

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011119\
 Data File : VF061378.D
 Acq On : 11 Jan 2019 20:01
 Operator : VA/AP
 Sample : K1075-18RE
 Misc : 4.73g/5mL/MSVOA-F/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BASIN-9RE

Quant Time: Jan 12 04:36:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	20913	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	30522	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	18576	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.53	152	4079	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	5254	22.57	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	45.14%	
35) Dibromofluoromethane	4.09	113	9585	41.04	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.08%	
50) Toluene-d8	7.53	98	28763	41.62	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.24%	
62) 4-Bromofluorobenzene	11.39	95	5994	19.86	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	39.72%	

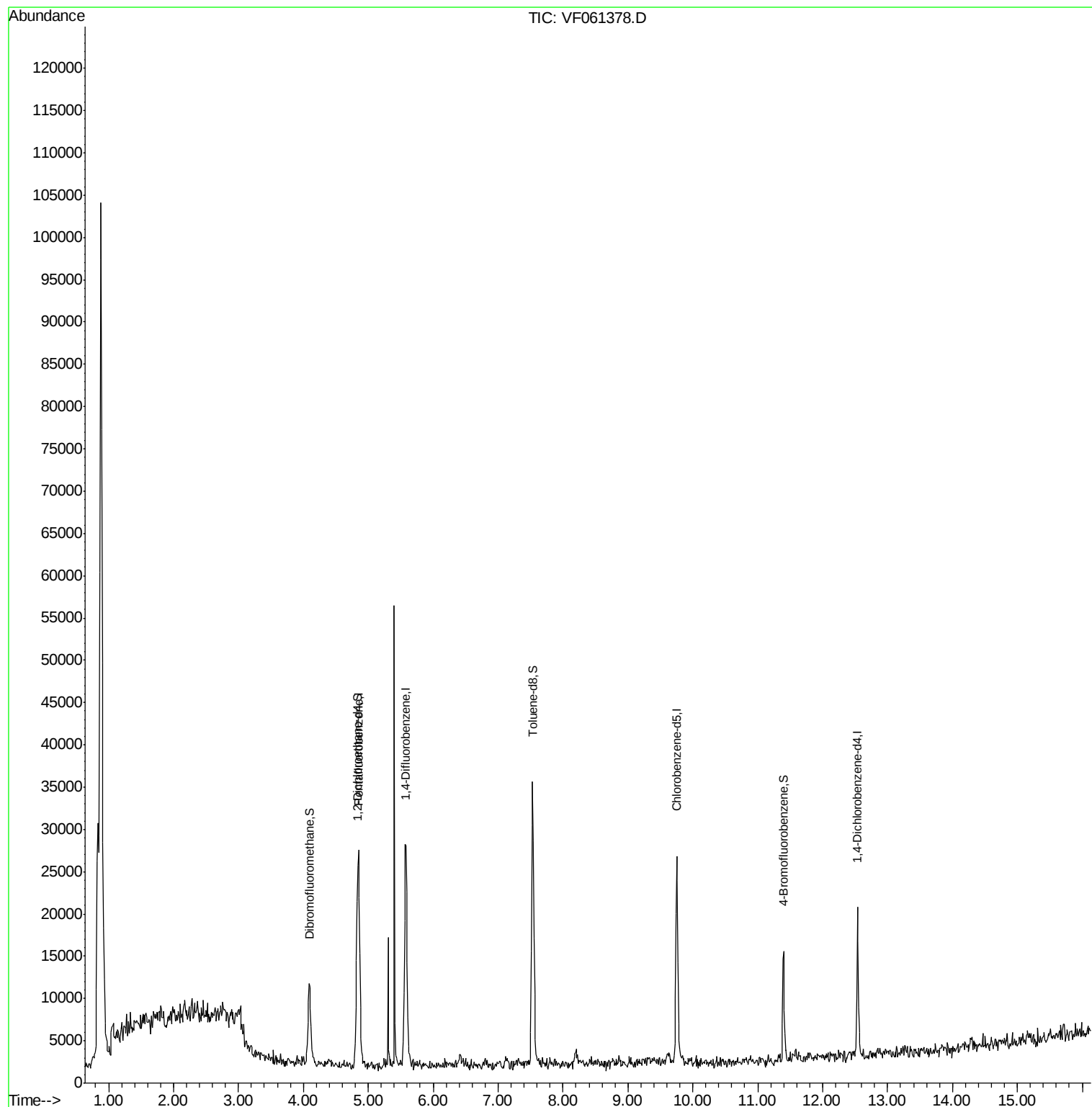
Target Compounds Qvalue

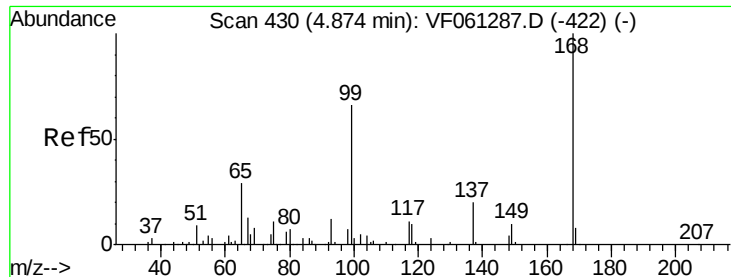
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061378.D

Acq: 11 Jan 2019 20:01

Instrument :

MSVOA_F

ClientSampleId :

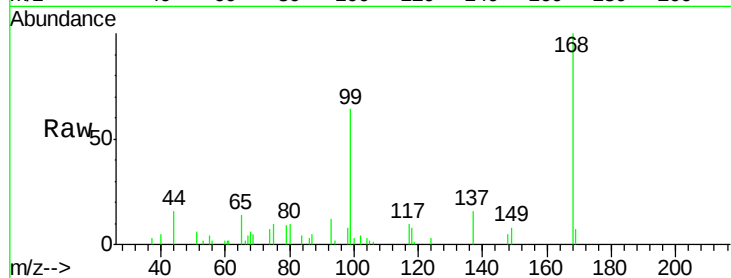
BASIN-9RE

Tot Ion:168 Resp: 20913

Ion Ratio Lower Upper

168 100

99 63.5 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

8000

6000

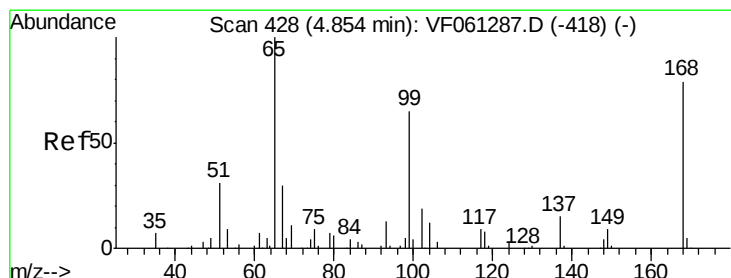
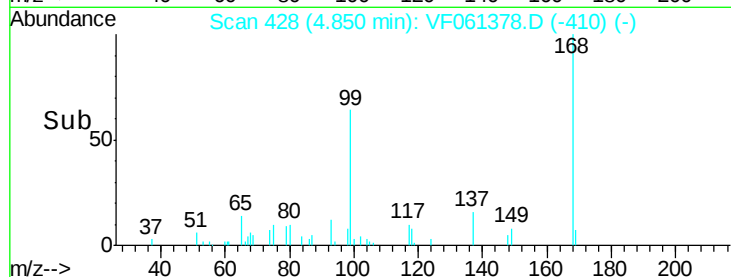
4000

2000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 22.571 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061378.D

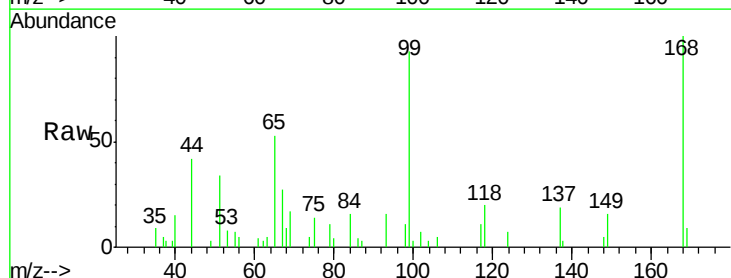
Acq: 11 Jan 2019 20:01

Tgt Ion: 65 Resp: 5254

Ion Ratio Lower Upper

65 100

67 52.0 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.83

2000

1500

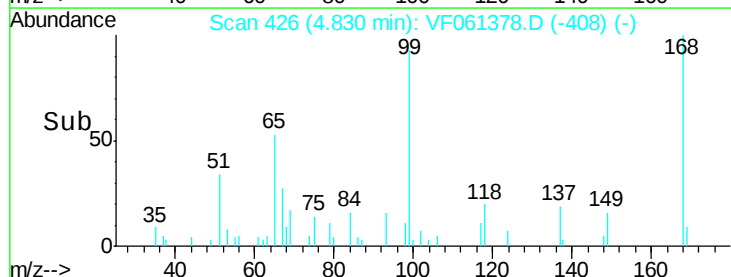
1000

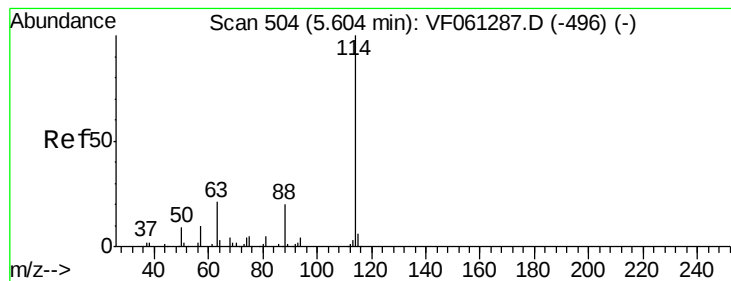
500

0

Time-->

4.75 4.80 4.85 4.90





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061378.D

Acq: 11 Jan 2019 20:01

Instrument :

MSVOA_F

ClientSampleId :

BASIN-9RE

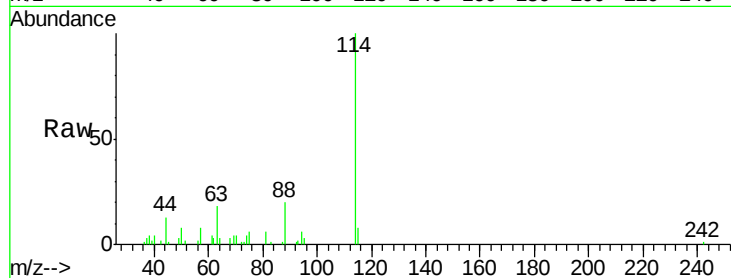
Tot Ion:114 Resp: 30522

Ion Ratio Lower Upper

114 100

63 17.5 0.0 42.8

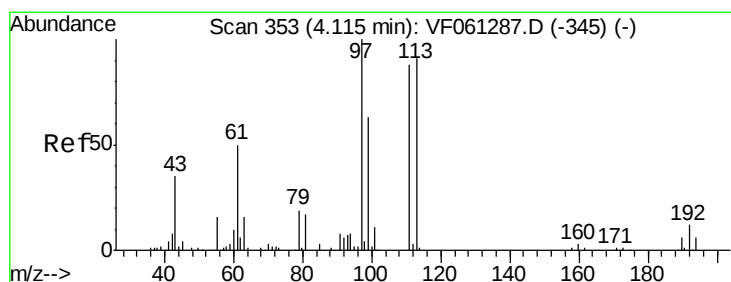
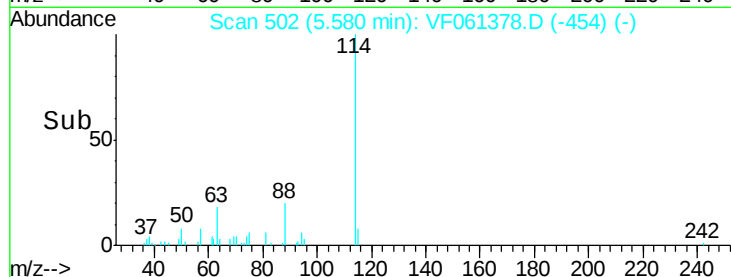
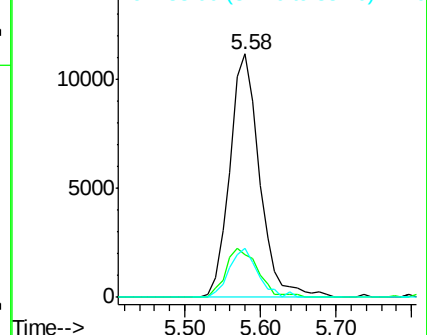
88 20.3 0.0 40.0



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: 41.042 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061378.D

Acq: 11 Jan 2019 20:01

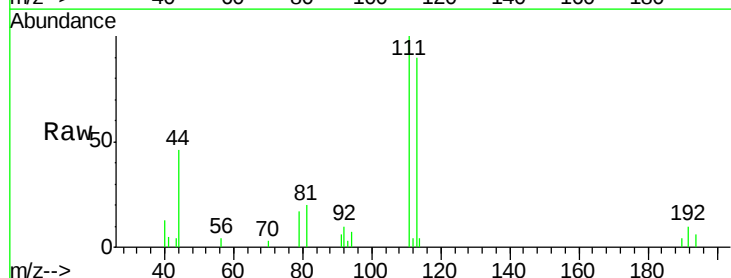
Tgt Ion:113 Resp: 9585

Ion Ratio Lower Upper

113 100

111 111.0 78.0 117.0

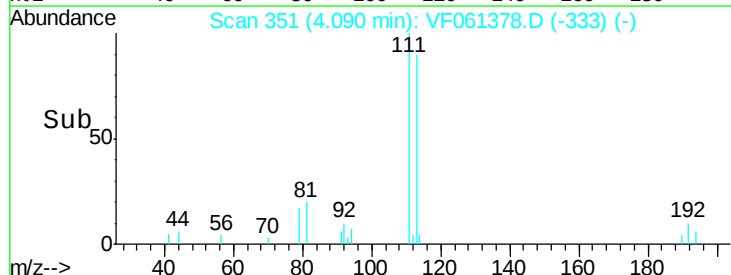
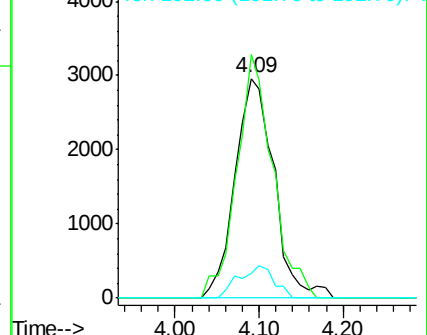
192 11.2 10.6 16.0

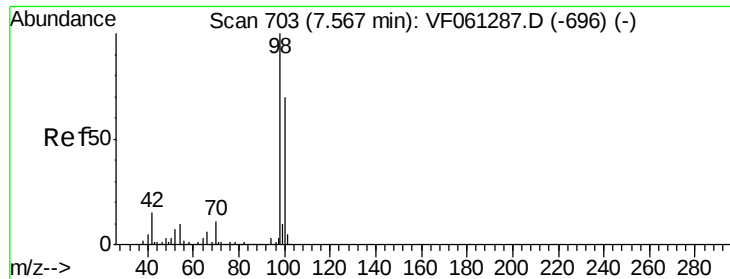


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

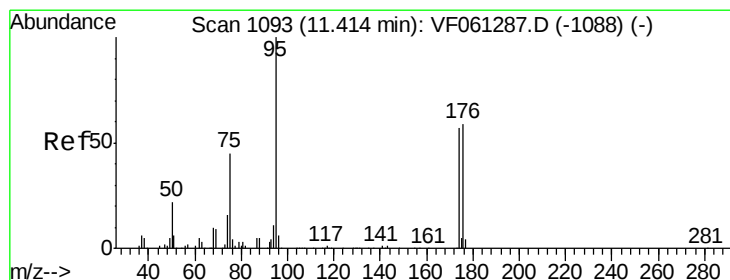
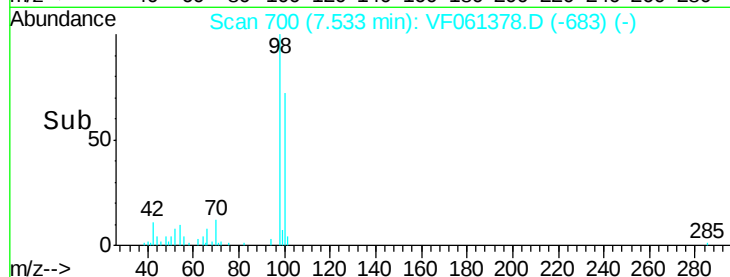
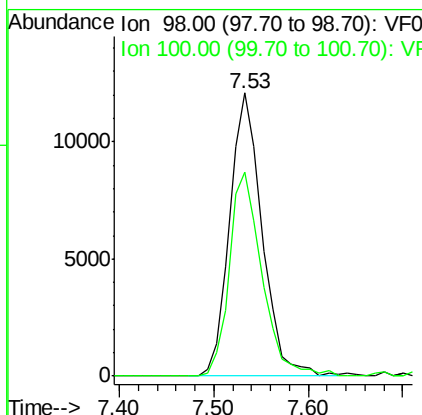
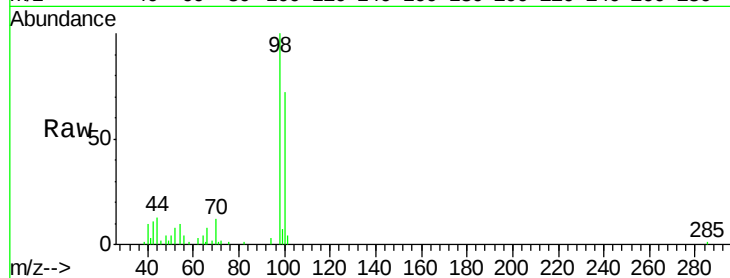




#50
Toluene-d8
Concen: 41.618 ug/l
RT: 7.53 min Scan# 700
Delta R.T. -0.03 min
Lab File: VF061378.D
Acq: 11 Jan 2019 20:01

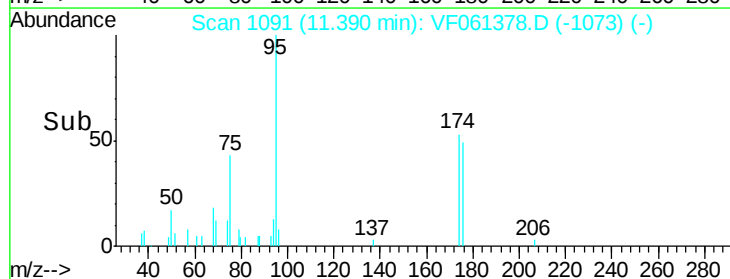
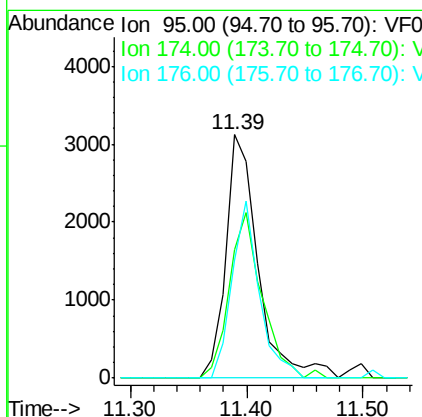
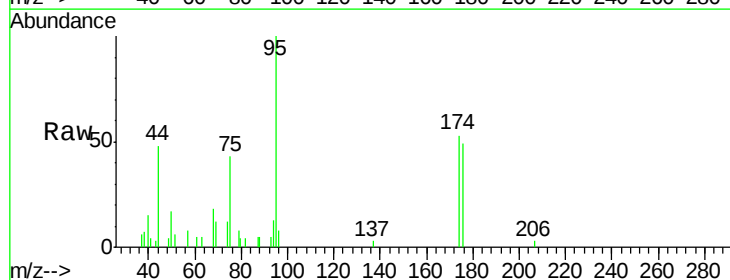
Instrument :
MSVOA_F
ClientSampleId :
BASIN-9RE

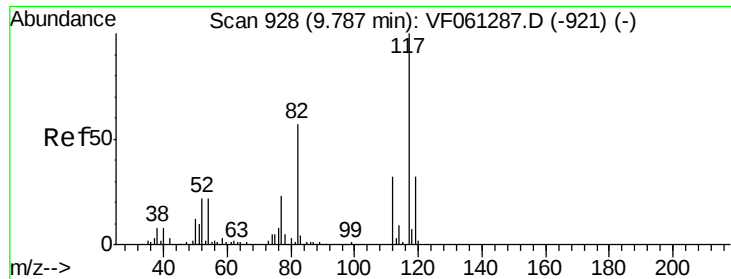
Tot Ion: 98 Resp: 28763
Ion Ratio Lower Upper
98 100
100 72.2 55.6 83.4



#62
4-Bromofluorobenzene
Concen: 19.862 ug/l
RT: 11.39 min Scan# 1091
Delta R.T. -0.02 min
Lab File: VF061378.D
Acq: 11 Jan 2019 20:01

Tgt Ion: 95 Resp: 5994
Ion Ratio Lower Upper
95 100
174 52.7 0.0 114.2
176 48.5 0.0 117.8

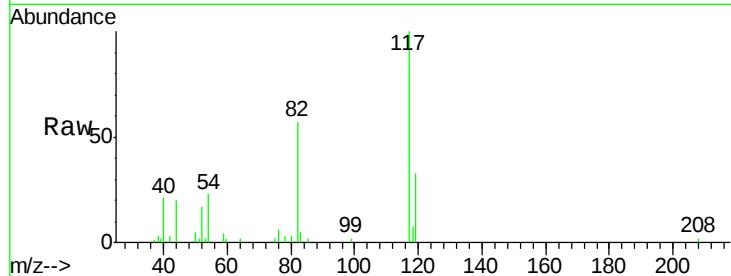




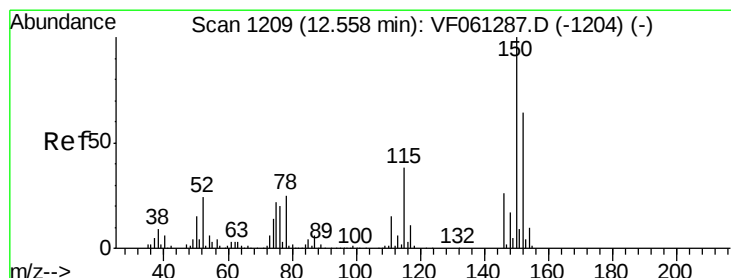
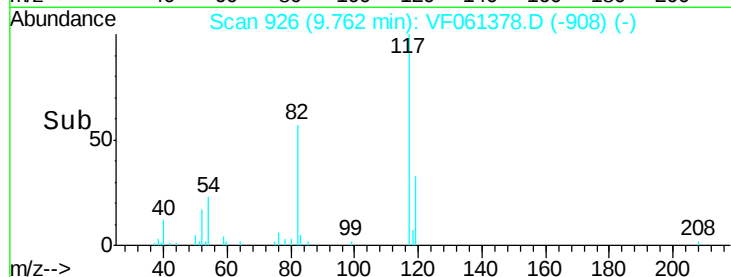
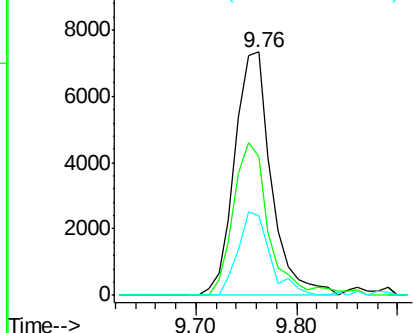
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.02 min
Lab File: VF061378.D
Acq: 11 Jan 2019 20:01

Instrument :
MSVOA_F
ClientSampleId :
BASIN-9RE

Tot Ion:117 Resp: 18576
Ion Ratio Lower Upper
117 100
82 56.8 45.3 67.9
119 33.0 25.4 38.0

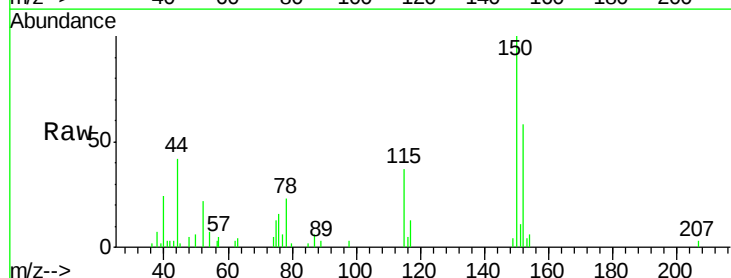


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.53 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061378.D
Acq: 11 Jan 2019 20:01

Tgt Ion:152 Resp: 4079
Ion Ratio Lower Upper
152 100
115 62.9 29.6 88.9
150 171.2 0.0 315.4



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

