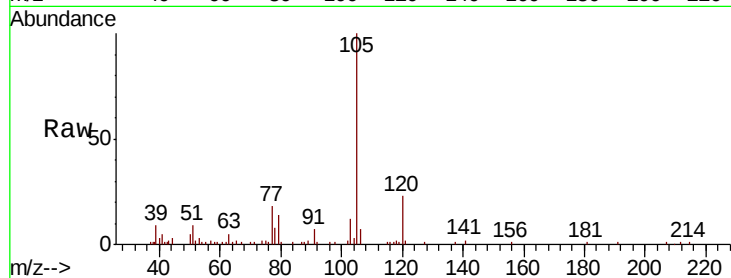
2018-NYSEG-CLARK-AREA-14-10

Tot Ion:105 Resp: 34855

Ion Ratio Lower Upper

105 100

120 23.2 12.4 37.4



#80

1,3,5-Trimethylbenzene

Concen: 12.15 ug/l

RT: 11.92 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VF059767.D

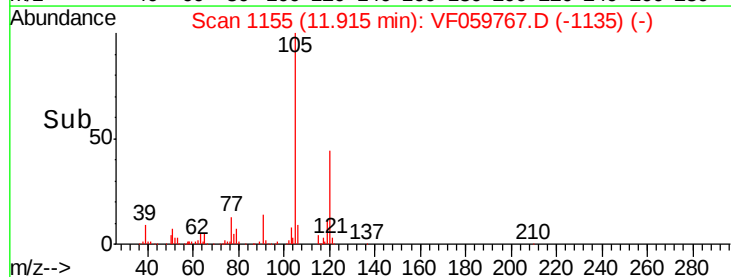
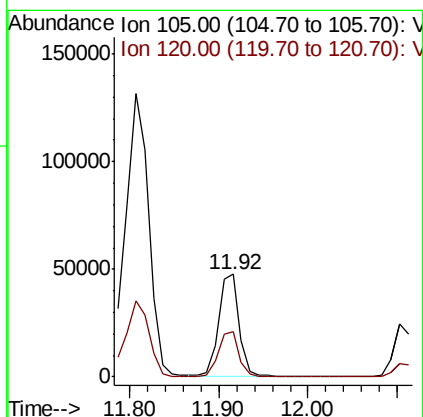
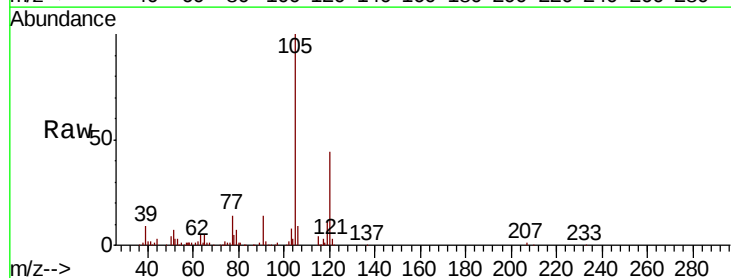
Acq: 1 Aug 2018 20:39

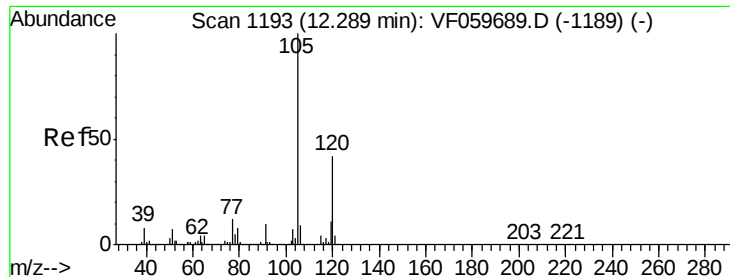
Tgt Ion:105 Resp: 78451

Ion Ratio Lower Upper

105 100

120 44.1 22.7 68.0

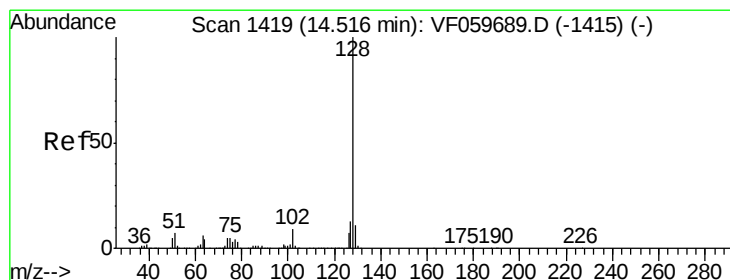
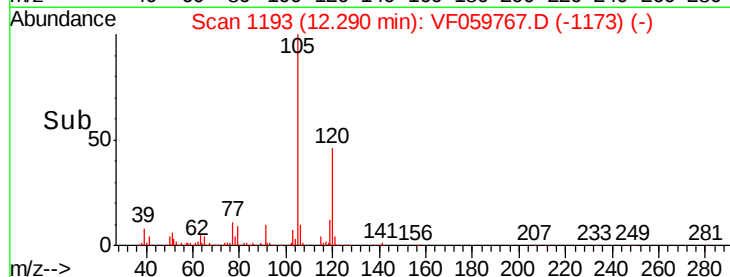
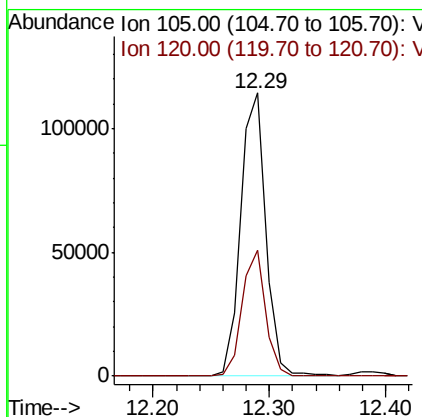
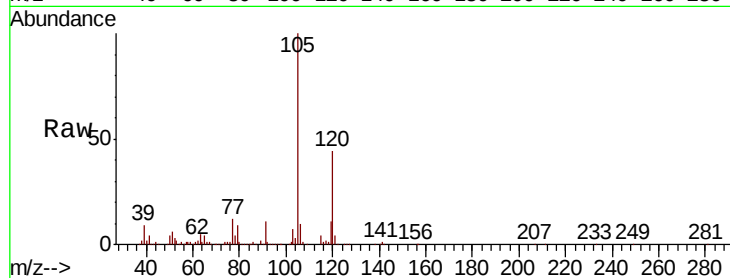




#84
 1,2,4-Trimethylbenzene
 Concen: 32.33 ug/l
 RT: 12.29 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: VF059767.D
 Acq: 1 Aug 2018 20:39

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-10

Tot Ion:105 Resp: 171122
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.1 63.3



#95
 Naphthalene
 Concen: 460.94 ug/l
 RT: 14.52 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: VF059767.D
 Acq: 1 Aug 2018 20:39

Tgt Ion:128 Resp: 1897915
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.0 15.0
 129 12.6 8.6 13.0

