

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070618\
 Data File : VF059462.D
 Acq On : 6 Jul 2018 21:03
 Operator : VA/AP
 Sample : J3855-01
 Misc : 6.76g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S-8(5.5-6)

Quant Time: Jul 07 04:09:30 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	5.02	168	1406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.73	114	2029	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.89	117	1072	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	271	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	406	22.35	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	44.70%	
35) Dibromofluoromethane	4.24	113	143	9.65	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	19.30%	
50) Toluene-d8	7.67	98	1722	46.91	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	93.82%	
62) 4-Bromofluorobenzene	11.49	95	428	20.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.34%	

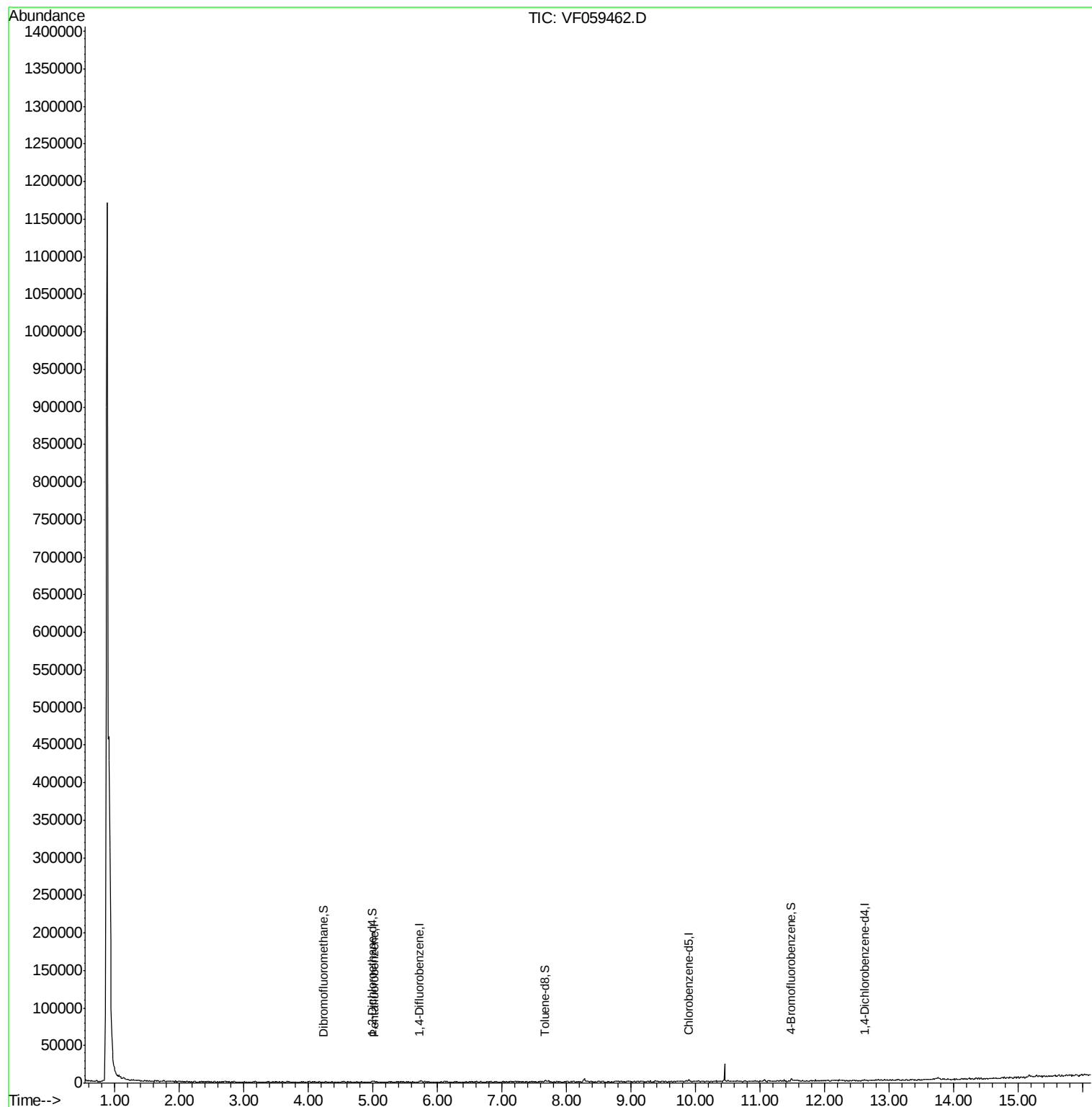
Target Compounds	Qvalue

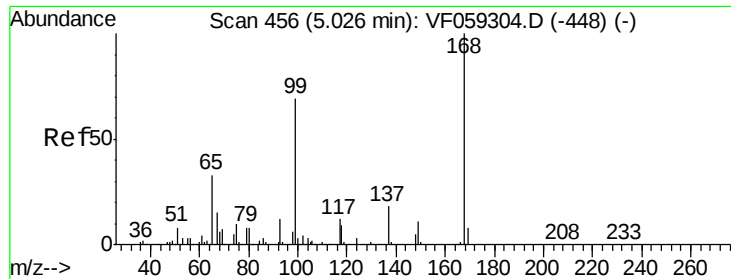
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

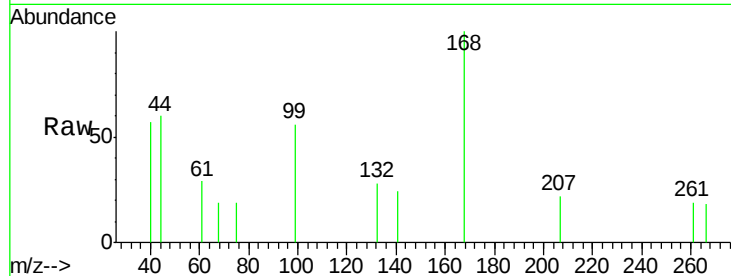
S-8(5.5-6)

Tot Ion:168 Resp: 1406

Ion Ratio Lower Upper

168 100

99 55.9 54.9 82.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

400

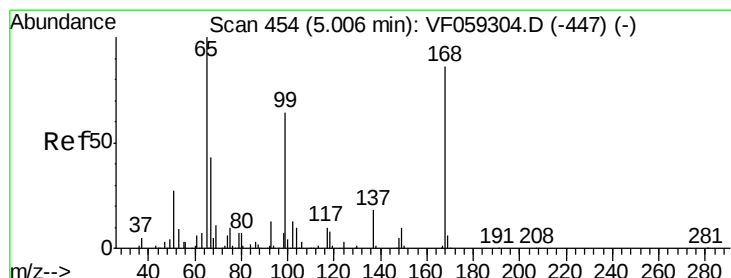
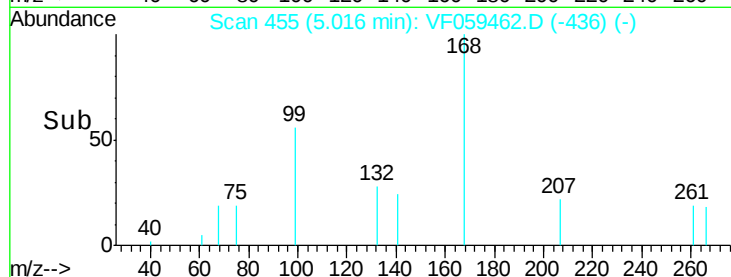
300

200

100

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 22.35 ug/l

RT: 4.99 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF059462.D

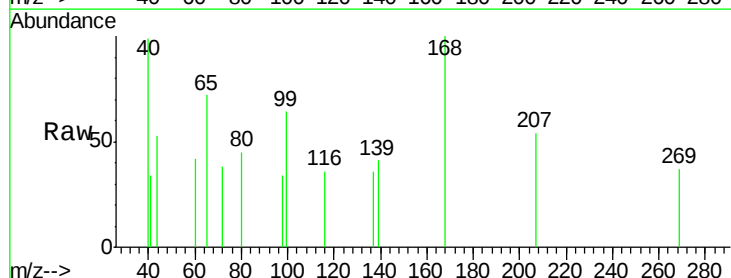
Acq: 6 Jul 2018 21:03

Tgt Ion: 65 Resp: 406

Ion Ratio Lower Upper

65 100

67 0.0 0.0 96.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.99

250

200

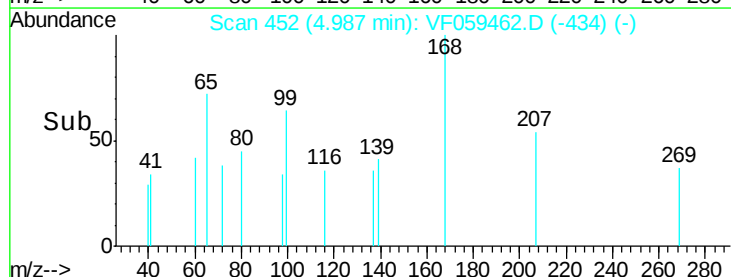
150

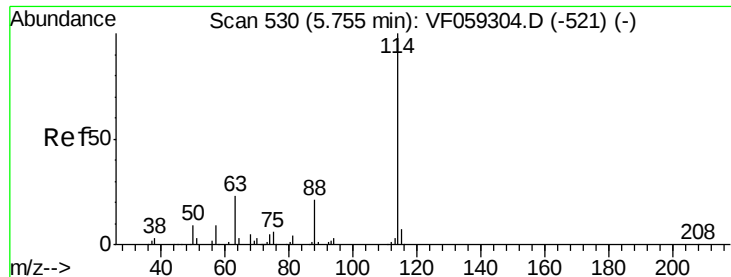
100

50

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.73 min Scan# 527

Delta R.T. -0.03 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

Instrument :

MSVOA_F

ClientSampleId :

S-8(5.5-6)

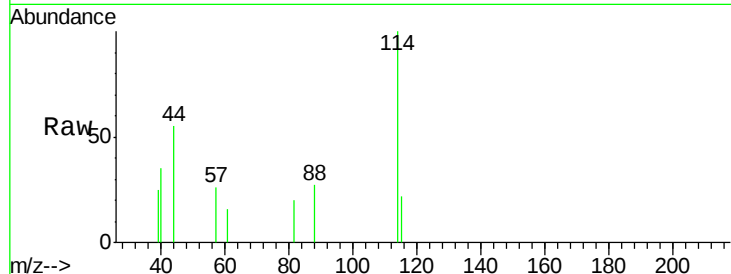
Tot Ion:114 Resp: 2029

Ion Ratio Lower Upper

114 100

63 0.0 0.0 45.8

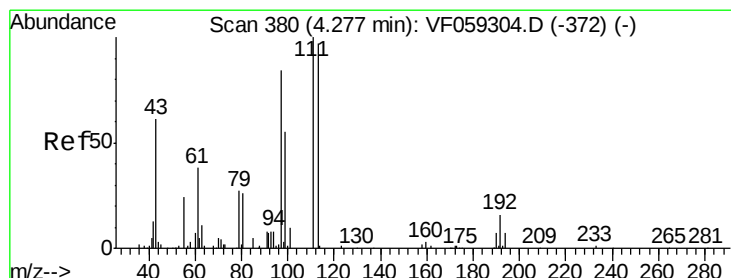
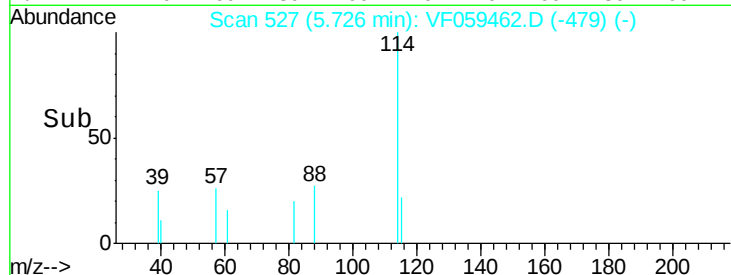
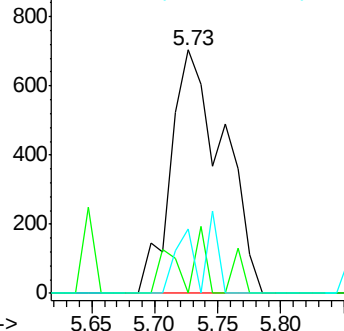
88 26.7 0.0 41.2



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: 9.65 ug/l

RT: 4.24 min Scan# 376

Delta R.T. -0.04 min

Lab File: VF059462.D

Acq: 6 Jul 2018 21:03

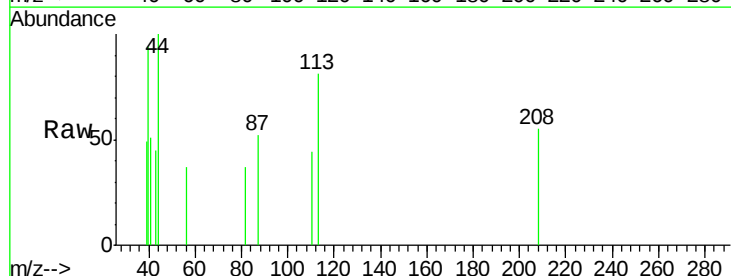
Tgt Ion:113 Resp: 143

Ion Ratio Lower Upper

113 100

111 0.0 82.1 123.1#

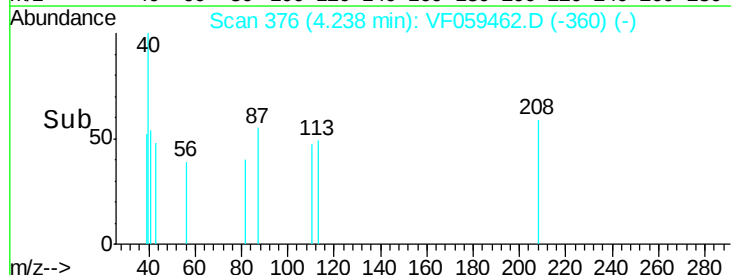
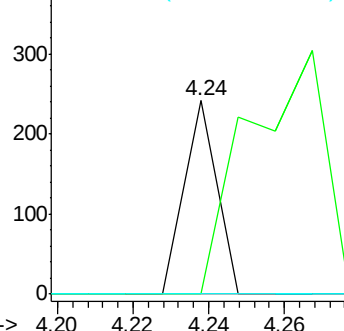
192 0.0 13.0 19.6#

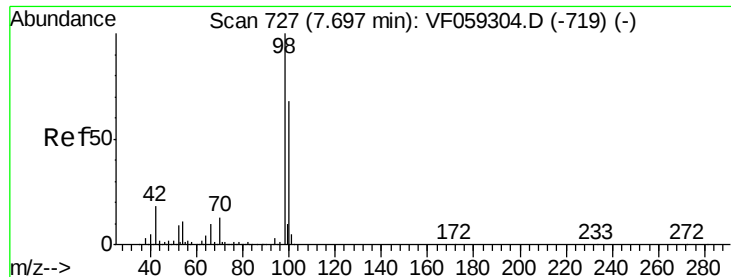


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

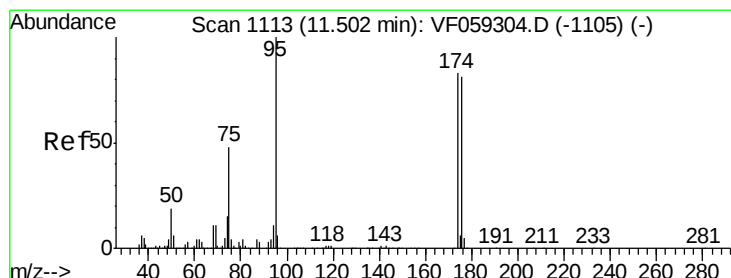
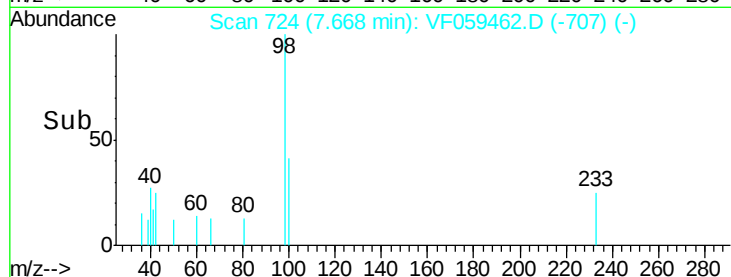
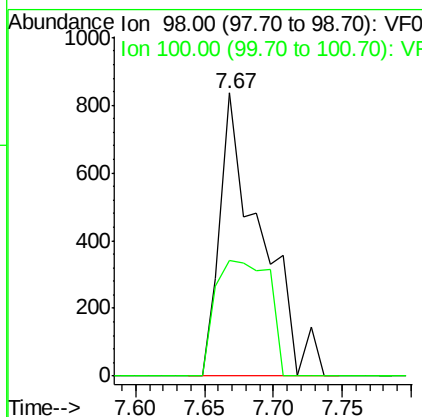
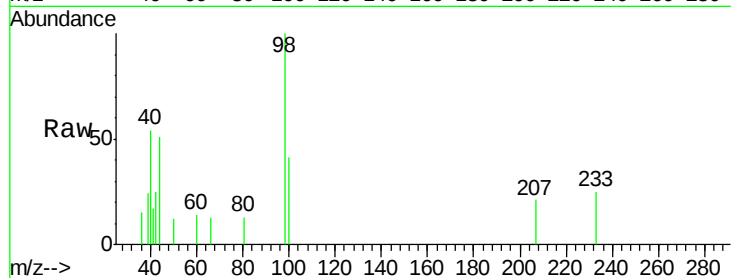




#50
Toluene-d8
Concen: 46.91 ug/l
RT: 7.67 min Scan# 724
Delta R.T. -0.03 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

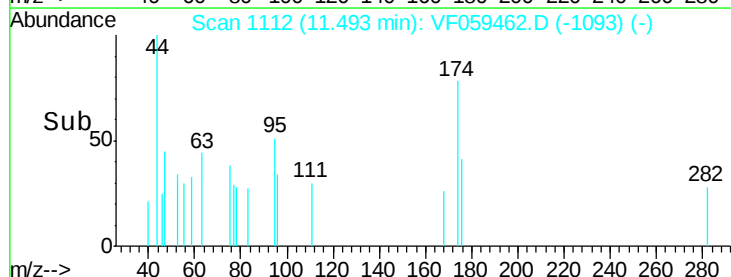
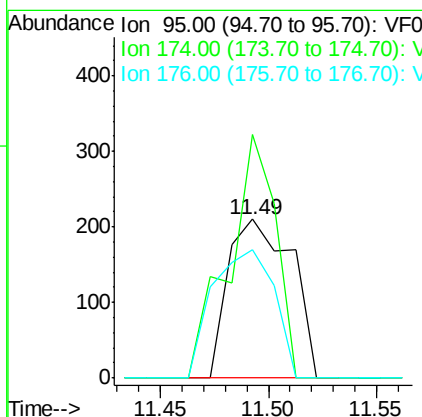
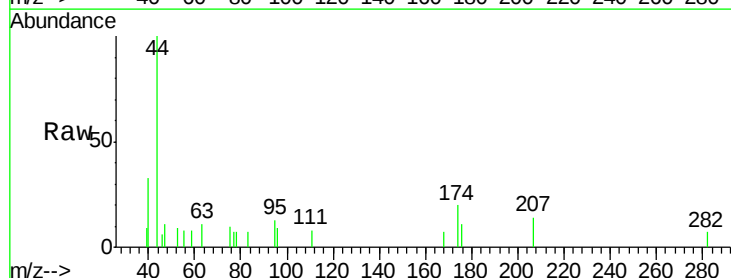
Instrument :
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S-8(5.5-6)

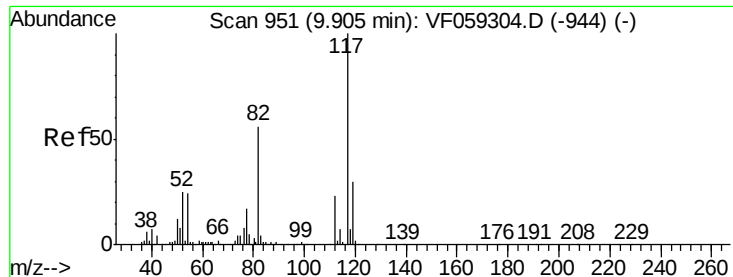
Tot Ion: 98 Resp: 1722
Ion Ratio Lower Upper
98 100
100 40.7 54.6 82.0#



#62
4-Bromofluorobenzene
Concen: 20.67 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Tgt Ion: 95 Resp: 428
Ion Ratio Lower Upper
95 100
174 153.3 0.0 165.2
176 81.0 0.0 161.0

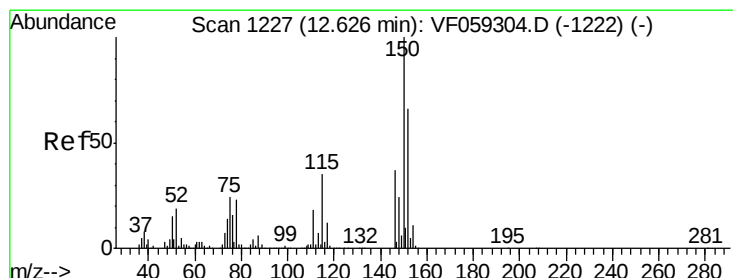
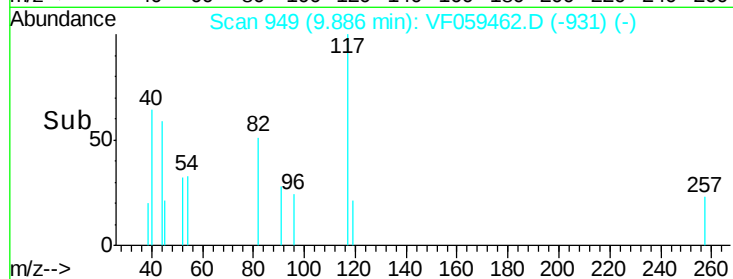
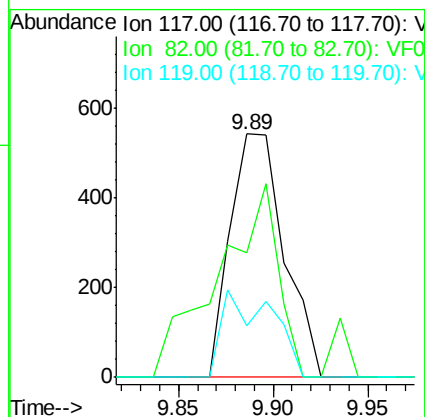
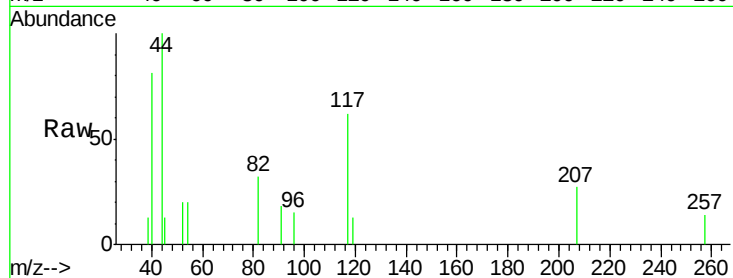




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059462.D
Acq: 6 Jul 2018 21:03

Instrument :
MSVOA_F
ClientSampleId :
S-8(5.5-6)

Tot Ion:117 Resp: 1072
Ion Ratio Lower Upper
117 100
82 51.3 44.6 66.8
119 21.0 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: VF059462.D
Acq: 6 Jul 2018 21:03

Tgt Ion:152 Resp: 271
Ion Ratio Lower Upper
152 100
115 146.8 27.1 81.3#
150 238.0 0.0 305.2

