

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059789.D
 Acq On : 2 Aug 2018 9:19
 Operator : VA/AP
 Sample : J4231-05
 Misc : 5.03g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

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

Quant Time: Aug 02 11:33:58 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

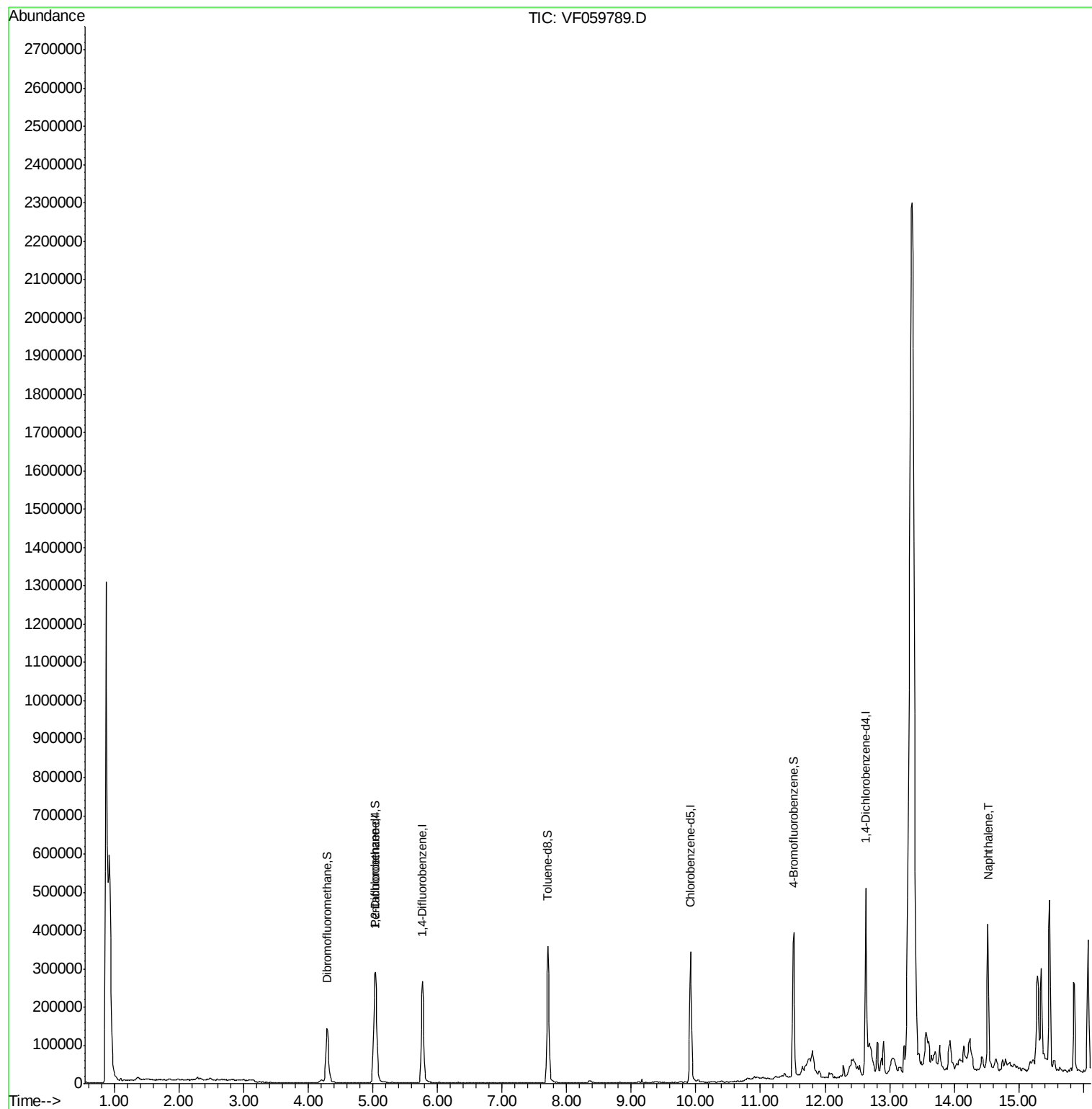
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	184289	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	259360	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	221233	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	143060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	149838	45.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.48%	
35) Dibromofluoromethane	4.29	113	130984	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
50) Toluene-d8	7.71	98	279073	44.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.84%	
62) 4-Bromofluorobenzene	11.51	95	142557	40.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.98%	
Target Compounds						
95) Naphthalene	14.52	128	252658	40.96	ug/l	Qvalue 97

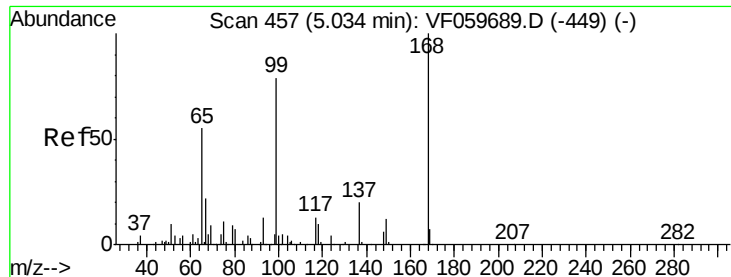
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059789.D

Acq: 2 Aug 2018 9:19

Instrument :

MSVOA_F

ClientSampleId :

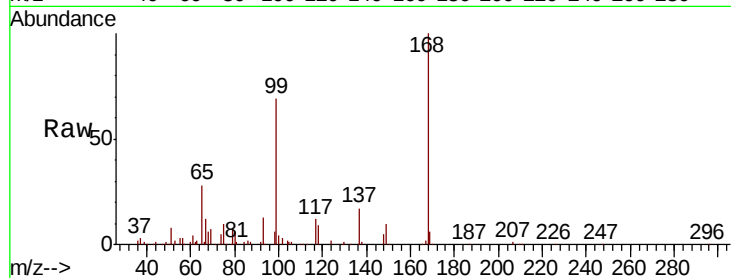
2018-NYSEG-CLARK-AREA-14-3

Tot Ion:168 Resp: 184289

Ion Ratio Lower Upper

168 100

99 69.1 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

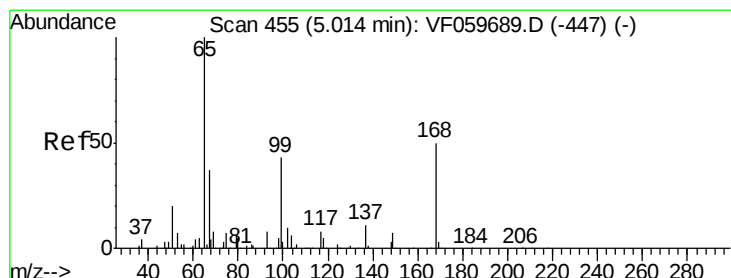
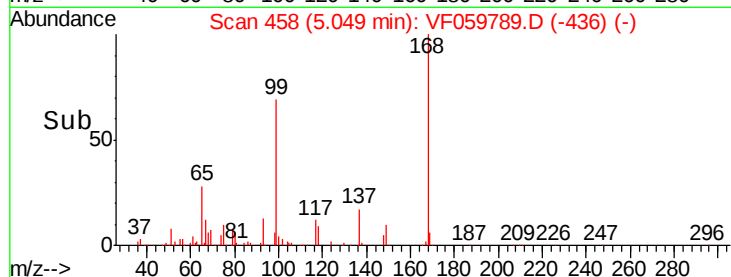
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 45.24 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059789.D

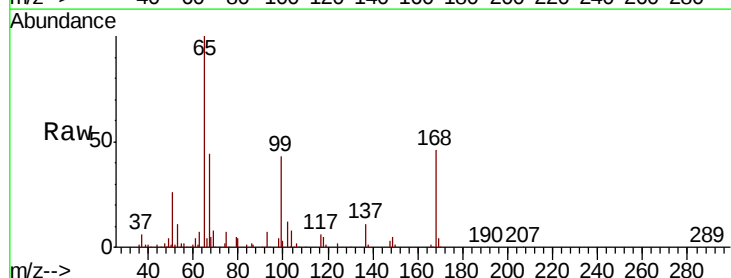
Acq: 2 Aug 2018 9:19

Tgt Ion: 65 Resp: 149838

Ion Ratio Lower Upper

65 100

67 43.7 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

50000

40000

30000

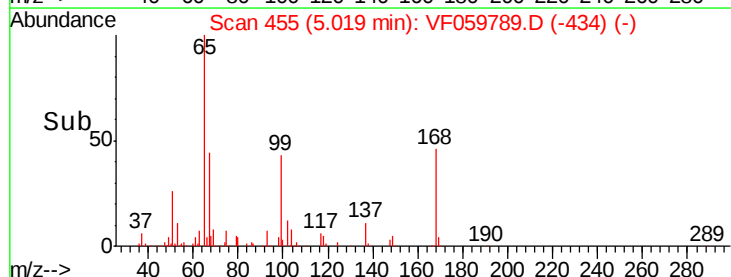
20000

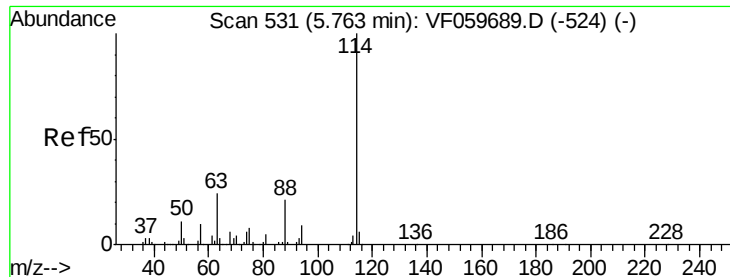
10000

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. 0.01 min

Lab File: VF059789.D

Acq: 2 Aug 2018 9:19

Instrument :

MSVOA_F

ClientSampleId :

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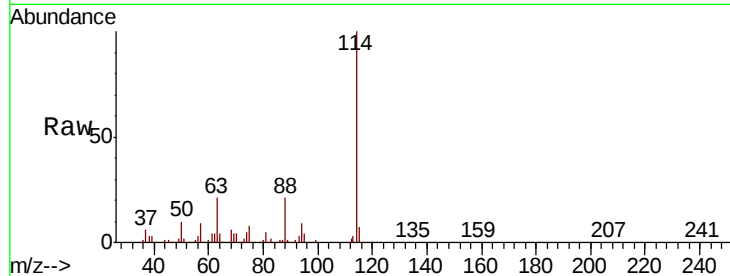
Tot Ion:114 Resp: 259360

Ion Ratio Lower Upper

114 100

63 21.1 0.0 47.4

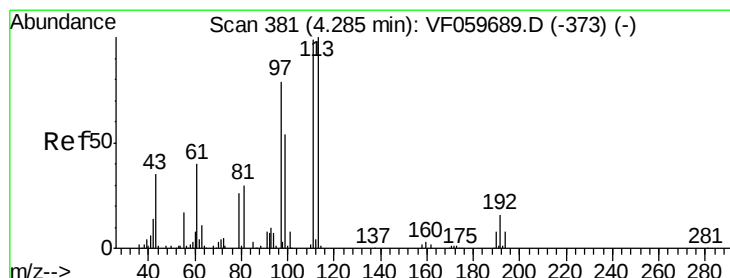
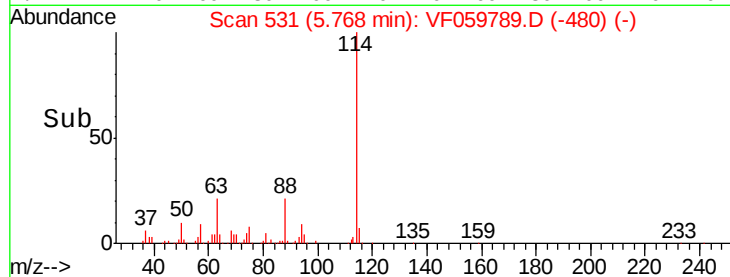
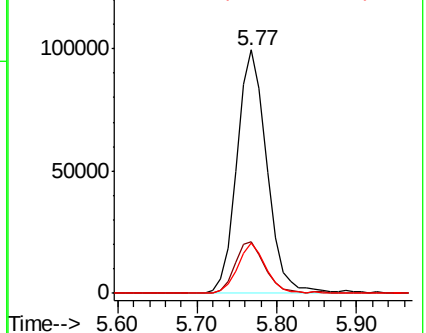
88 20.7 0.0 41.2



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: 48.62 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059789.D

Acq: 2 Aug 2018 9:19

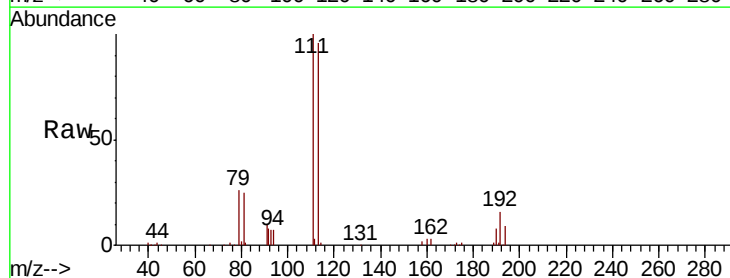
Tgt Ion:113 Resp: 130984

Ion Ratio Lower Upper

113 100

111 107.4 79.0 118.4

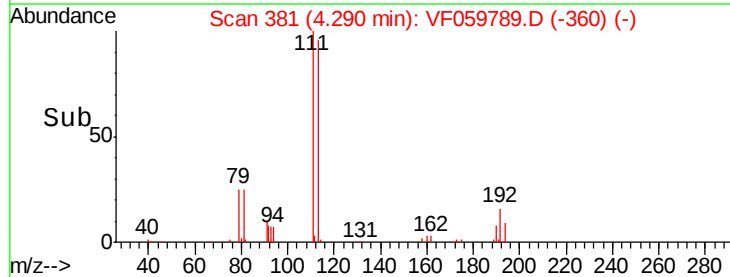
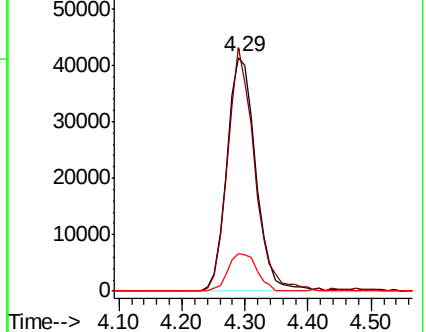
192 16.3 13.2 19.8

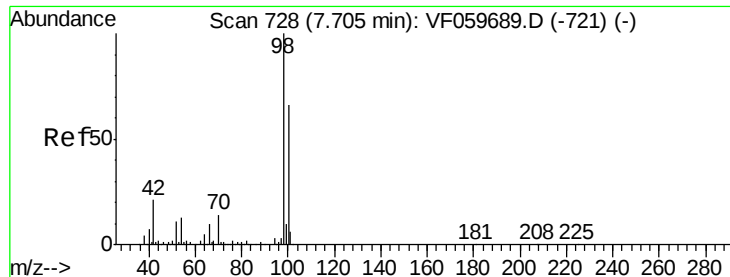


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 44.42 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059789.D

Acq: 2 Aug 2018 9:19

Instrument :

MSVOA_F

ClientSampleId :

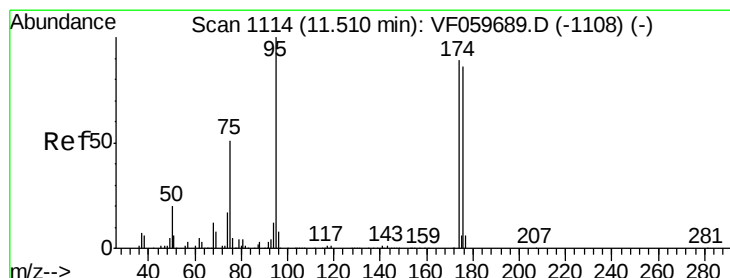
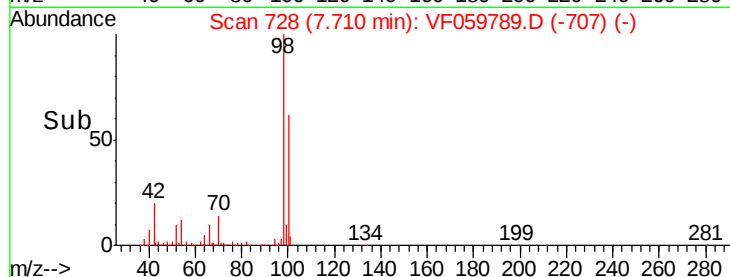
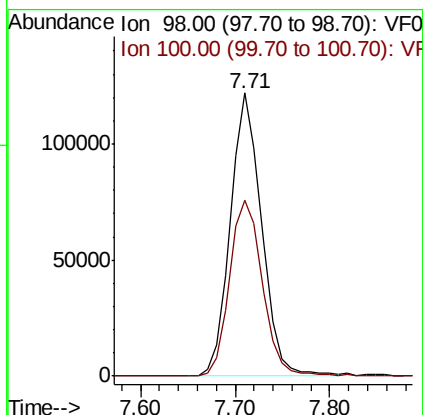
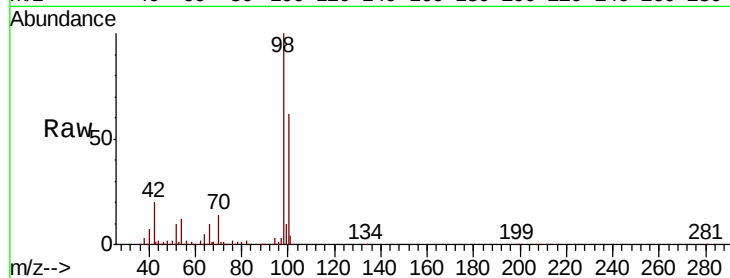
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Tot Ion: 98 Resp: 279073

Ion Ratio Lower Upper

98 100

100 62.1 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 40.99 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VF059789.D

Acq: 2 Aug 2018 9:19

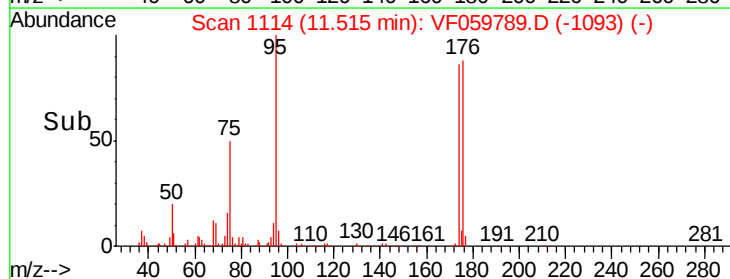
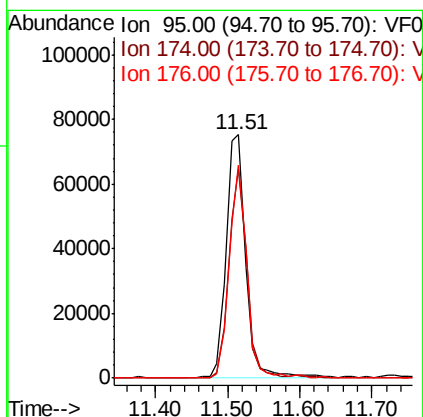
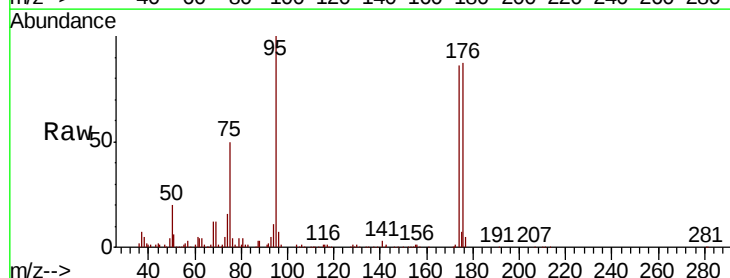
Tgt Ion: 95 Resp: 142557

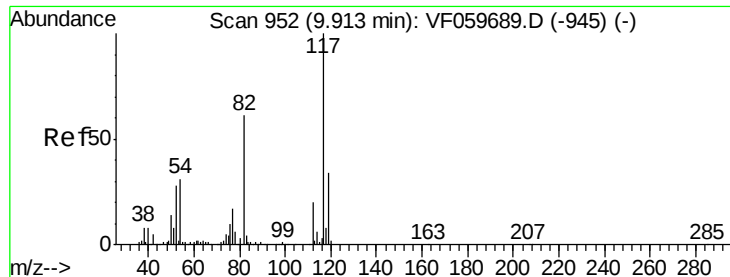
Ion Ratio Lower Upper

95 100

174 85.7 0.0 178.4

176 87.2 0.0 173.0

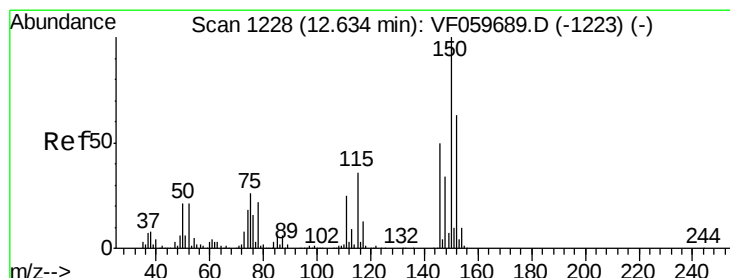
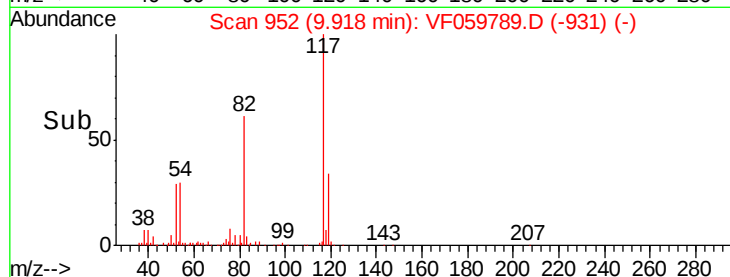
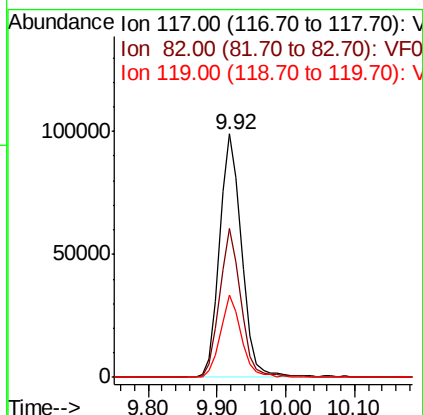
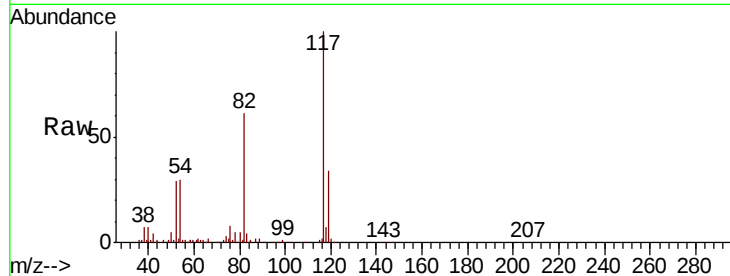




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059789.D
Acq: 2 Aug 2018 9:19

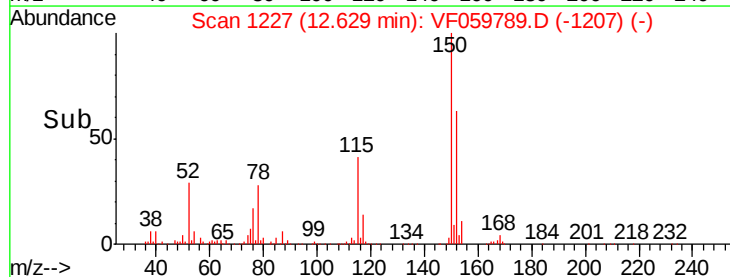
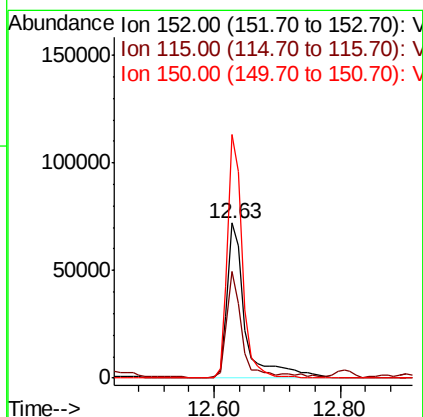
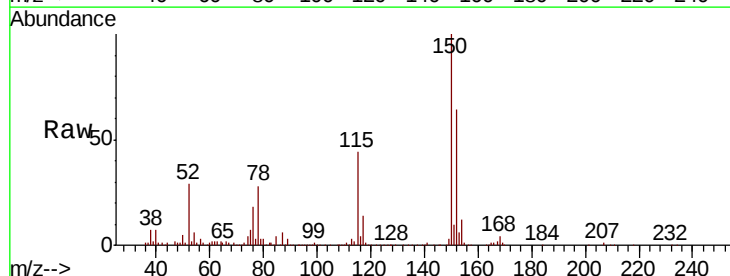
Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-14-3

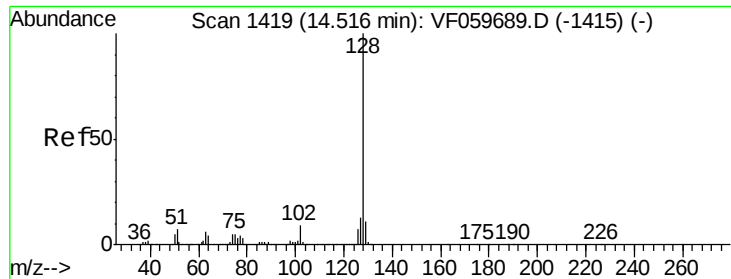
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	49.0	73.4
119	33.8	27.3	40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059789.D
Acq: 2 Aug 2018 9:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.7	28.2	84.6
150	157.0	0.0	316.2





#95
Naphthalene
Concen: 40.96 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.01 min
Lab File: VF059789.D
Acq: 2 Aug 2018 9:19

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

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.0	15.0
129	11.7	8.6	13.0

