

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059764.D
 Acq On : 1 Aug 2018 19:17
 Operator : VA/AP
 Sample : J4231-13
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 94 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-7

Quant Time: Aug 02 06:51:34 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	116240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	161327	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	119002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	52532	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	73179	35.03	ug/l	0.00
Spiked Amount			Recovery	=	70.06%	
35) Dibromofluoromethane	4.29	113	62430	37.26	ug/l	0.00
Spiked Amount			Recovery	=	74.52%	
50) Toluene-d8	7.70	98	125018	31.99	ug/l	0.00
Spiked Amount			Recovery	=	63.98%	
62) 4-Bromofluorobenzene	11.51	95	46427	21.46	ug/l	0.00
Spiked Amount			Recovery	=	42.92%	

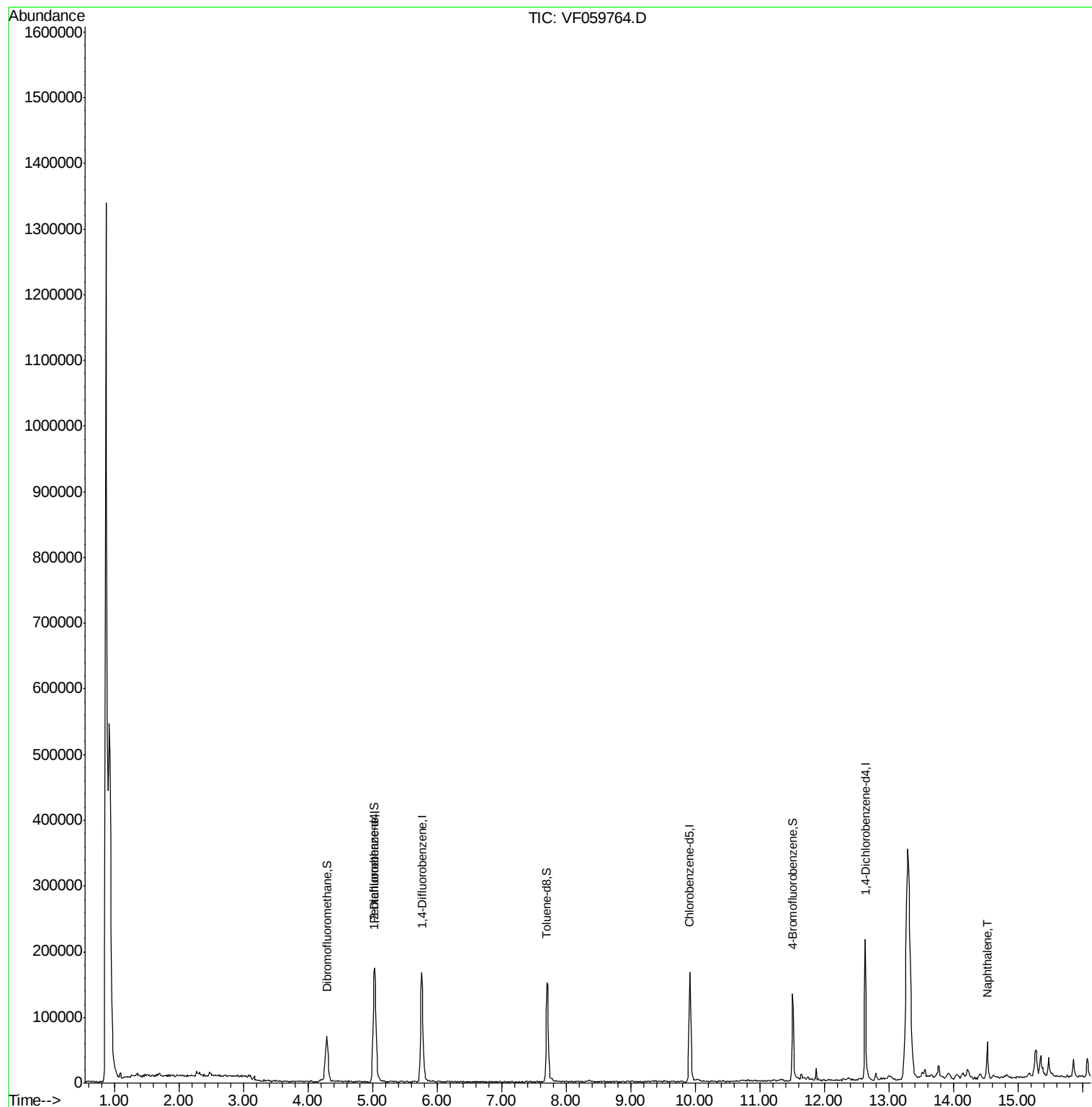
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
95) Naphthalene	14.52	128	35067	15.48	ug/l	96

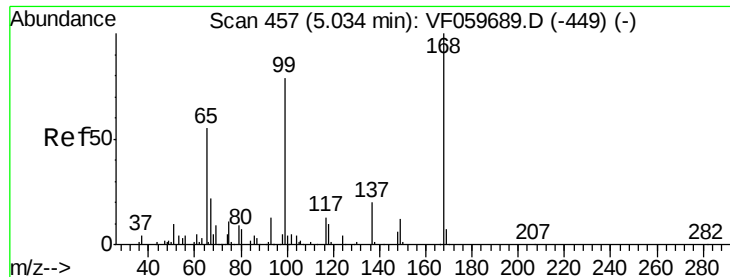
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 456

Delta R.T. -0.00 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

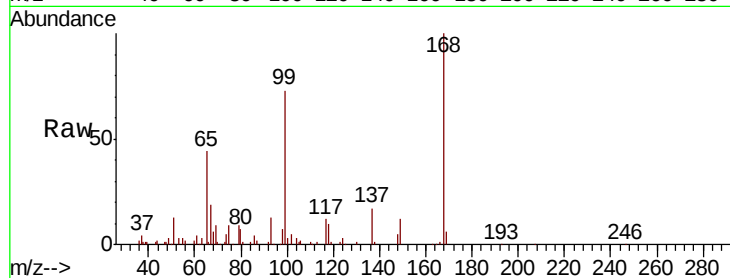
2018-NYSEG-CLARK-AREA-14-7

Tot Ion:168 Resp: 116240

Ion Ratio Lower Upper

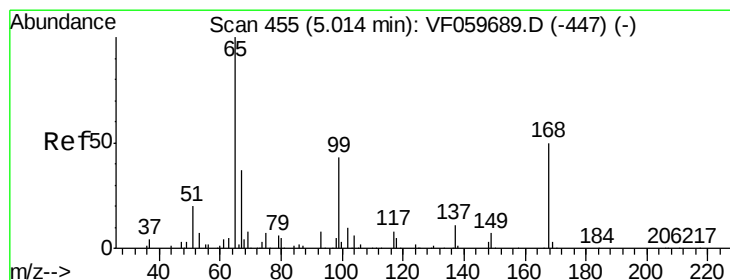
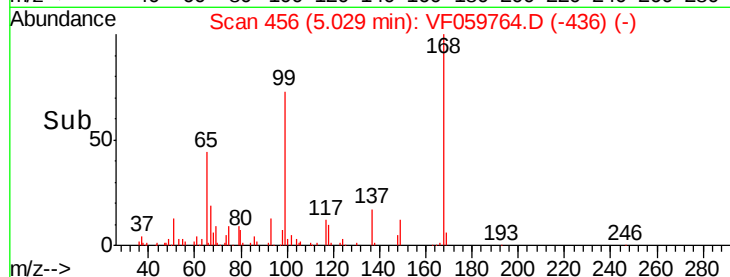
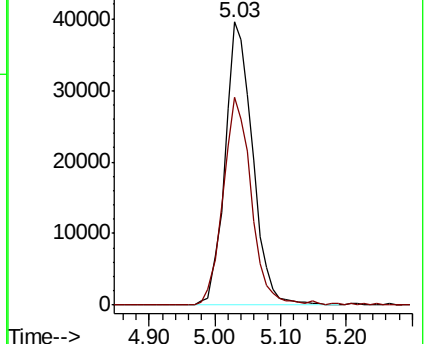
168 100

99 73.4 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 35.03 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059764.D

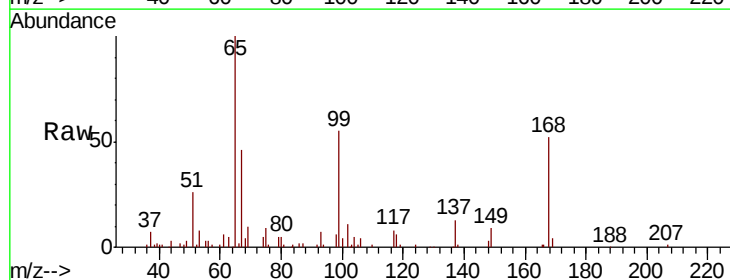
Acq: 1 Aug 2018 19:17

Tgt Ion: 65 Resp: 73179

Ion Ratio Lower Upper

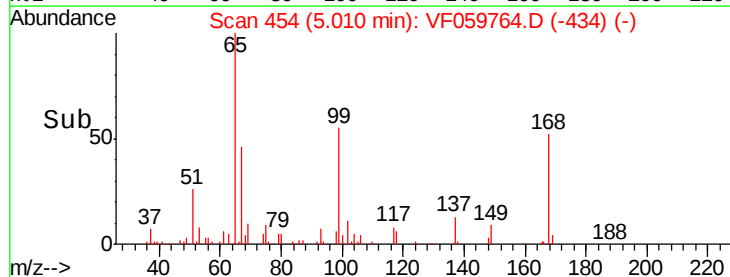
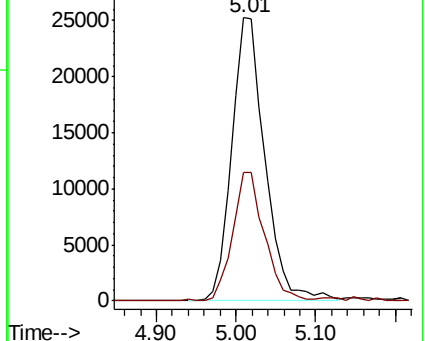
65 100

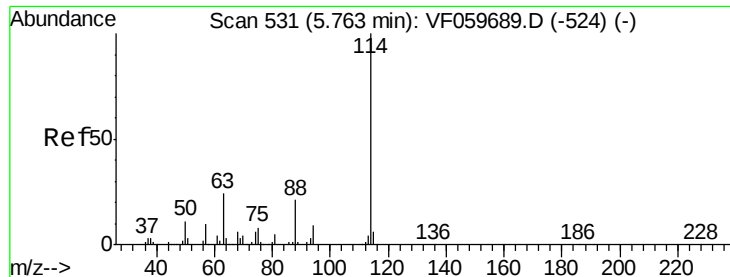
67 45.6 0.0 84.6



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# 530

Delta R.T. -0.00 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-7

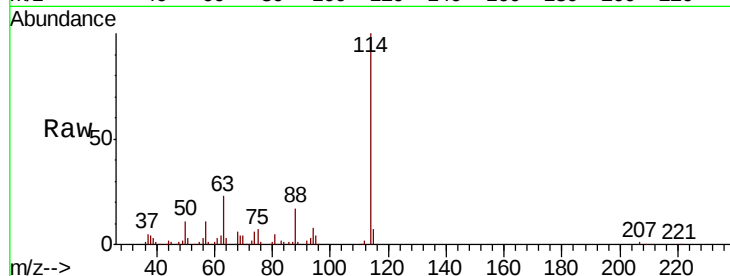
Tot Ion:114 Resp: 161327

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.4

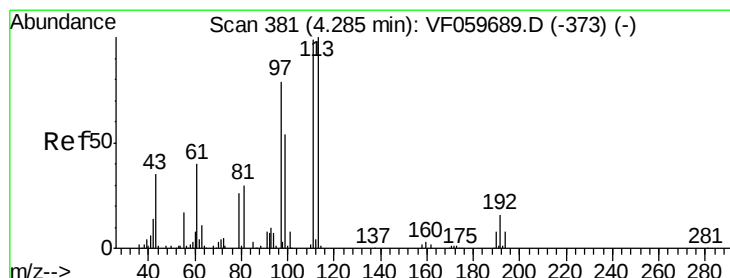
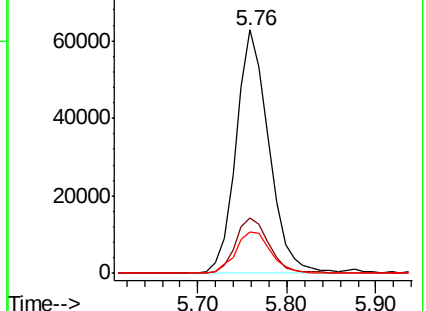
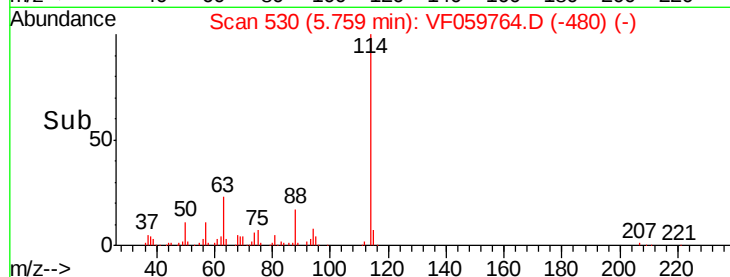
88 16.9 0.0 41.2



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: 37.26 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059764.D

Acq: 1 Aug 2018 19:17

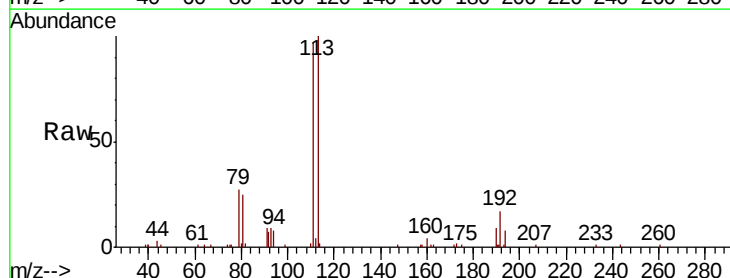
Tgt Ion:113 Resp: 62430

Ion Ratio Lower Upper

113 100

111 97.3 79.0 118.4

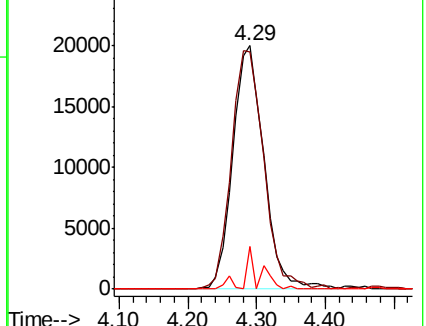
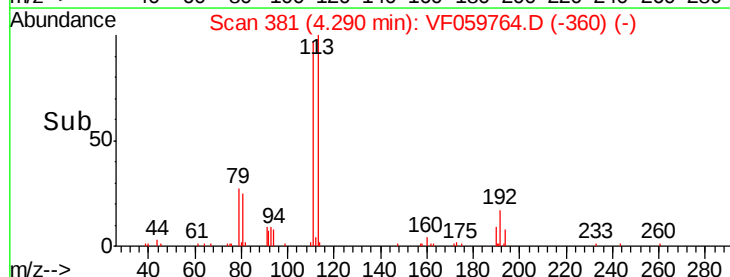
192 17.5 13.2 19.8

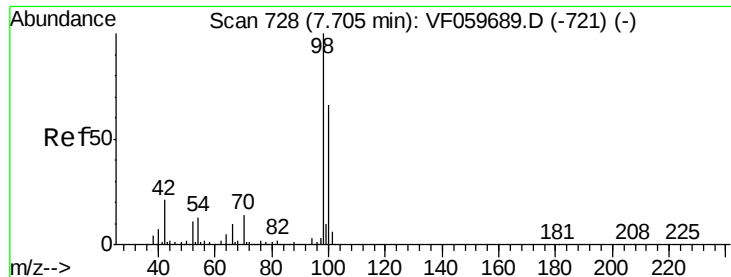


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

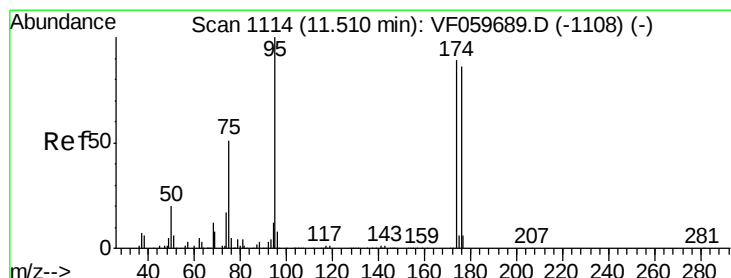
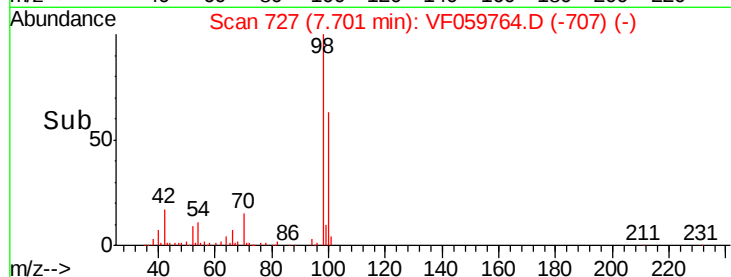
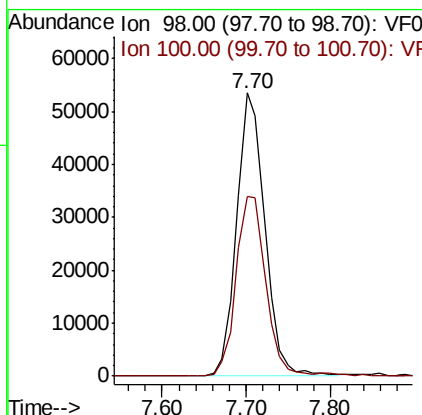
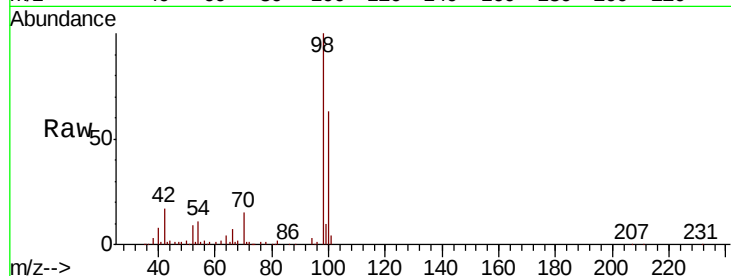




#50
Toluene-d8
Concen: 31.99 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059764.D
Acq: 1 Aug 2018 19:17

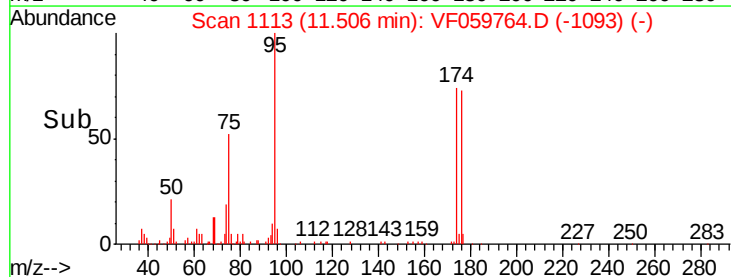
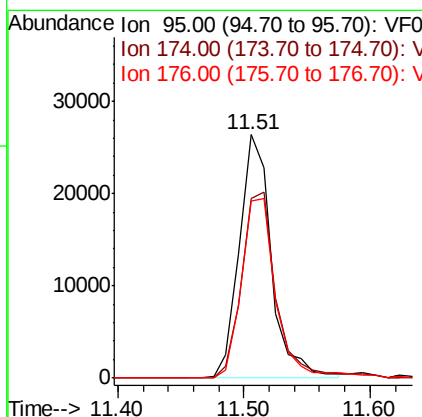
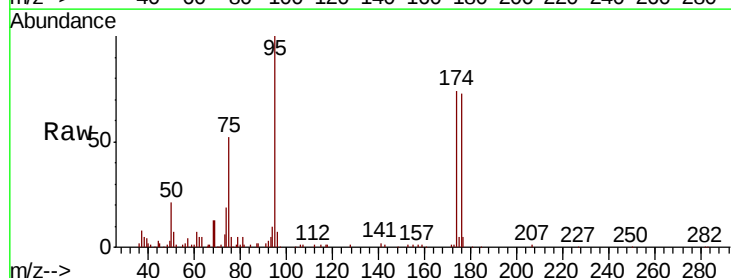
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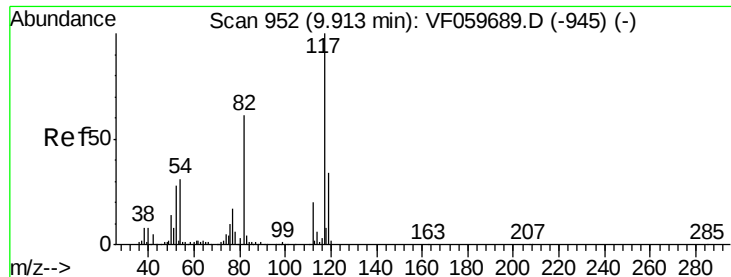
Tot Ion: 98 Resp: 125018
Ion Ratio Lower Upper
98 100
100 63.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 21.46 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059764.D
Acq: 1 Aug 2018 19:17

Tgt Ion: 95 Resp: 46427
Ion Ratio Lower Upper
95 100
174 73.5 0.0 178.4
176 72.5 0.0 173.0

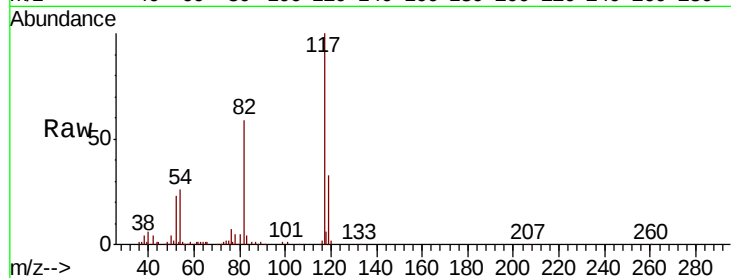




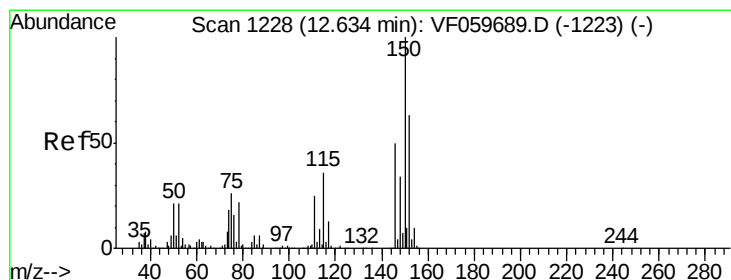
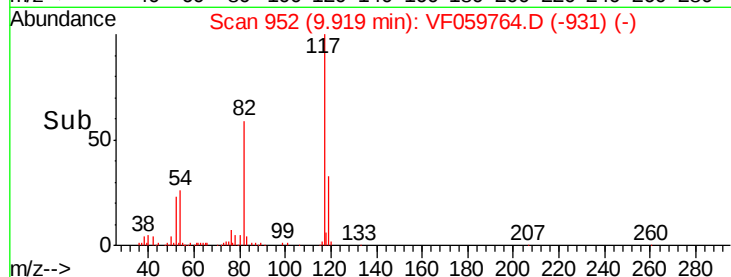
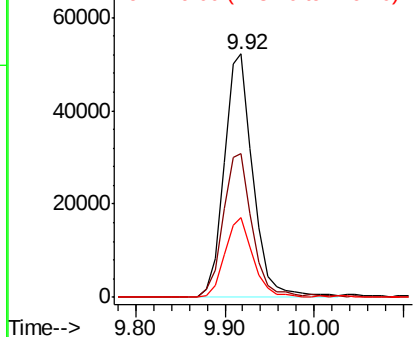
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059764.D
Acq: 1 Aug 2018 19:17

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-7

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	49.0	73.4
119	32.6	27.3	40.9

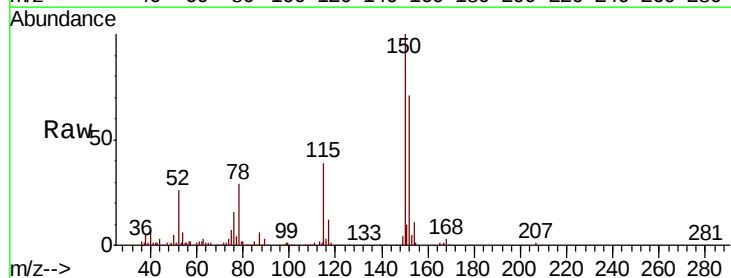


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

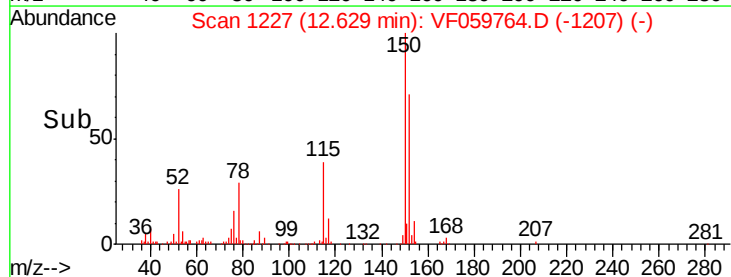
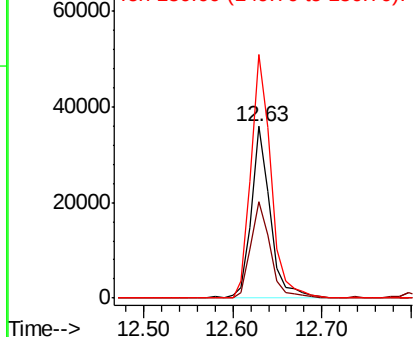


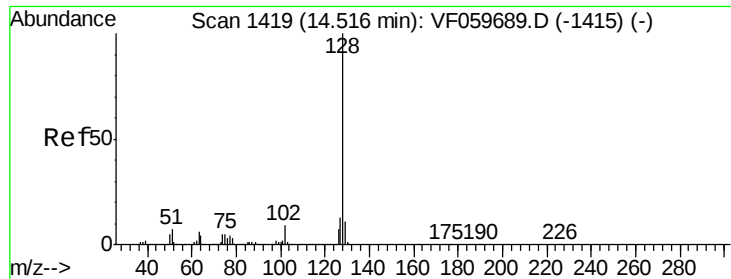
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059764.D
Acq: 1 Aug 2018 19:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.2	84.6
150	141.7	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





#95
 Naphthalene
 Concen: 15.48 ug/l
 RT: 14.52 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: VF059764.D
 Acq: 1 Aug 2018 19:17

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-7

Tot Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.0	15.0
129	12.5	8.6	13.0

