

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080218\
 Data File : VF059805.D
 Acq On : 2 Aug 2018 17:21
 Operator : VA/AP
 Sample : J4231-21
 Misc : 5.01u/5mL/MSVOA F/SOIL
 ALS Vial : 88 Sample Multiplier: 1

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

Quant Time: Aug 02 17:46:49 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

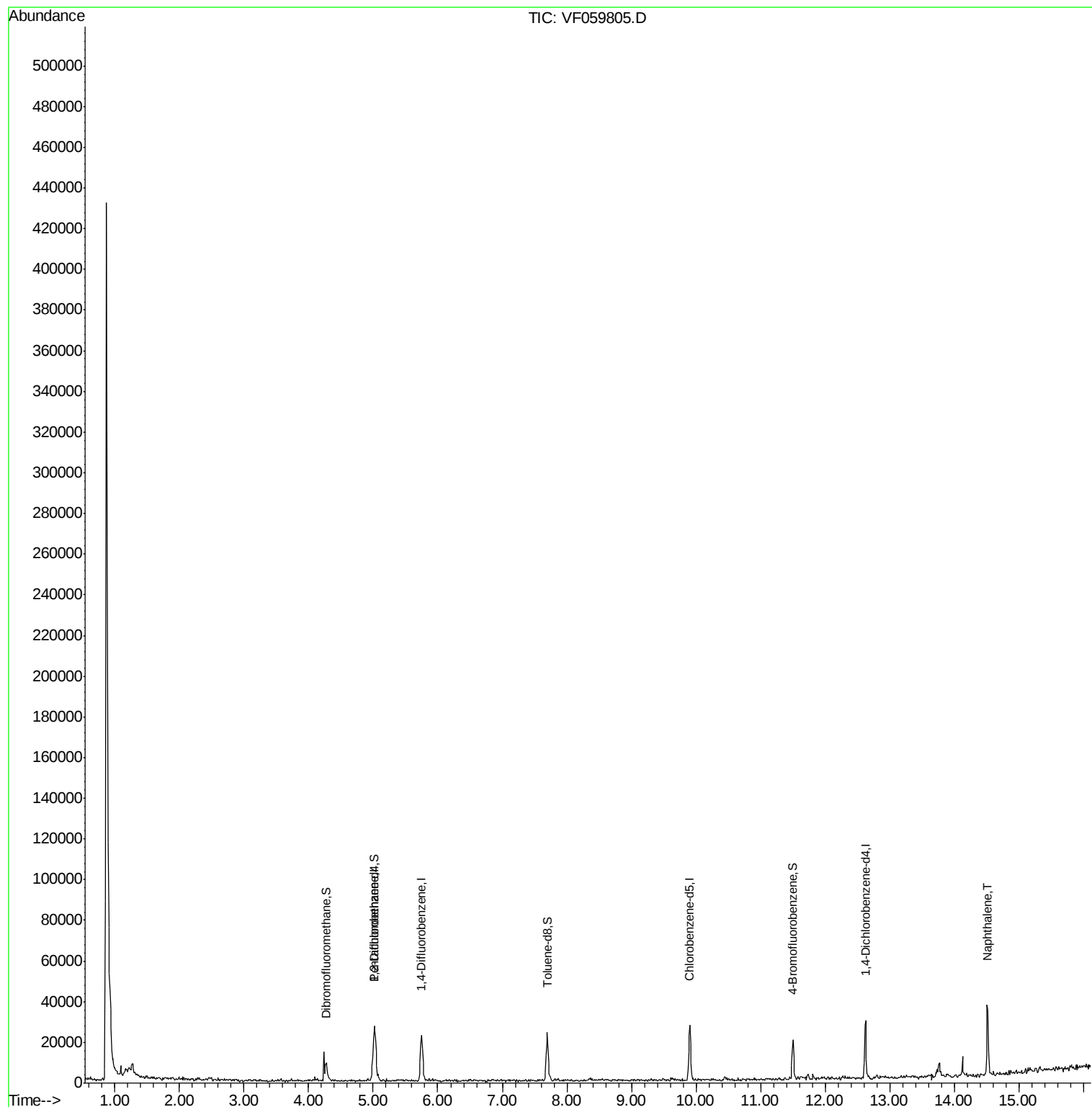
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	19928	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	22568	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.90	117	16511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	6486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	6289	17.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	35.12%	
35) Dibromofluoromethane	4.27	113	7270	31.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	62.02%	
50) Toluene-d8	7.70	98	18152	33.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.42%	
62) 4-Bromofluorobenzene	11.50	95	5225	17.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	34.54%	
Target Compounds						
95) Naphthalene	14.51	128	26148	93.51	ug/l	Qvalue 98

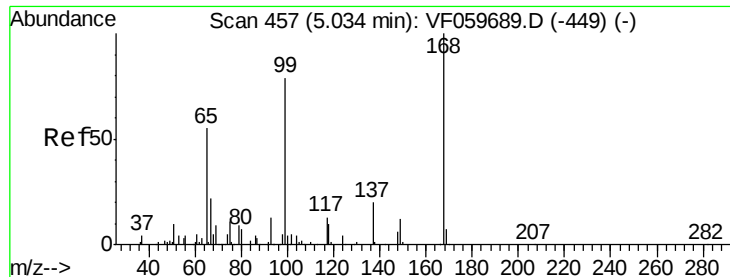
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.02 min

Lab File: VF059805.D

Acq: 2 Aug 2018 17:21

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ClientSampleId :

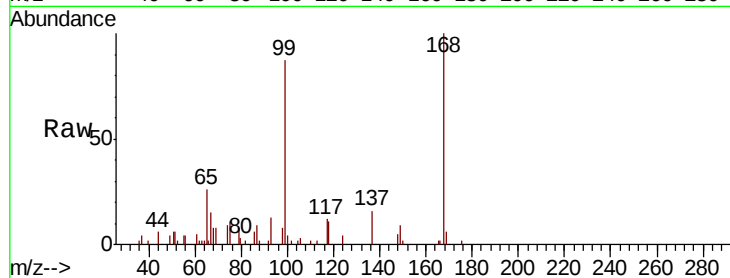
2018-NYSEG-CLARK-AREA-7

Tot Ion:168 Resp: 19928

Ion Ratio Lower Upper

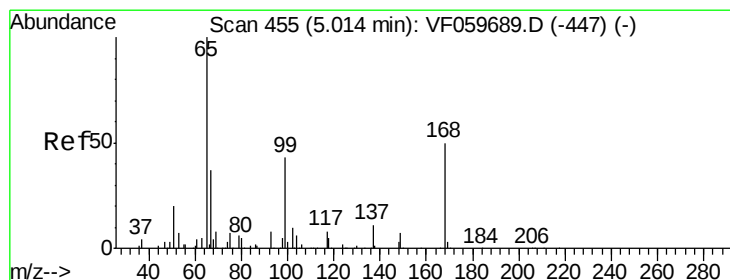
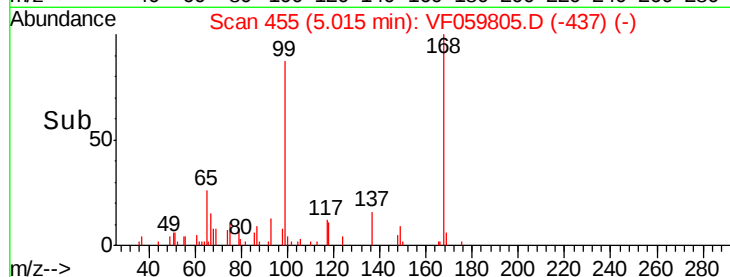
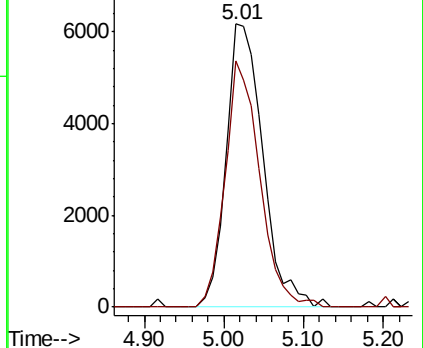
168 100

99 87.0 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 17.56 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059805.D

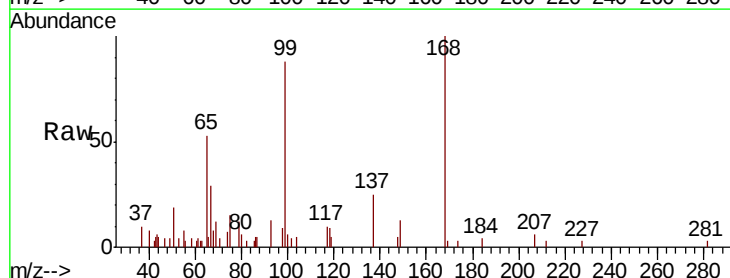
Acq: 2 Aug 2018 17:21

Tgt Ion: 65 Resp: 6289

Ion Ratio Lower Upper

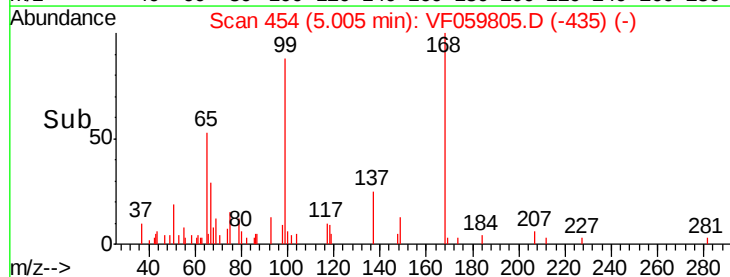
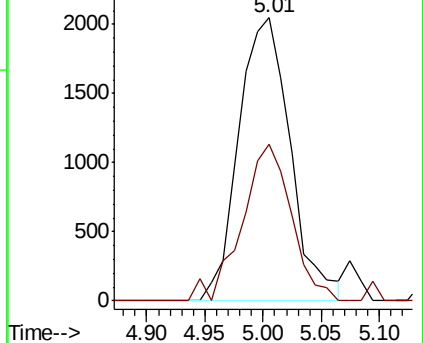
65 100

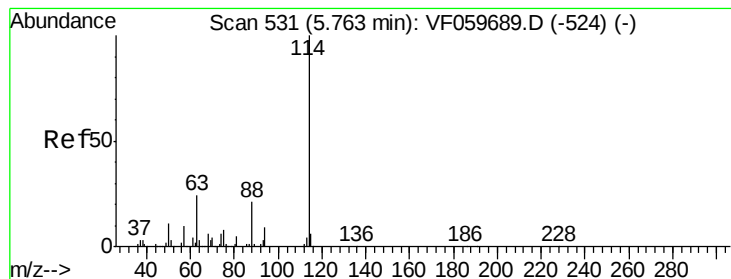
67 55.3 0.0 84.6



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: 5.74 min Scan# 529

Delta R.T. -0.02 min

Lab File: VF059805.D

Acq: 2 Aug 2018 17:21

Instrument :

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ClientSampleId :

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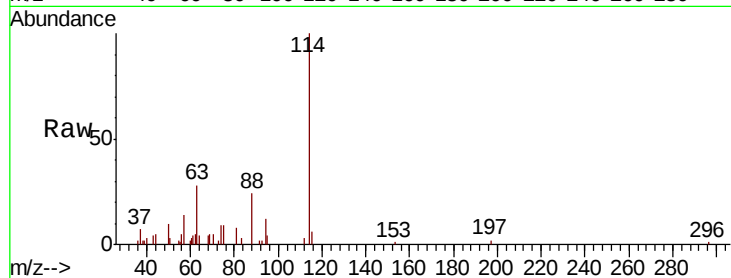
Tot Ion:114 Resp: 22568

Ion Ratio Lower Upper

114 100

63 28.1 0.0 47.4

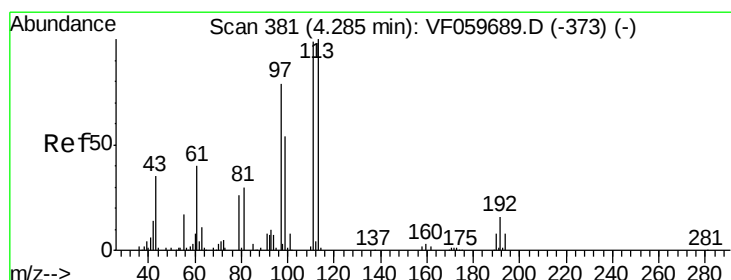
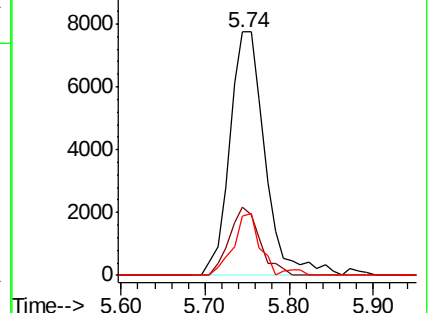
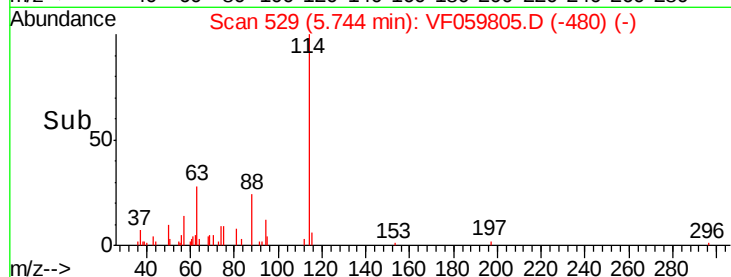
88 24.1 0.0 41.2



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: 31.01 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.02 min

Lab File: VF059805.D

Acq: 2 Aug 2018 17:21

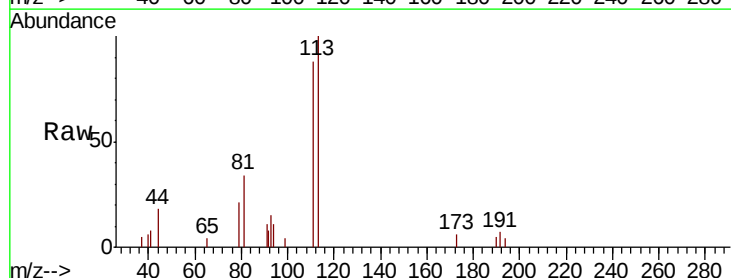
Tgt Ion:113 Resp: 7270

Ion Ratio Lower Upper

113 100

111 88.2 79.0 118.4

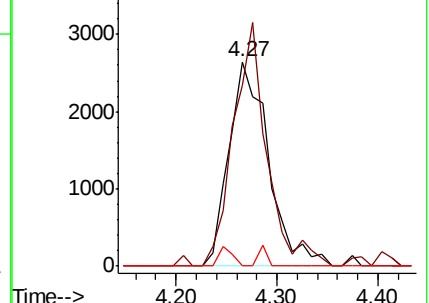
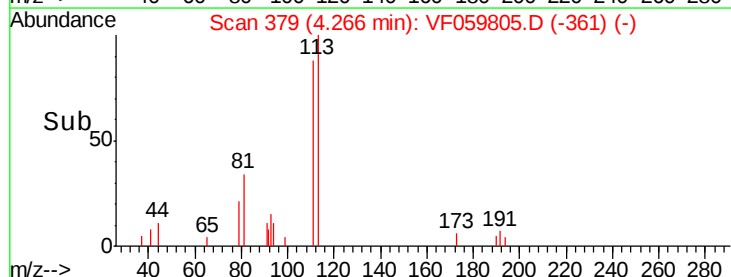
192 0.0 13.2 19.8#

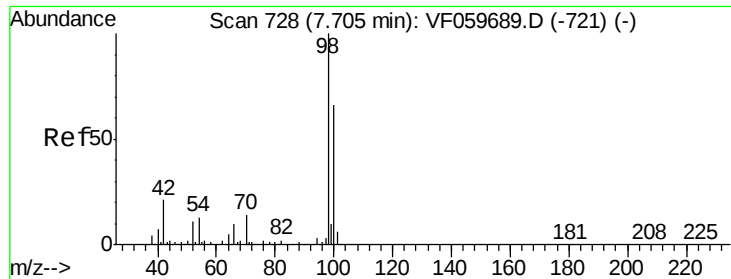


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

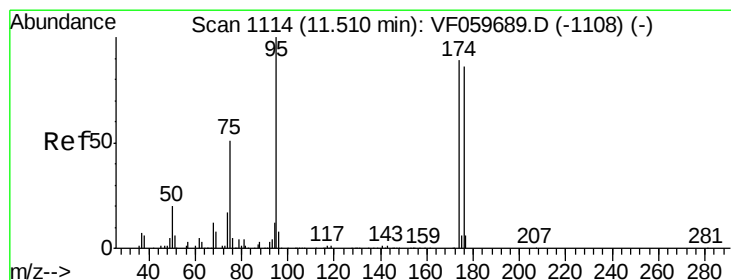
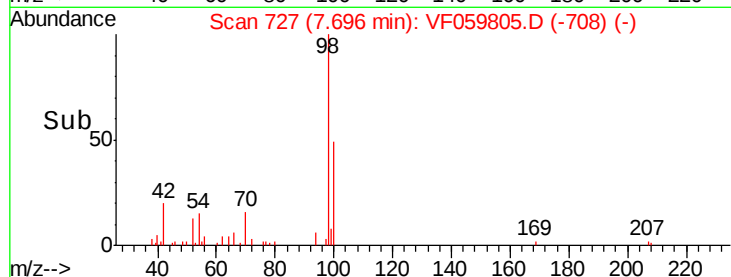
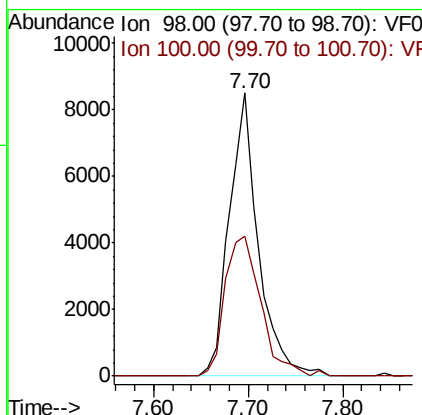
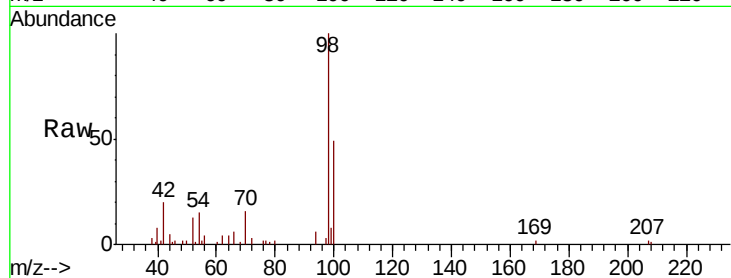




#50
Toluene-d8
Concen: 33.21 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF059805.D
Acq: 2 Aug 2018 17:21

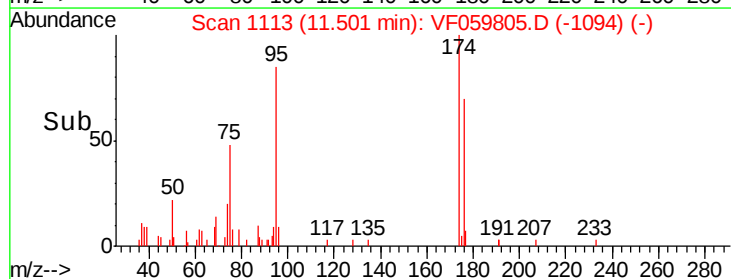
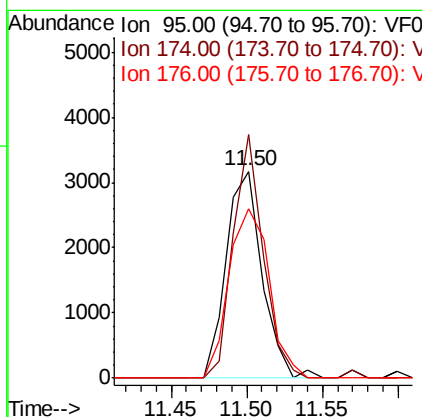
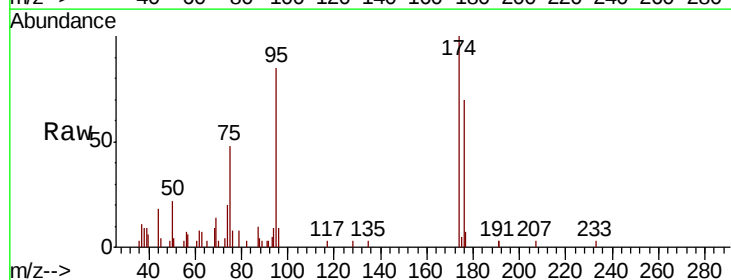
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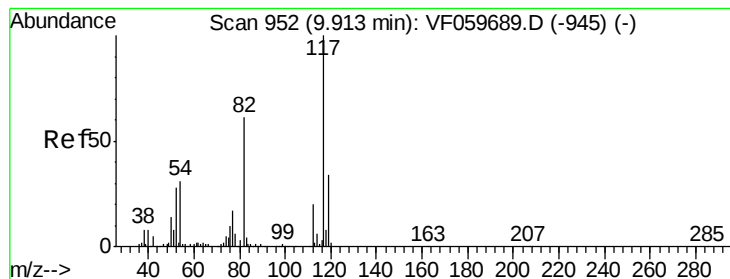
Tot Ion: 98 Resp: 18152
Ion Ratio Lower Upper
98 100
100 49.4 52.8 79.2#



#62
4-Bromofluorobenzene
Concen: 17.27 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059805.D
Acq: 2 Aug 2018 17:21

Tgt Ion: 95 Resp: 5225
Ion Ratio Lower Upper
95 100
174 117.9 0.0 178.4
176 82.2 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.90 min Scan# 951

Delta R.T. -0.01 min

Lab File: VF059805.D

Acq: 2 Aug 2018 17:21

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-7

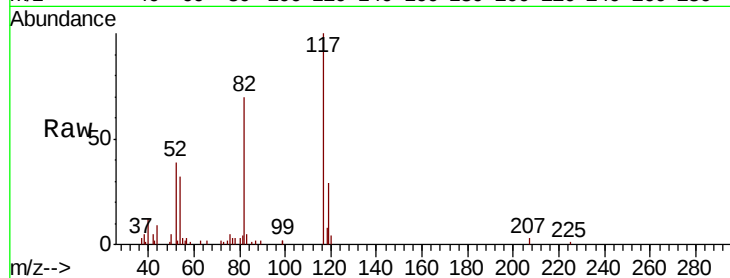
Tot Ion:117 Resp: 16511

Ion Ratio Lower Upper

117 100

82 69.8 49.0 73.4

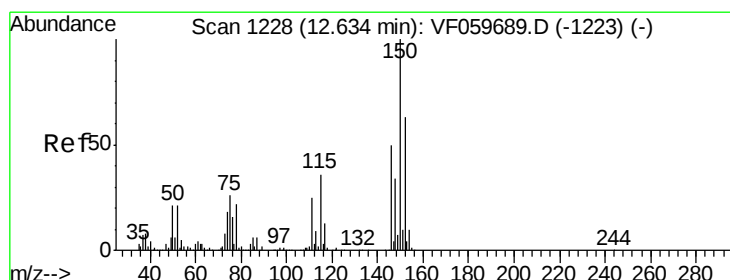
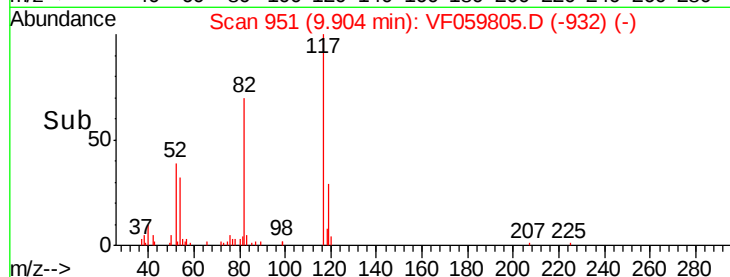
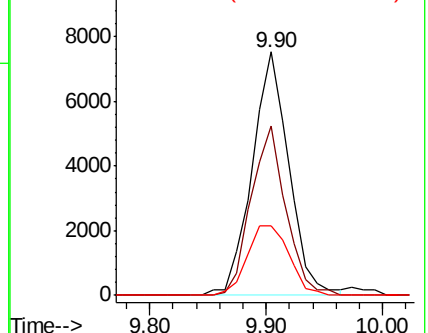
119 28.6 27.3 40.9



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: 12.62 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059805.D

Acq: 2 Aug 2018 17:21

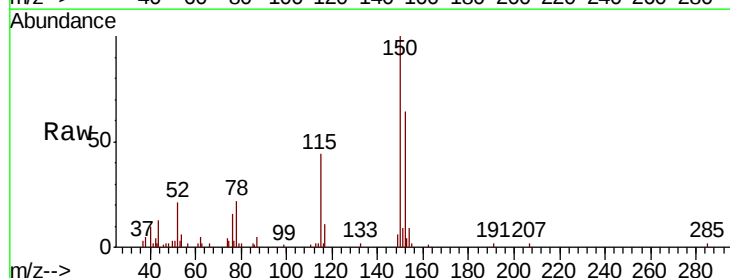
Tgt Ion:152 Resp: 6486

Ion Ratio Lower Upper

152 100

115 70.0 28.2 84.6

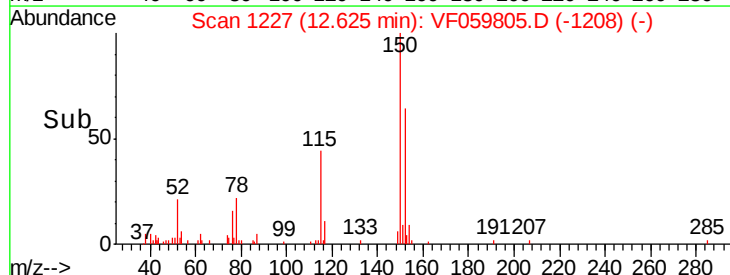
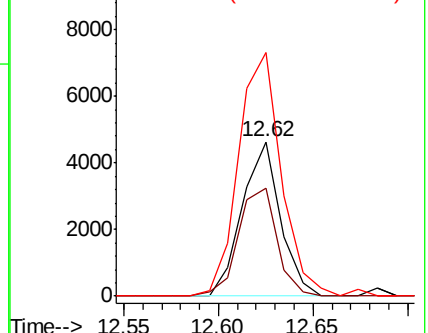
150 157.5 0.0 316.2

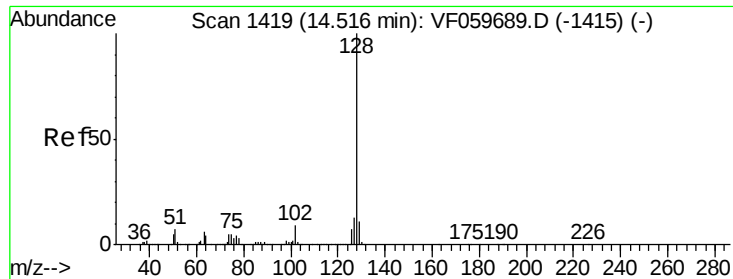


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#95
Naphthalene
Concen: 93.51 ug/l
RT: 14.51 min Scan# 1418
Delta R.T. -0.01 min
Lab File: VF059805.D
Acq: 2 Aug 2018 17:21

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

Tot Ion:128 Resp: 26148
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 10.5 8.6 13.0

