

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059756.D
 Acq On : 1 Aug 2018 15:38
 Operator : VA/AP
 Sample : J4126-03RE
 Misc : 5.06g/5mL/MSVOA F/SOIL
 ALS Vial : 88 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-12RE

Quant Time: Aug 01 16:16:33 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	185092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	259810	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	213383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	92485	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	152926	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
35) Dibromofluoromethane	4.29	113	121276	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
50) Toluene-d8	7.72	98	216821	34.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.92%	
62) 4-Bromofluorobenzene	11.51	95	89134	25.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.18%	

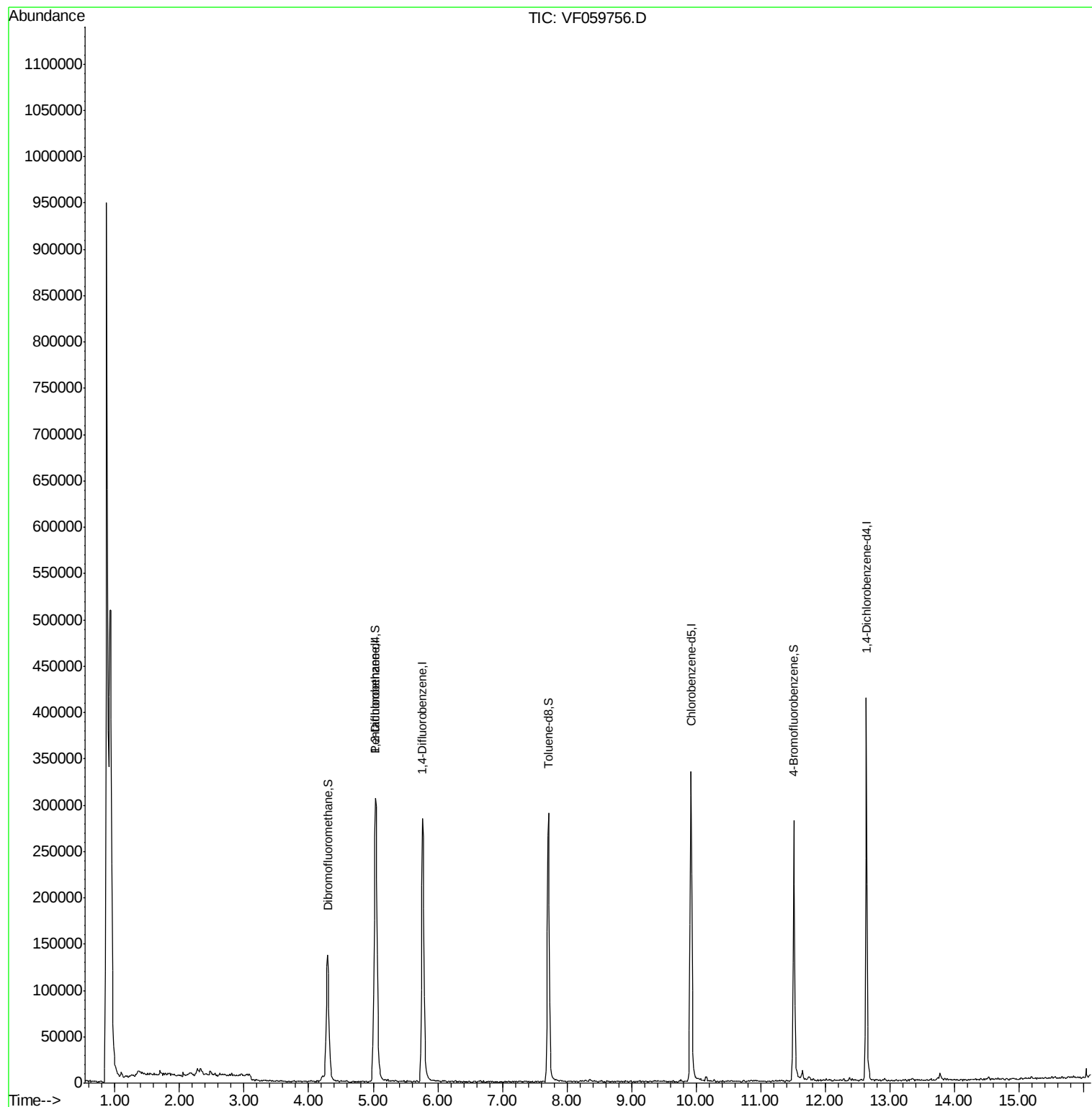
Target Compounds	Qvalue
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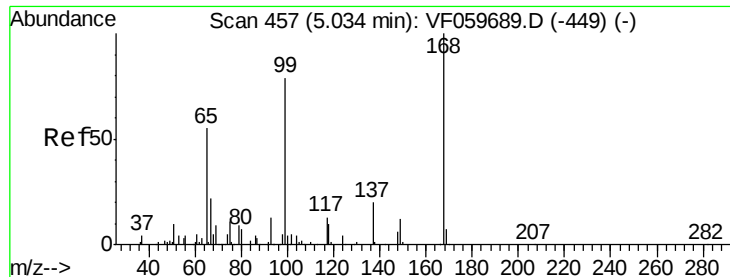
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059756.D

Acq: 1 Aug 2018 15:38

Instrument :

MSVOA_F

ClientSampleId :

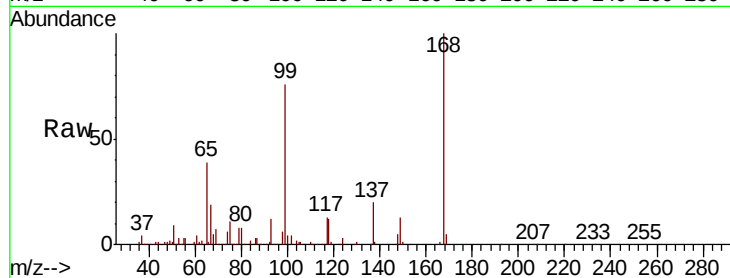
2018-NYSEG-CLARK-AREA-12RE

Tot Ion:168 Resp: 185092

Ion Ratio Lower Upper

168 100

99 76.3 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

60000

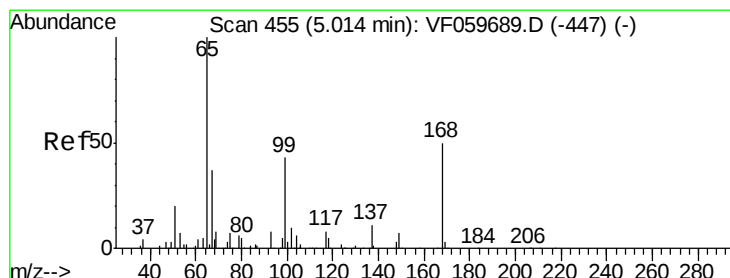
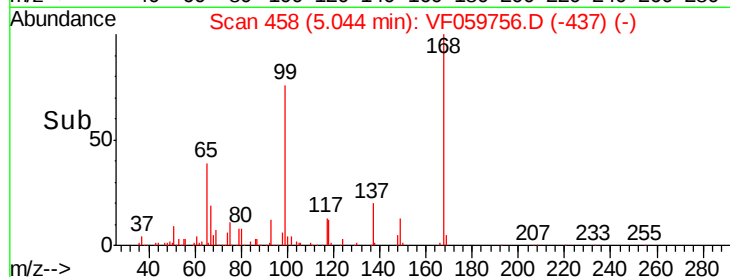
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 45.97 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF059756.D

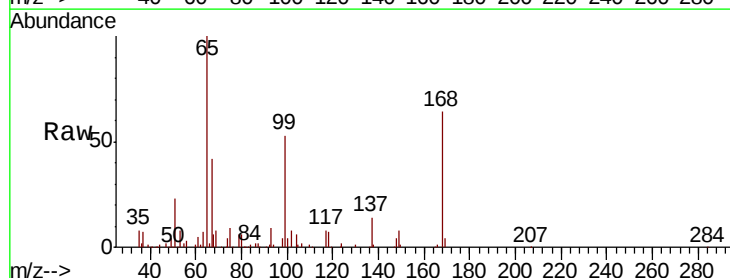
Acq: 1 Aug 2018 15:38

Tgt Ion: 65 Resp: 152926

Ion Ratio Lower Upper

65 100

67 41.9 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

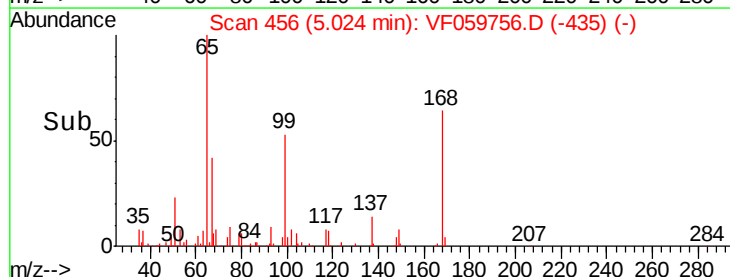
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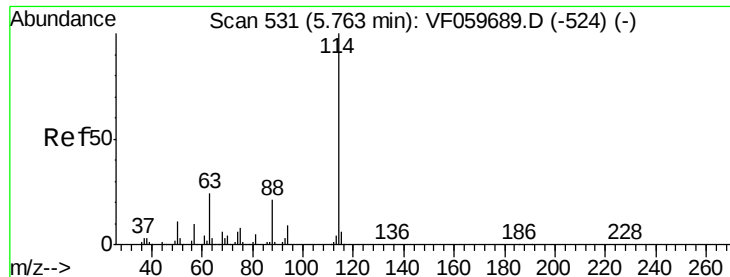
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Time-->

4.90 5.00 5.10 5.20

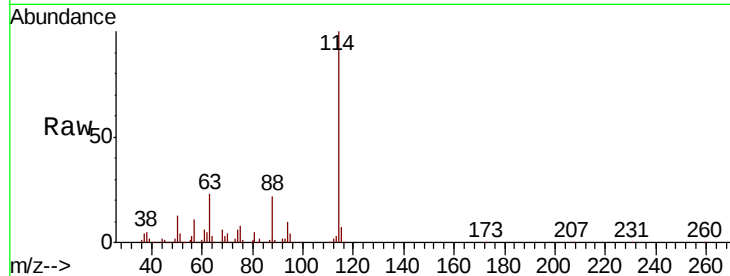




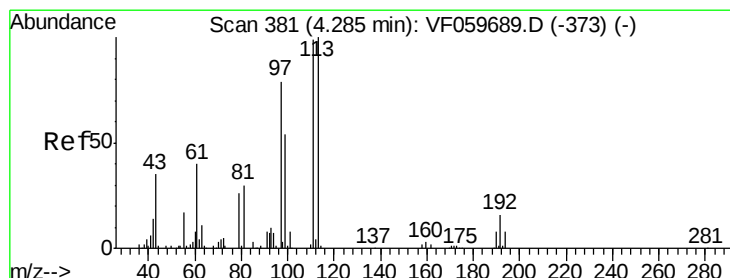
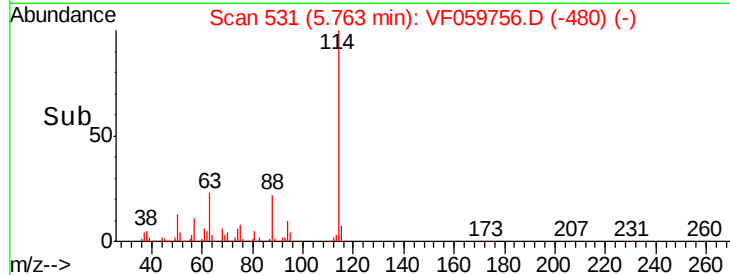
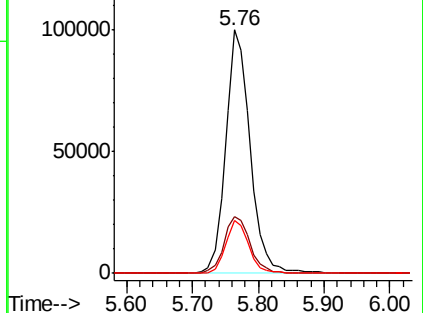
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VF059756.D
 Acq: 1 Aug 2018 15:38

Instrument :
 MSVOA_F
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-12RE

Tot Ion:	114	Resp:	259810
Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	47.4
88	21.6	0.0	41.2

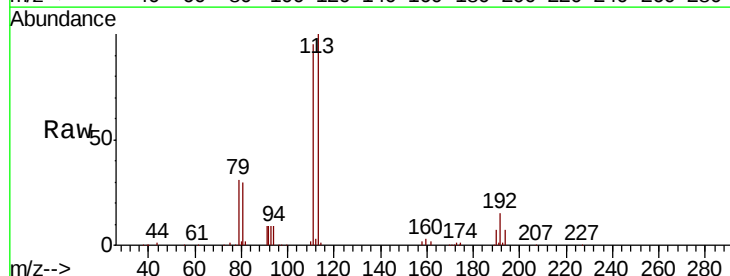


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

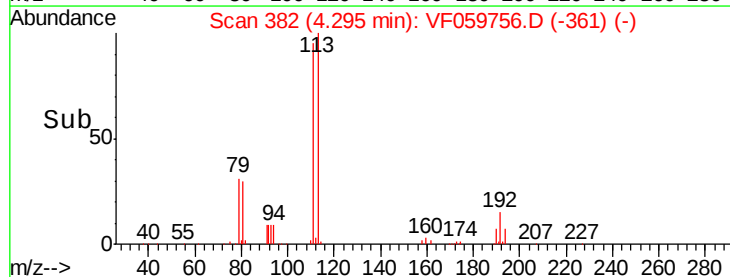
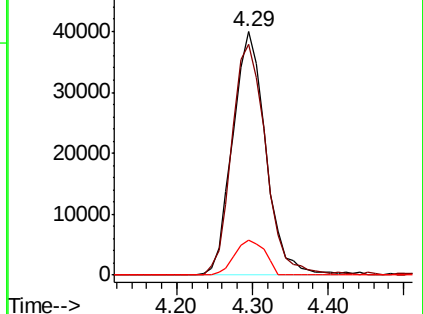


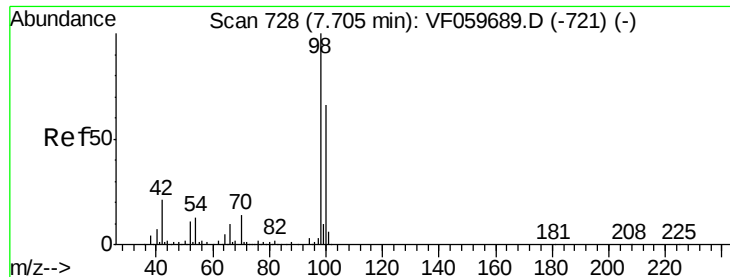
#35
 Dibromofluoromethane
 Concen: 44.94 ug/l
 RT: 4.29 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VF059756.D
 Acq: 1 Aug 2018 15:38

Tgt Ion:	113	Resp:	121276
Ion	Ratio	Lower	Upper
113	100		
111	94.8	79.0	118.4
192	14.5	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: 34.46 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.01 min

Lab File: VF059756.D

Acq: 1 Aug 2018 15:38

Instrument :

MSVOA_F

ClientSampleId :

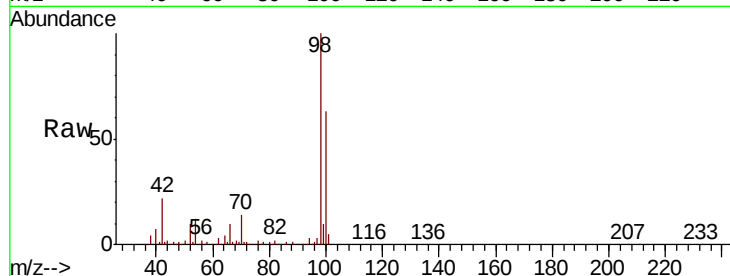
2018-NYSEG-CLARK-AREA-12RE

Tot Ion: 98 Resp: 216821

Ion Ratio Lower Upper

98 100

100 62.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.72

100000

80000

60000

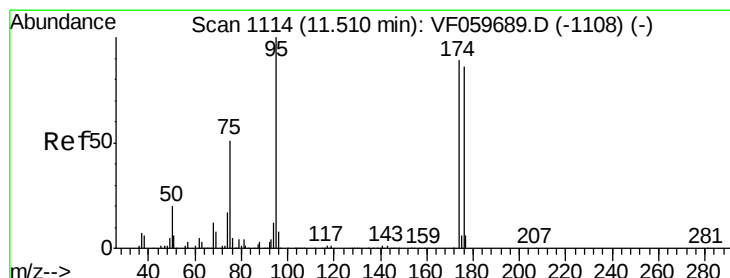
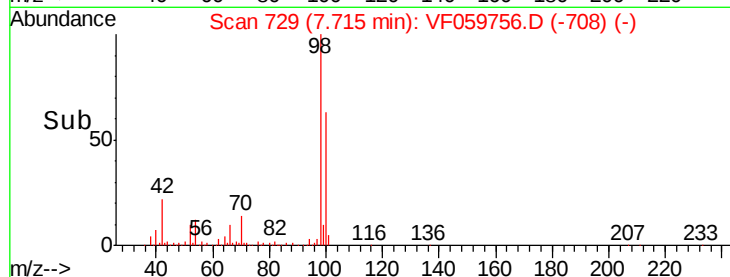
40000

20000

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Time-->

7.60 7.70 7.80



#62

4-Bromofluorobenzene

Concen: 25.59 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059756.D

Acq: 1 Aug 2018 15:38

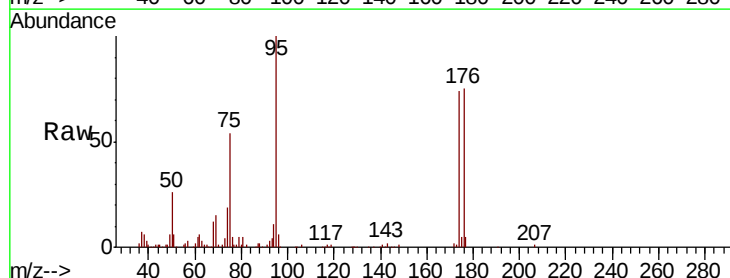
Tgt Ion: 95 Resp: 89134

Ion Ratio Lower Upper

95 100

174 74.4 0.0 178.4

176 75.0 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

60000

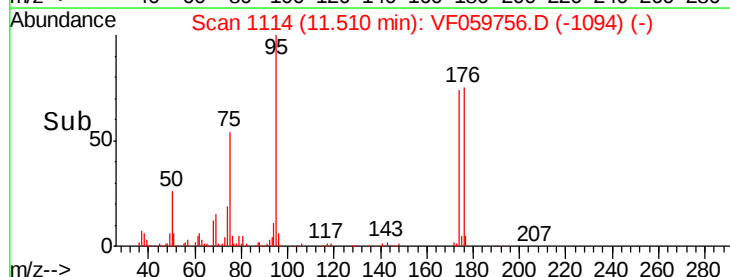
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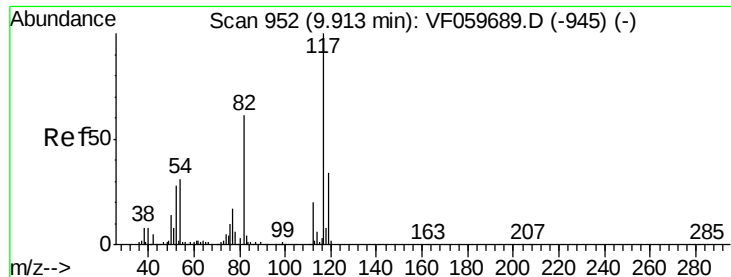
20000

0

Time-->

11.40 11.50 11.60

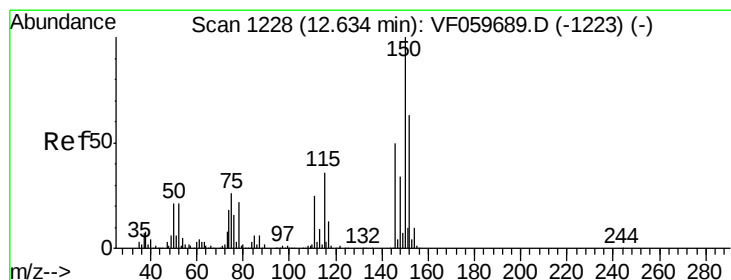
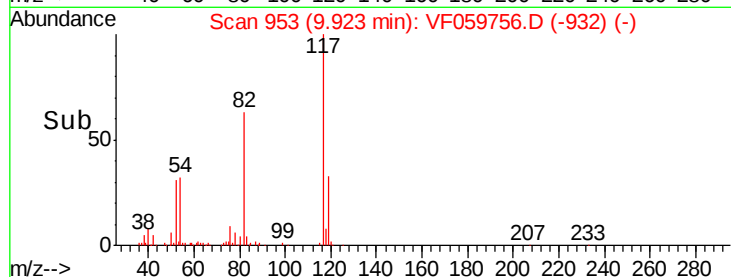
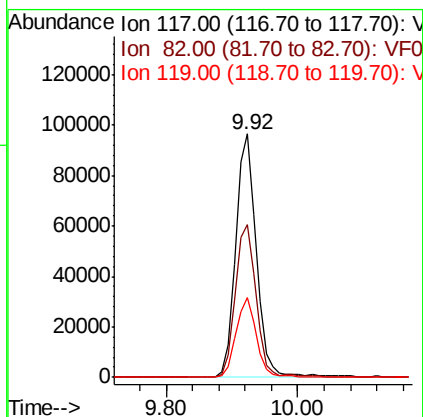
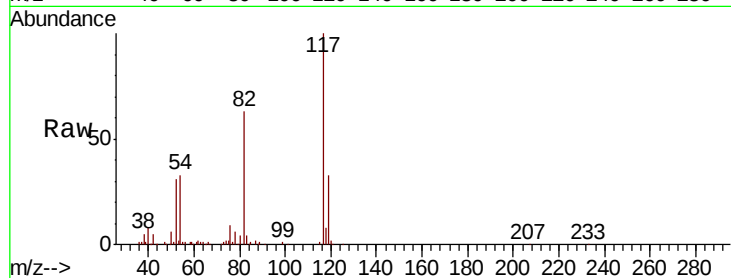




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF059756.D
Acq: 1 Aug 2018 15:38

Instrument :
MSVOA_F
ClientSampleId :
2018-NYSEG-CLARK-AREA-12RE

Tot Ion:117 Resp: 213383
Ion Ratio Lower Upper
117 100
82 62.6 49.0 73.4
119 32.7 27.3 40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059756.D
Acq: 1 Aug 2018 15:38

Tgt Ion:152 Resp: 92485
Ion Ratio Lower Upper
152 100
115 66.1 28.2 84.6
150 158.2 0.0 316.2

