

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059760.D
 Acq On : 1 Aug 2018 17:28
 Operator : VA/AP
 Sample : J4231-05
 Misc : 5.05µ/5mL/MSVOA F/SOIL
 ALS Vial : 90 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-14-3

Quant Time: Aug 02 06:42:00 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	11033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	10477	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	7969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	3504	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	2773	13.98	ug/l	0.00
Spiked Amount			Recovery	=	27.96%	
35) Dibromofluoromethane	4.29	113	2940	27.02	ug/l	0.00
Spiked Amount			Recovery	=	54.04%	
50) Toluene-d8	7.70	98	9471	37.32	ug/l	0.00
Spiked Amount			Recovery	=	74.64%	
62) 4-Bromofluorobenzene	11.51	95	2410	17.16	ug/l	0.00
Spiked Amount			Recovery	=	34.32%	

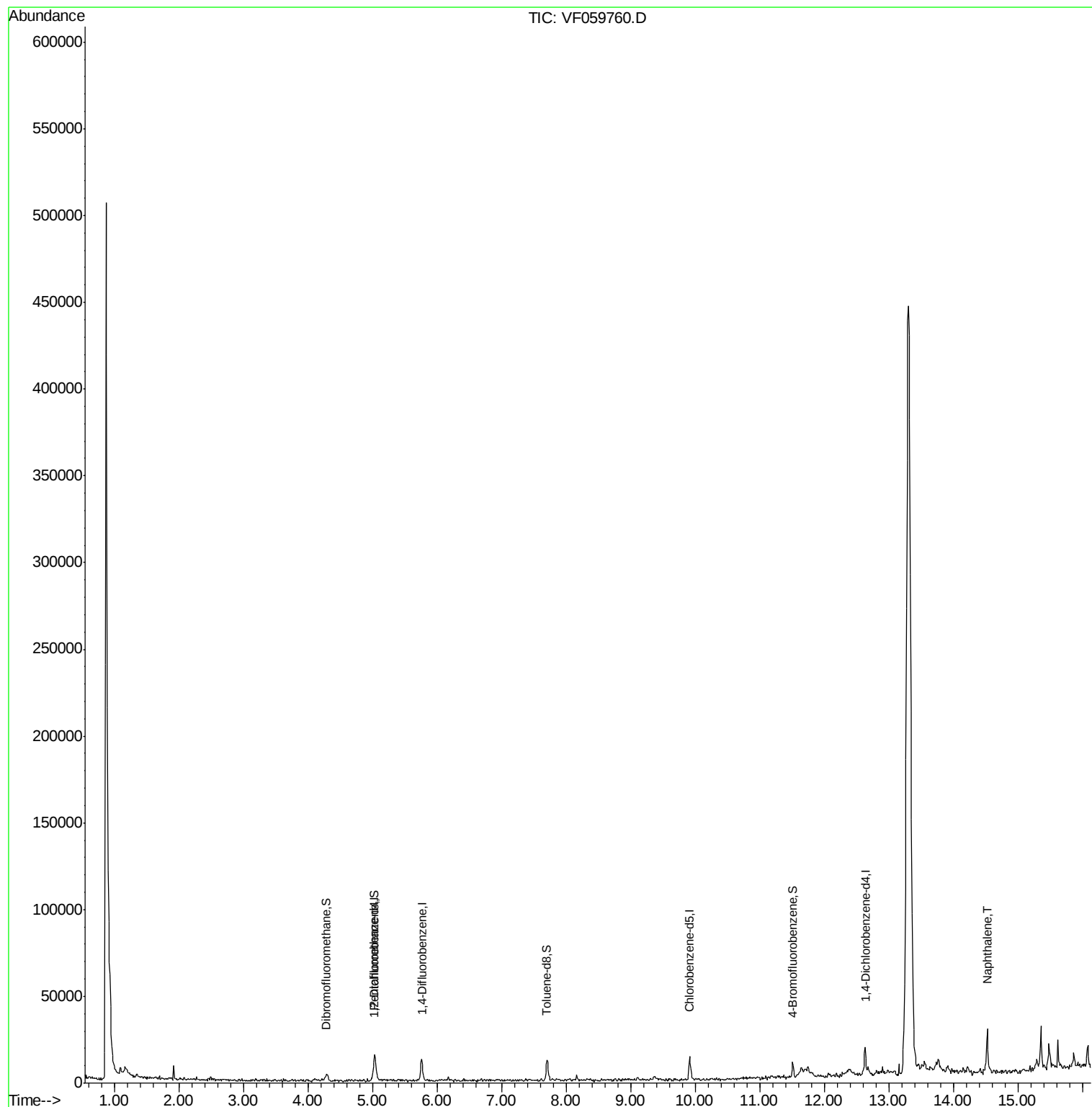
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
95) Naphthalene	14.52	128	22016	145.73	ug/l #	91

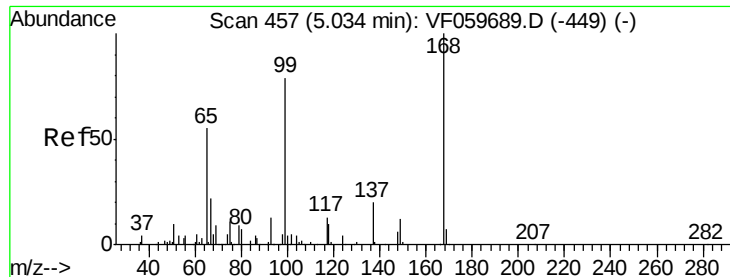
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080118\
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Misc : 5.05g/5mL/MSVOA F/SOIL
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Instrument :
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ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

Quant Time: Aug 02 06:42:00 2018
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: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

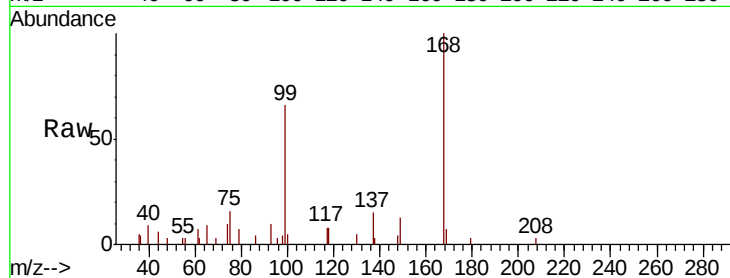
2018-NYSEG-CLARK-AREA-14-3

Tot Ion:168 Resp: 11033

Ion Ratio Lower Upper

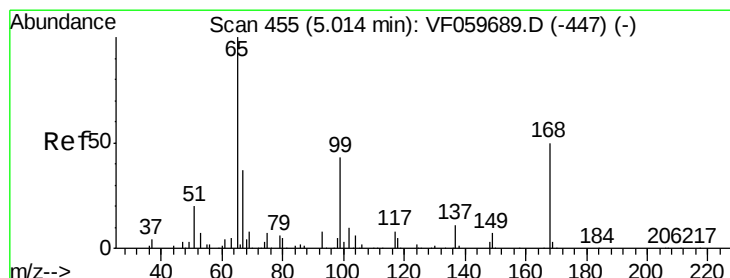
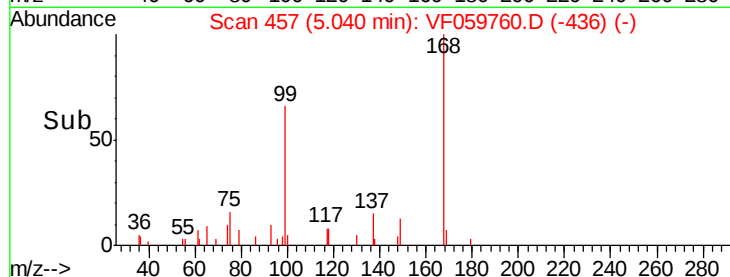
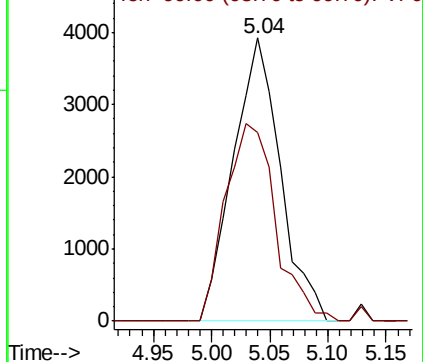
168 100

99 66.4 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: 13.98 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.00 min

Lab File: VF059760.D

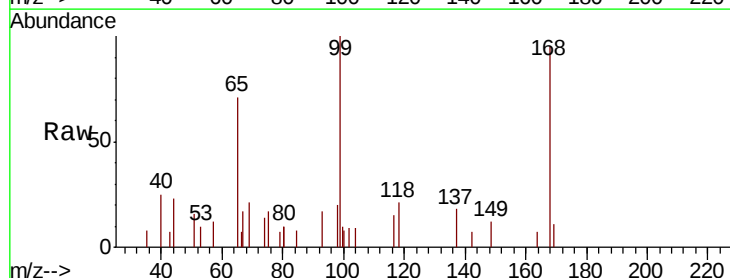
Acq: 1 Aug 2018 17:28

Tgt Ion: 65 Resp: 2773

Ion Ratio Lower Upper

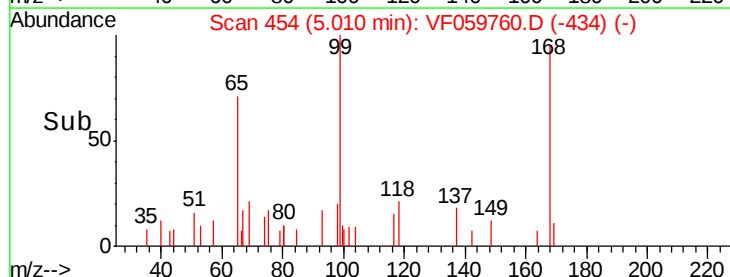
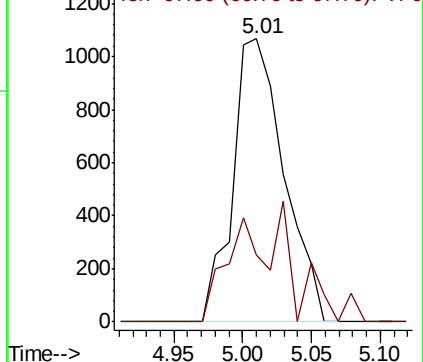
65 100

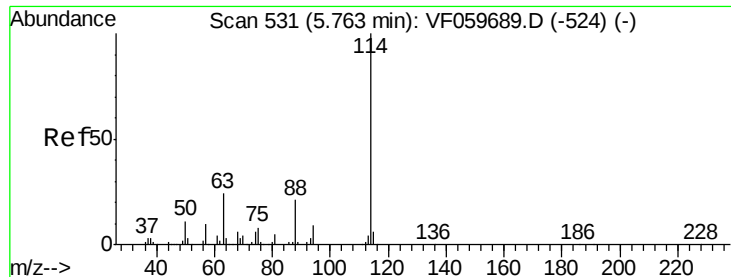
67 23.7 0.0 84.6



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: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

2018-NYSEG-CLARK-AREA-14-3

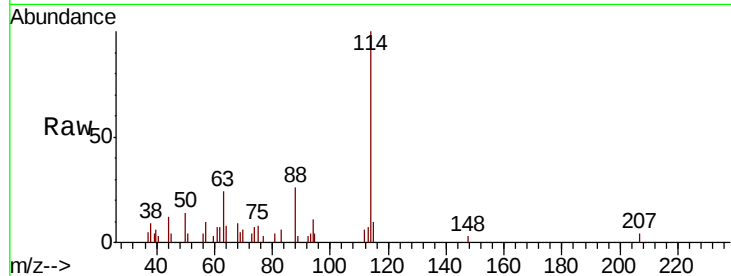
Tot Ion:114 Resp: 10477

Ion Ratio Lower Upper

114 100

63 24.5 0.0 47.4

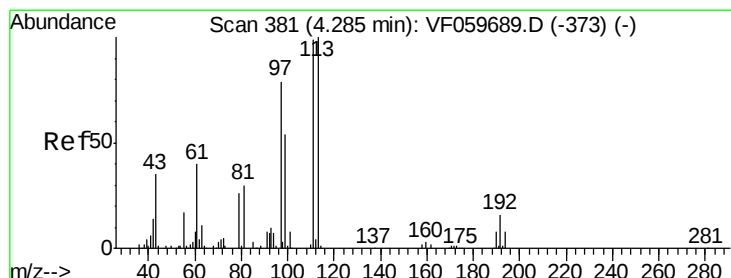
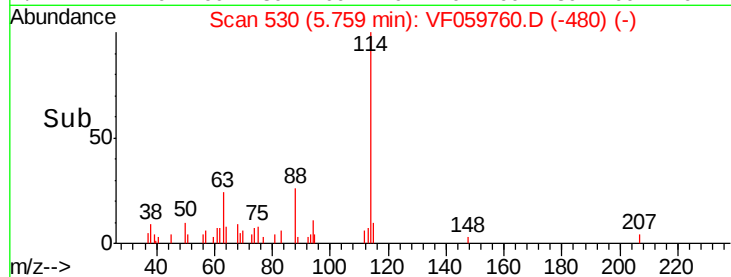
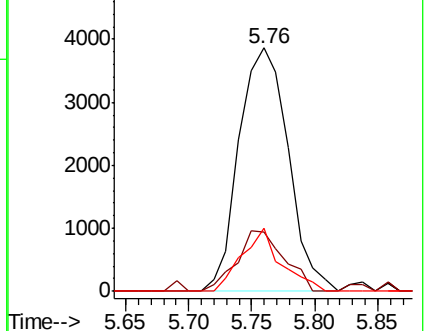
88 26.2 0.0 41.2



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: 27.02 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

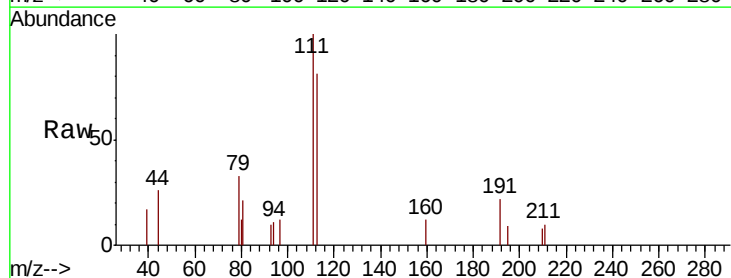
Tgt Ion:113 Resp: 2940

Ion Ratio Lower Upper

113 100

111 124.1 79.0 118.4#

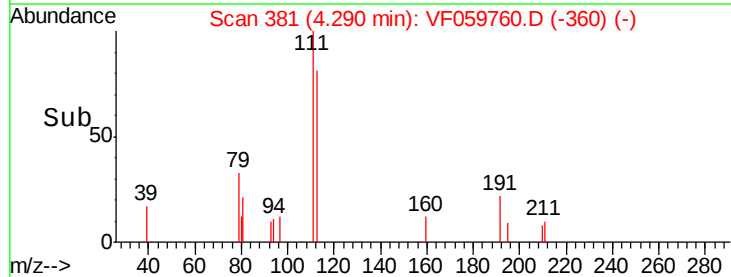
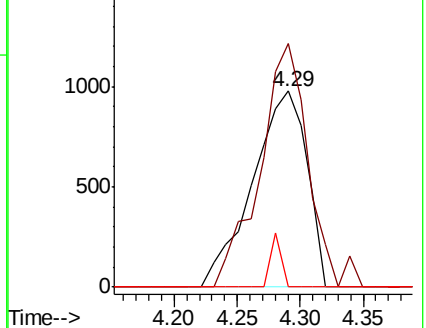
192 0.0 13.2 19.8#

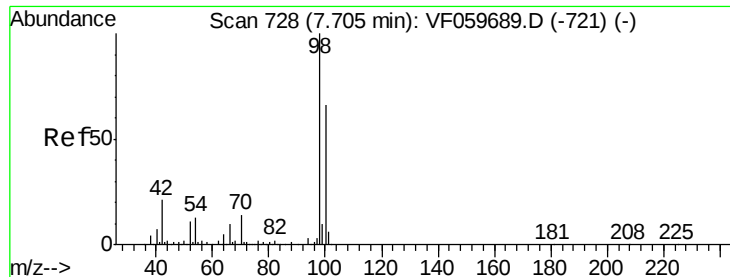


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 37.32 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.00 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

Instrument :

MSVOA_F

ClientSampleId :

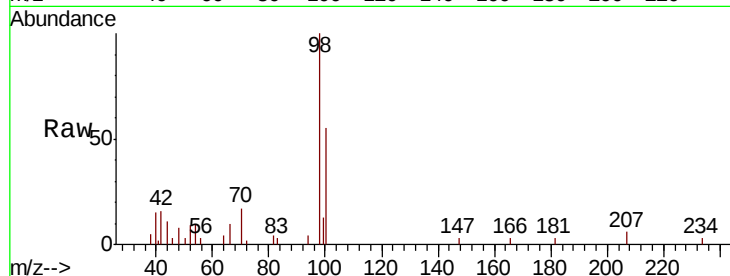
2018-NYSEG-CLARK-AREA-14-3

Tot Ion: 98 Resp: 9471

Ion Ratio Lower Upper

98 100

100 54.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.70

4000

3000

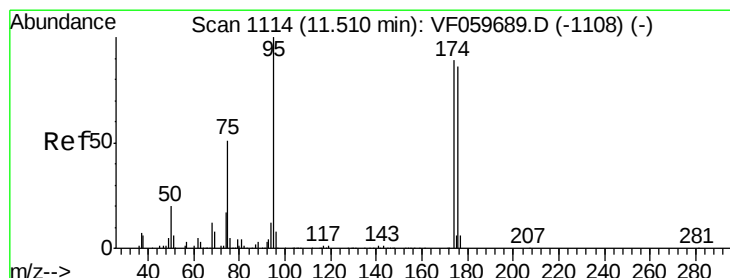
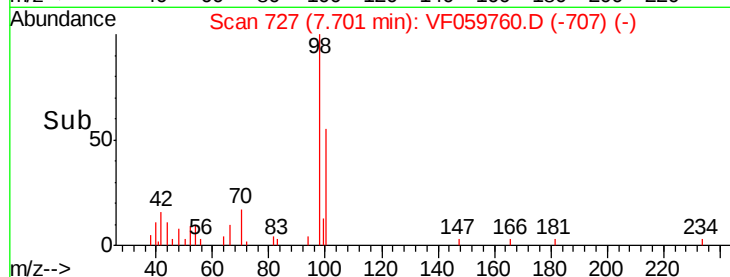
2000

1000

0

Time-->

7.60 7.65 7.70 7.75 7.80



#62

4-Bromofluorobenzene

Concen: 17.16 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VF059760.D

Acq: 1 Aug 2018 17:28

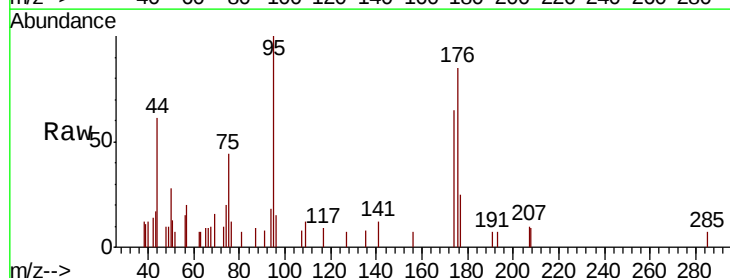
Tgt Ion: 95 Resp: 2410

Ion Ratio Lower Upper

95 100

174 65.1 0.0 178.4

176 84.9 0.0 173.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

2000

1500

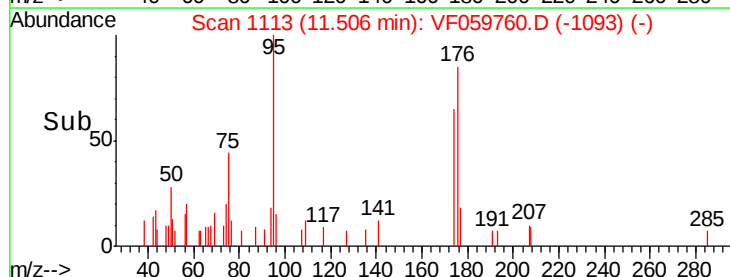
1000

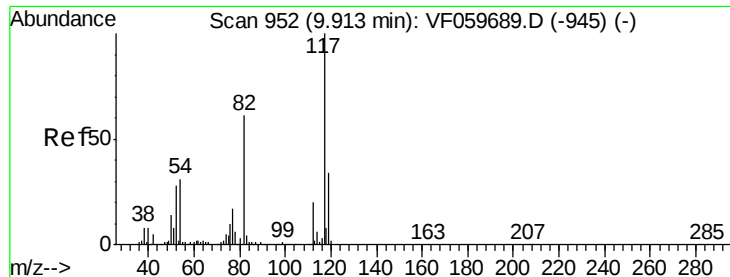
500

0

Time-->

11.45 11.50 11.55

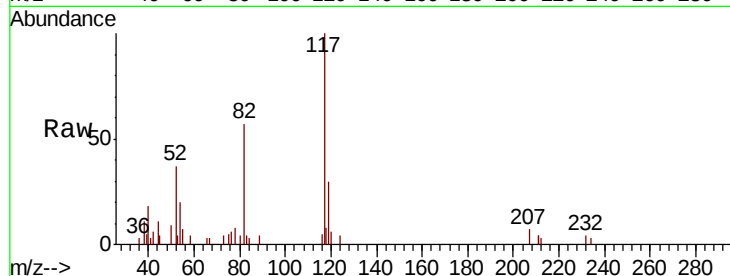




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059760.D
Acq: 1 Aug 2018 17:28

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	49.0	73.4
119	30.5	27.3	40.9

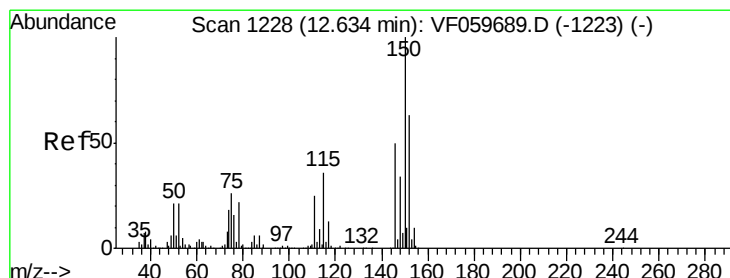
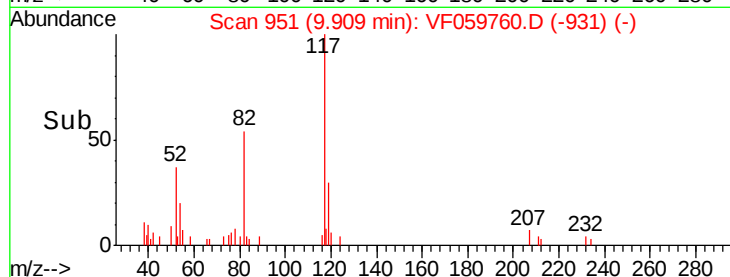
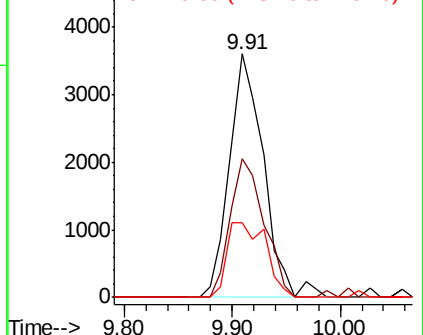


Abundance

Ion 117.00 (116.70 to 117.70): V

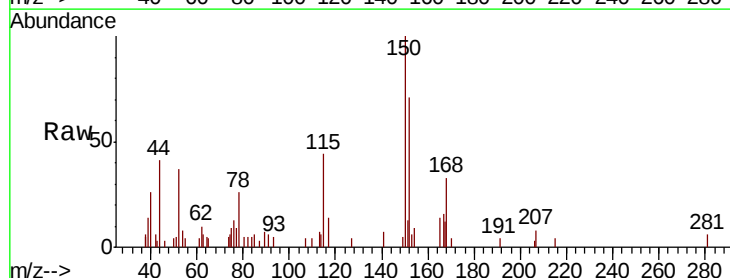
Ion 82.00 (81.70 to 82.70): VF0

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: VF059760.D
Acq: 1 Aug 2018 17:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.0	28.2	84.6
150	141.5	0.0	316.2

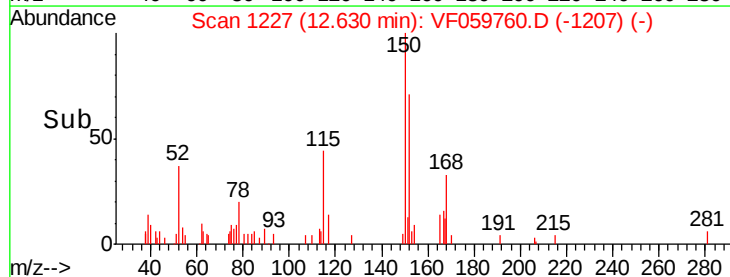
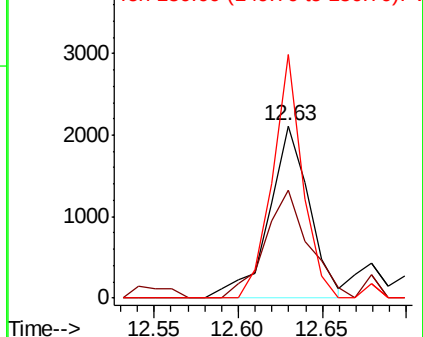


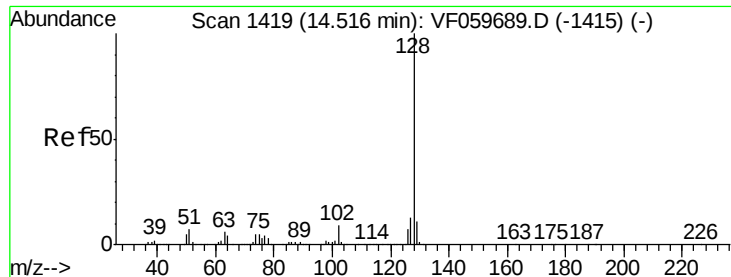
Abundance

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

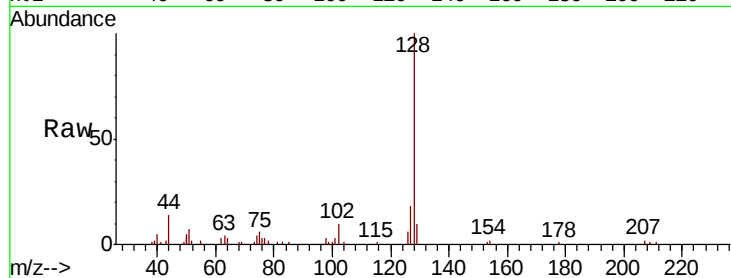




#95
Naphthalene
Concen: 145.73 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.01 min
Lab File: VF059760.D
Acq: 1 Aug 2018 17:28

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

Tot Ion	Ratio	Lower	Upper
128	100		
127	18.4	10.0	15.0
129	9.8	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

