

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062718\
 Data File : VF059350.D
 Acq On : 27 Jun 2018 20:22
 Operator : VA/AP
 Sample : J3677-10
 Misc : 5.04g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 147-149-B2(6-8)

Quant Time: Jun 28 02:31:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	6097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	6299	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	5039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	1490	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	1121	14.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	28.46%	
35) Dibromofluoromethane	4.28	113	1682	36.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.10%	
50) Toluene-d8	7.70	98	5058	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
62) 4-Bromofluorobenzene	11.50	95	1304	20.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.58%	

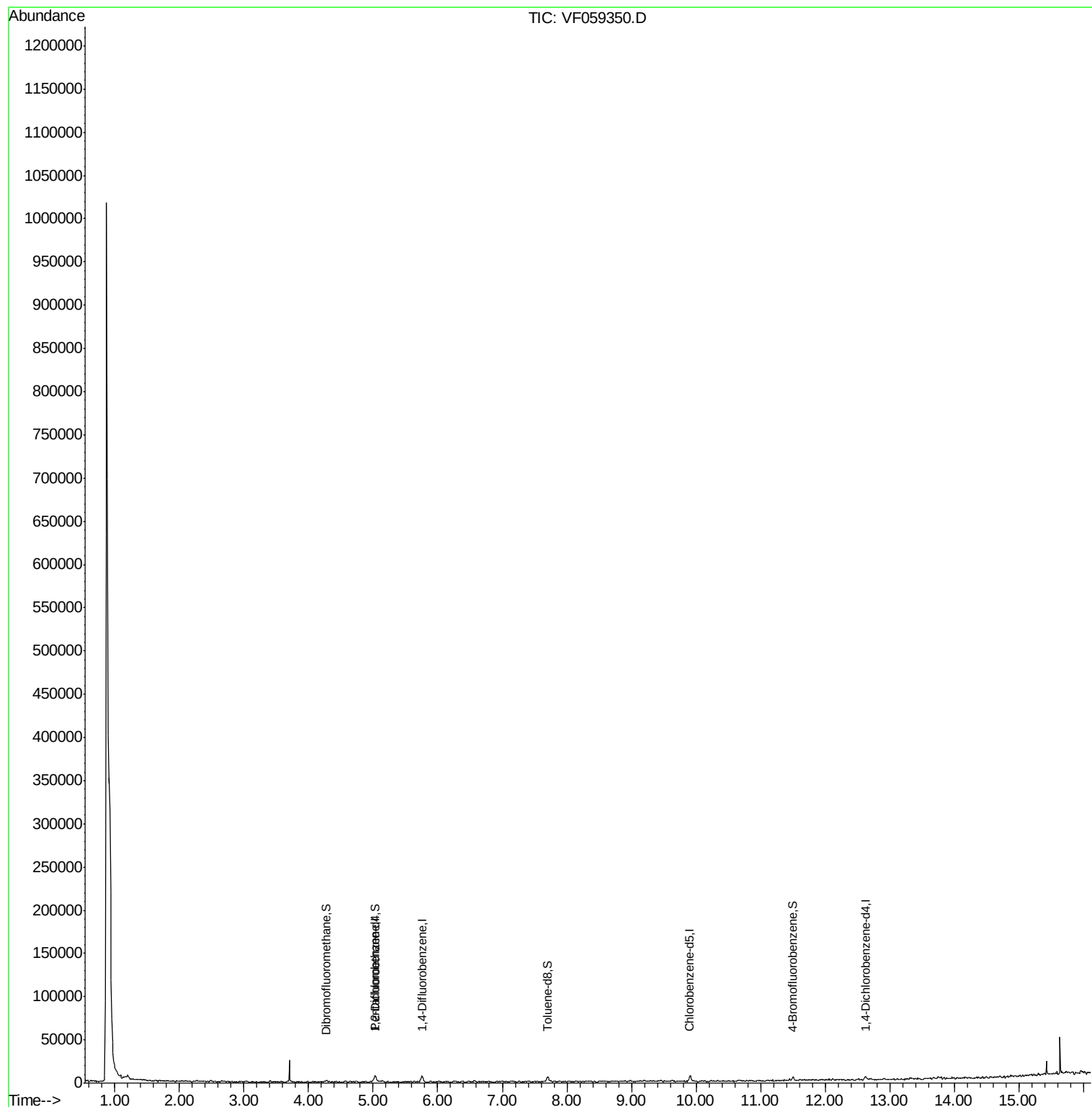
Target Compounds	Qvalue

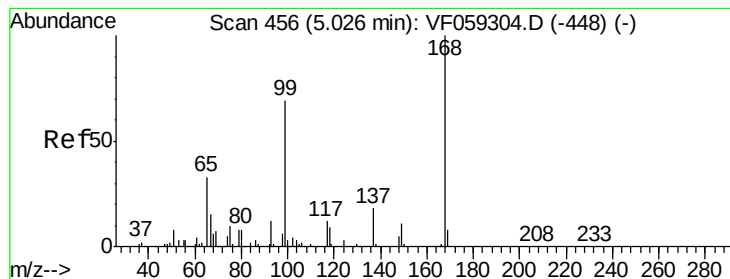
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 456

Delta R.T. -0.00 min

Lab File: VF059350.D

Acq: 27 Jun 2018 20:22

Instrument :

MSVOA_F

ClientSampleId :

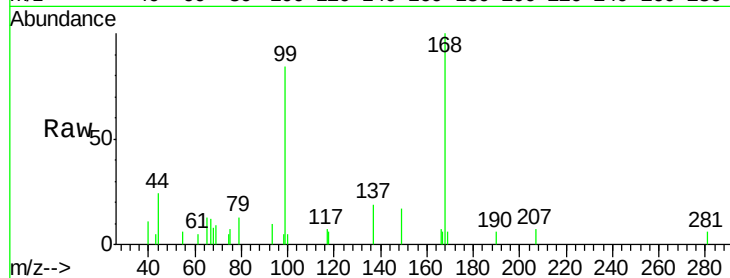
147-149-B2(6-8)

Tot Ion:168 Resp: 6097

Ion Ratio Lower Upper

168 100

99 83.5 54.9 82.3#



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

2500

2000

1500

1000

500

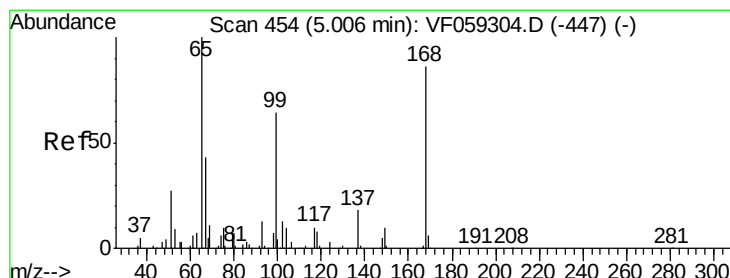
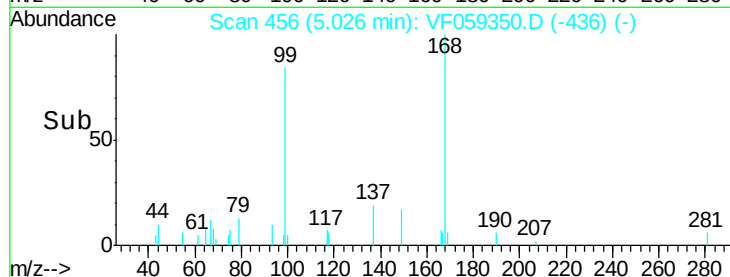
0

Time-->

4.90

5.00

5.10



#33

1,2-Dichloroethane-d4

Concen: 14.23 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059350.D

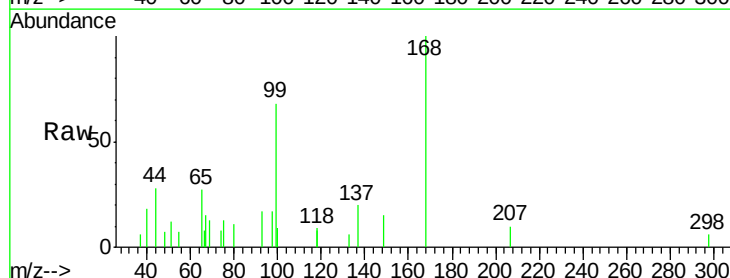
Acq: 27 Jun 2018 20:22

Tgt Ion: 65 Resp: 1121

Ion Ratio Lower Upper

65 100

67 58.2 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

400

300

200

100

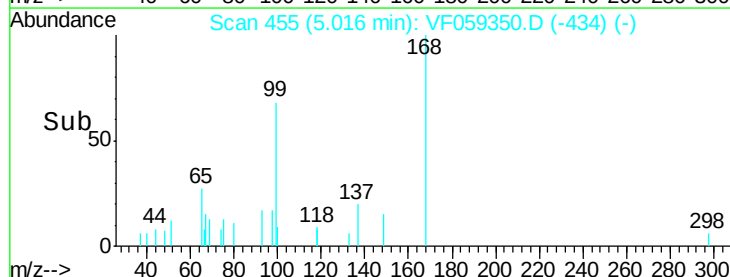
0

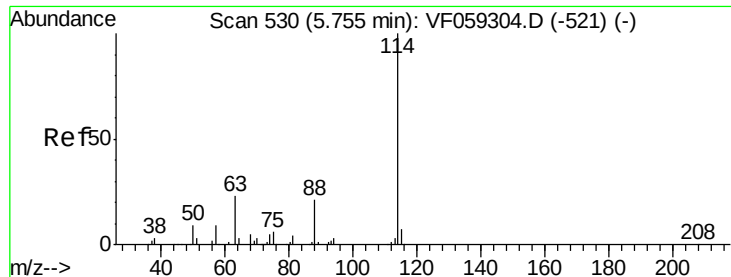
Time-->

4.95

5.00

5.05





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059350.D

Acq: 27 Jun 2018 20:22

Instrument :

MSVOA_F

ClientSampleId :

147-149-B2(6-8)

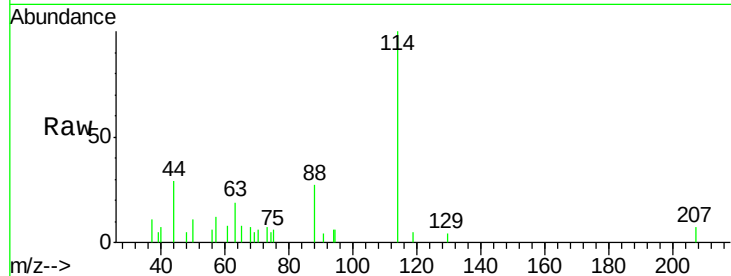
Tot Ion:114 Resp: 6299

Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.8

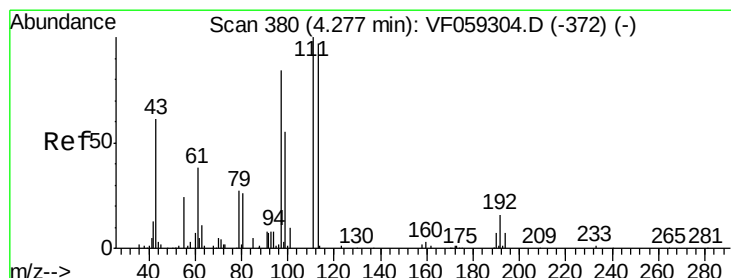
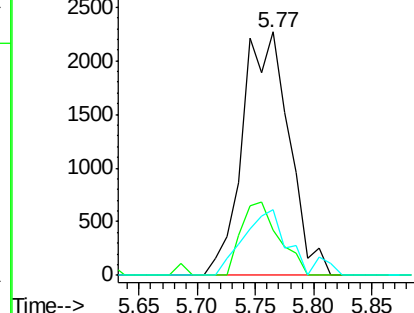
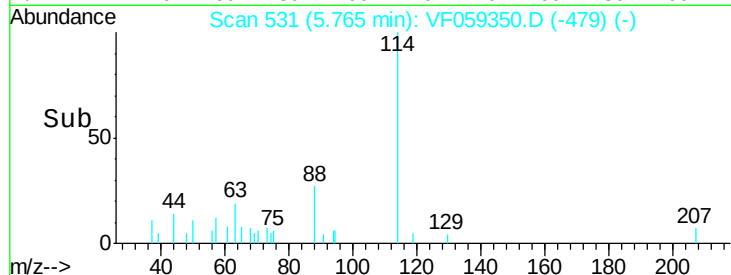
88 26.8 0.0 41.2



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: 36.55 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.00 min

Lab File: VF059350.D

Acq: 27 Jun 2018 20:22

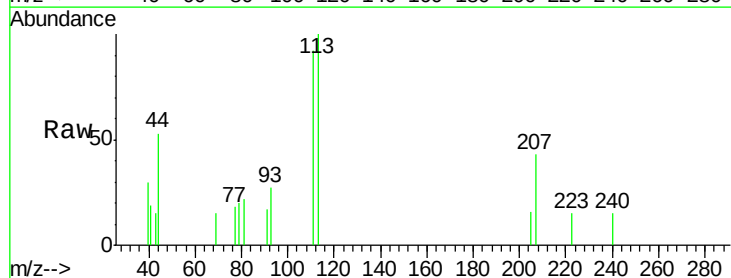
Tgt Ion:113 Resp: 1682

Ion Ratio Lower Upper

113 100

111 91.9 82.1 123.1

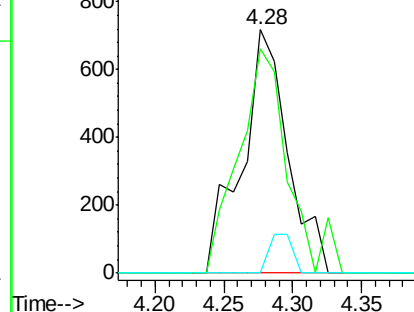
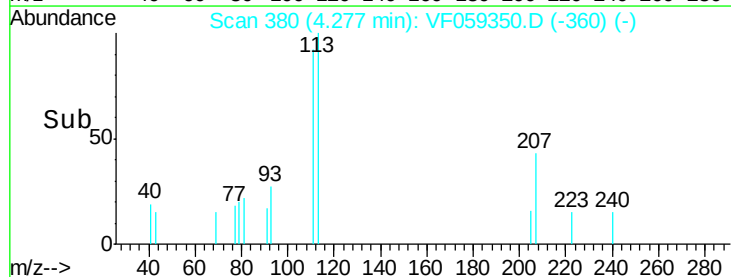
192 0.0 13.0 19.6#

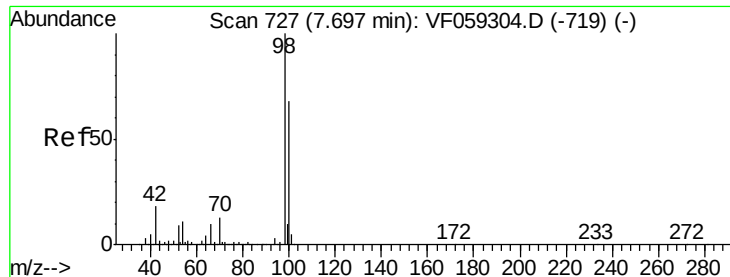


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

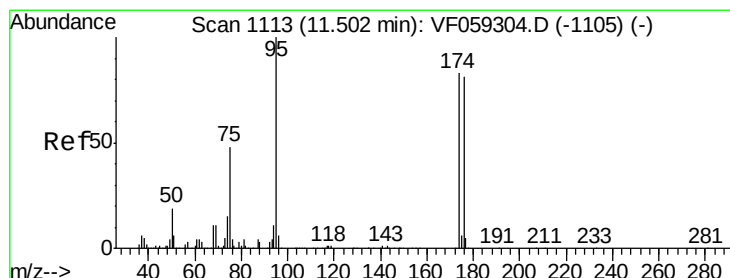
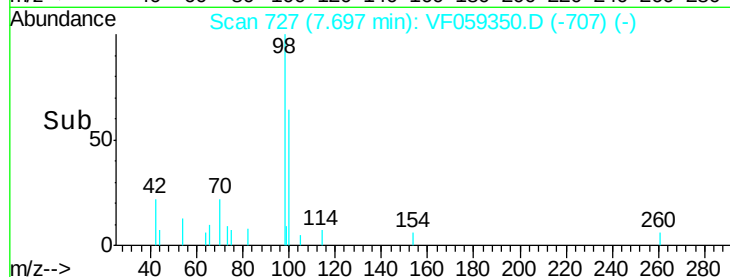
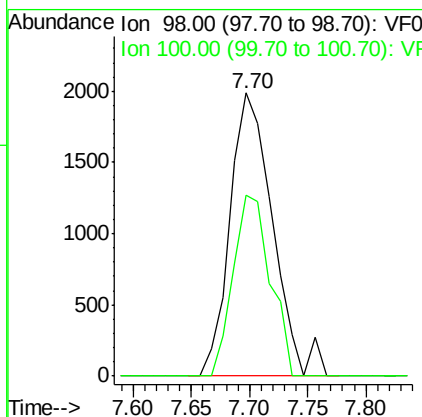
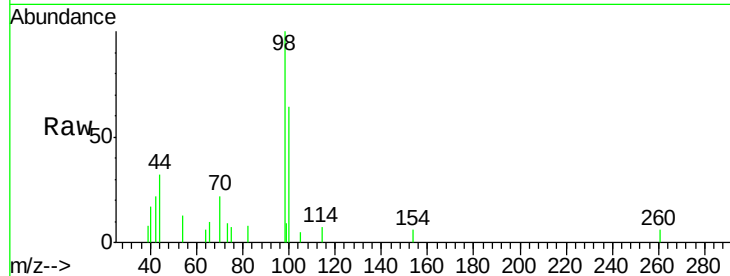




#50
Toluene-d8
Concen: 44.39 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059350.D
Acq: 27 Jun 2018 20:22

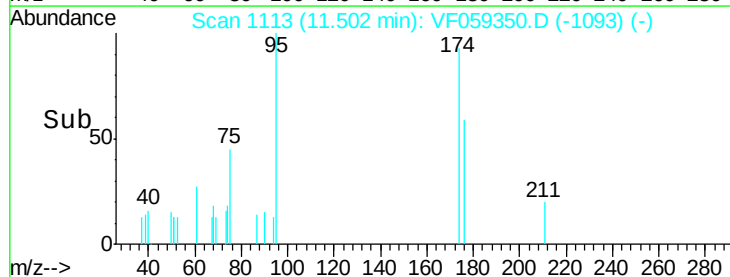
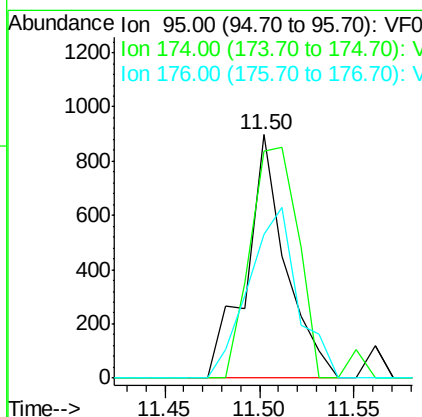
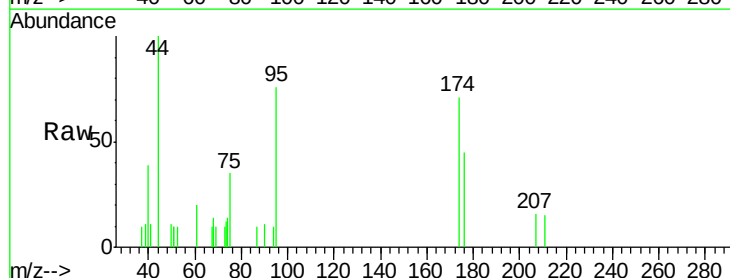
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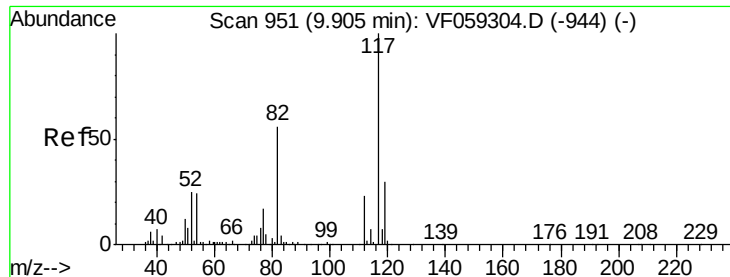
Tot Ion: 98 Resp: 5058
Ion Ratio Lower Upper
98 100
100 64.1 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 20.29 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059350.D
Acq: 27 Jun 2018 20:22

Tgt Ion: 95 Resp: 1304
Ion Ratio Lower Upper
95 100
174 93.3 0.0 165.2
176 58.8 0.0 161.0

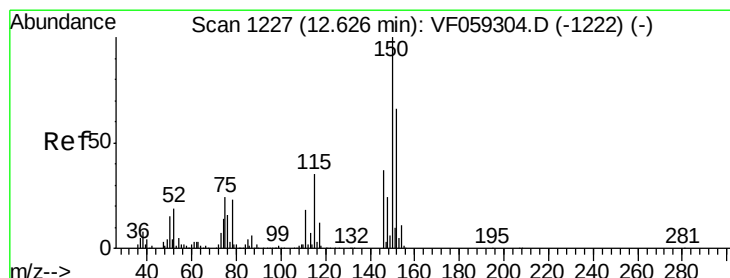
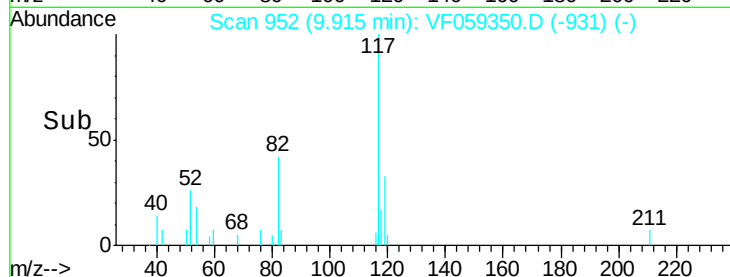
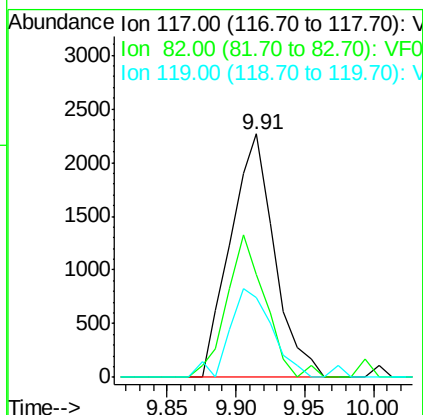
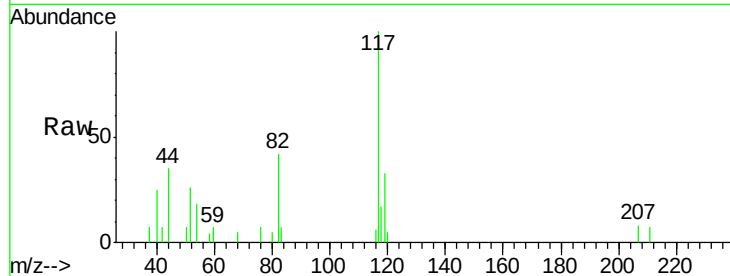




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059350.D
Acq: 27 Jun 2018 20:22

Instrument :
MSVOA_F
ClientSampleId :
147-149-B2(6-8)

Tot Ion:117 Resp: 5039
Ion Ratio Lower Upper
117 100
82 42.0 44.6 66.8#
119 32.5 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059350.D
Acq: 27 Jun 2018 20:22

Tgt Ion:152 Resp: 1490
Ion Ratio Lower Upper
152 100
115 49.3 27.1 81.3
150 102.6 0.0 305.2

