

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061918\
 Data File : VF059227.D
 Acq On : 20 Jun 2018 10:55
 Operator : VA/AP
 Sample : J3584-19
 Misc : 5.09g/5mL/MSVOA-F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-S

Quant Time: Jun 20 12:01:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	153366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	242597	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	240677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	135030	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	112290	60.37	ug/l	0.00
Spiked Amount			Recovery	=	120.74%	
35) Dibromofluoromethane	4.29	113	107823	63.34	ug/l	0.00
Spiked Amount			Recovery	=	126.68%	
50) Toluene-d8	7.70	98	261629	52.32	ug/l	0.00
Spiked Amount			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	11.51	95	129136	50.35	ug/l	0.00
Spiked Amount			Recovery	=	100.70%	

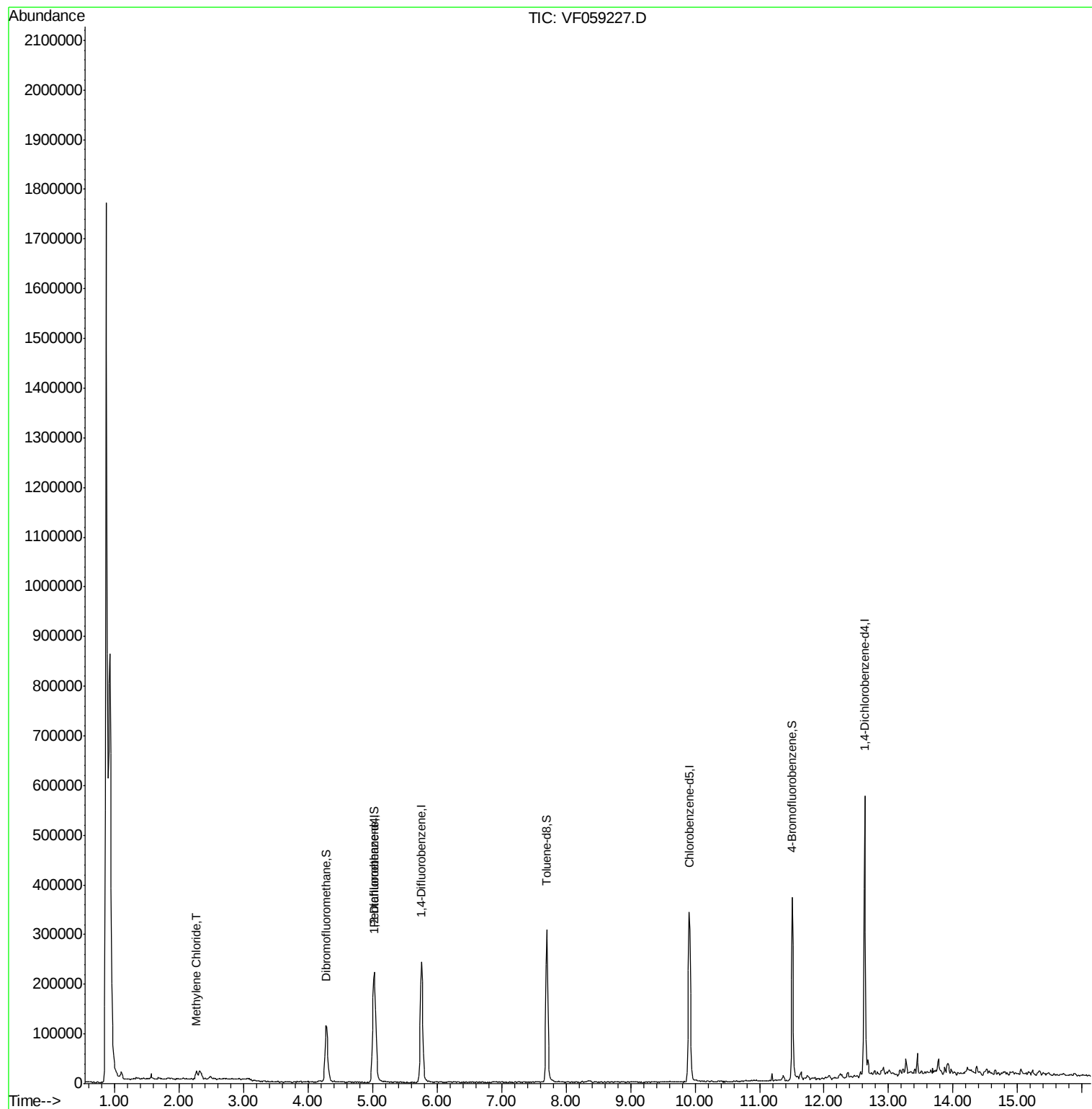
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.27	84	10282	9.67	ug/l	87

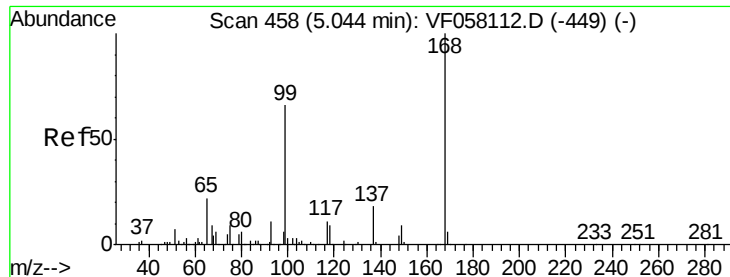
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061918\
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Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059227.D

Acq: 20 Jun 2018 10:55

Instrument :

MSVOA_F

ClientSampled :

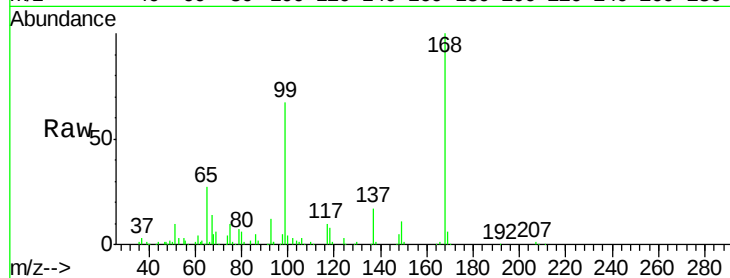
TP-1-S

Tot Ion:168 Resp: 153366

Ion Ratio Lower Upper

168 100

99 66.9 52.9 79.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

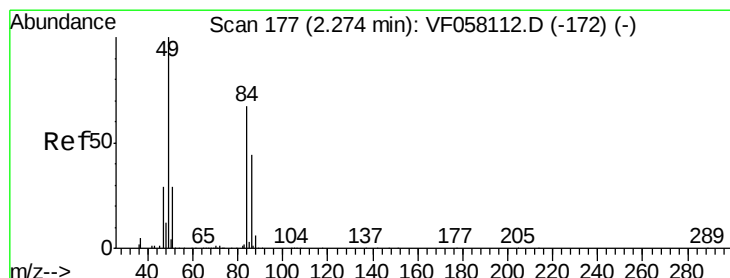
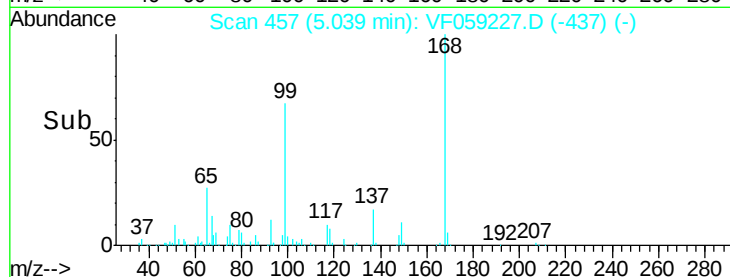
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#20

Methylene Chloride

Concen: 9.67 ug/l

RT: 2.27 min Scan# 176

Delta R.T. -0.01 min

Lab File: VF059227.D

Acq: 20 Jun 2018 10:55

Tgt Ion: 84 Resp: 10282

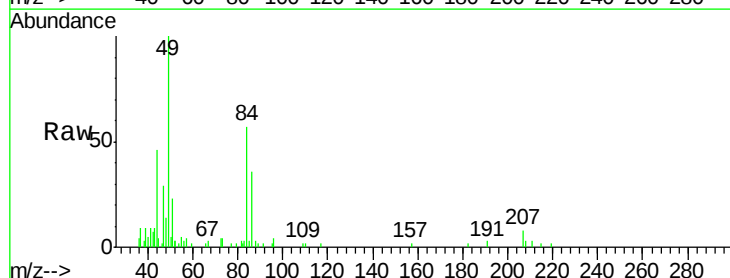
Ion Ratio Lower Upper

84 100

49 175.3 121.0 181.4

51 40.9 35.8 53.6

86 62.3 53.2 79.8



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

8000

6000

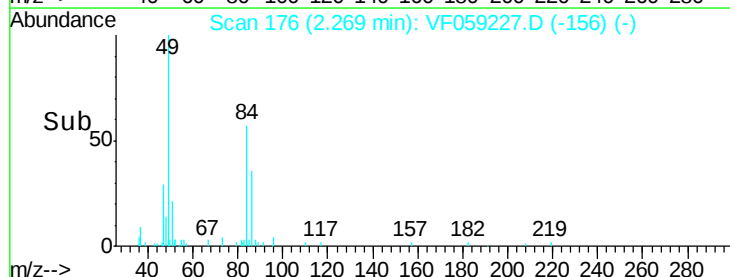
4000

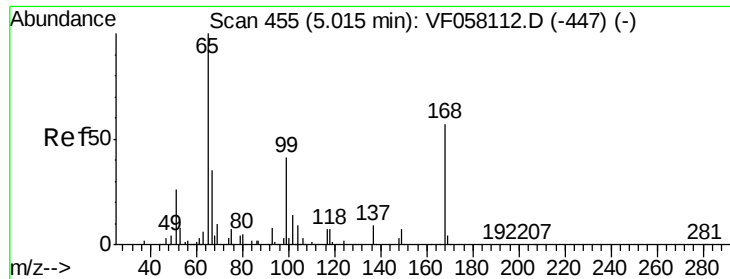
2000

0

2.20 2.30 2.40

Time-->

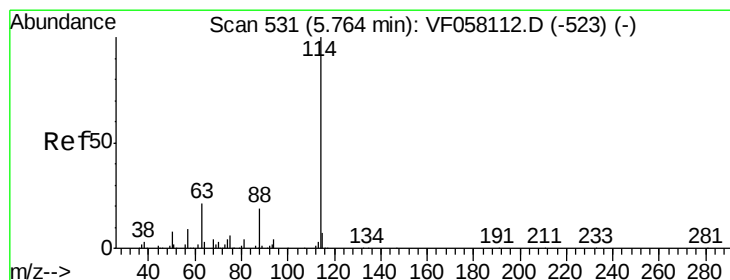
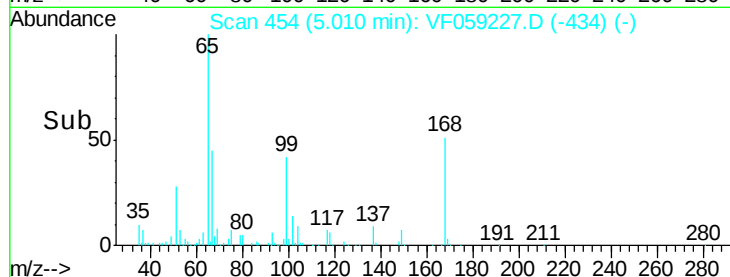
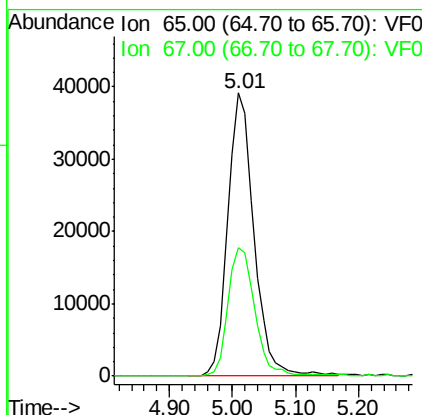
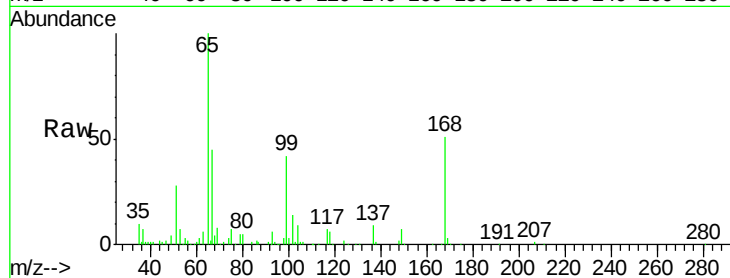




#33
 1,2-Dichloroethane-d4
 Concen: 60.37 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: VF059227.D
 Acq: 20 Jun 2018 10:55

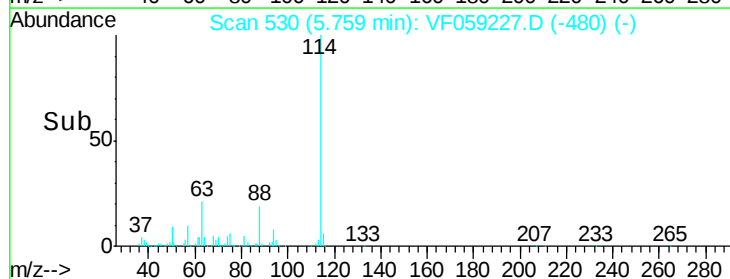
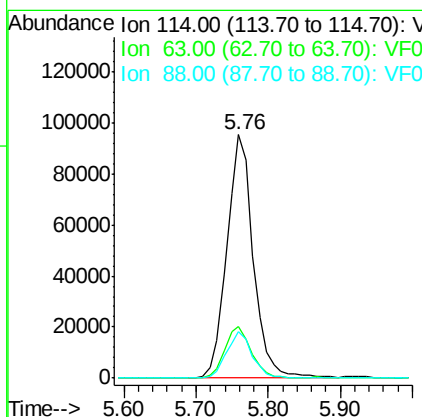
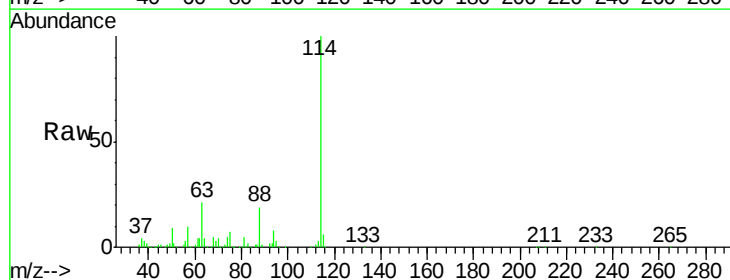
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-S

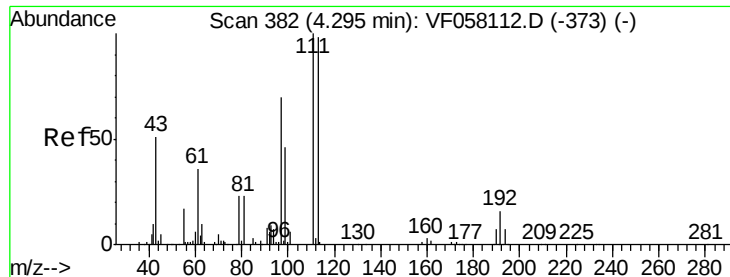
Tot Ion: 65 Resp: 112290
 Ion Ratio Lower Upper
 65 100
 67 45.4 0.0 97.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: VF059227.D
 Acq: 20 Jun 2018 10:55

Tgt Ion: 114 Resp: 242597
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.6
 88 19.1 0.0 38.8

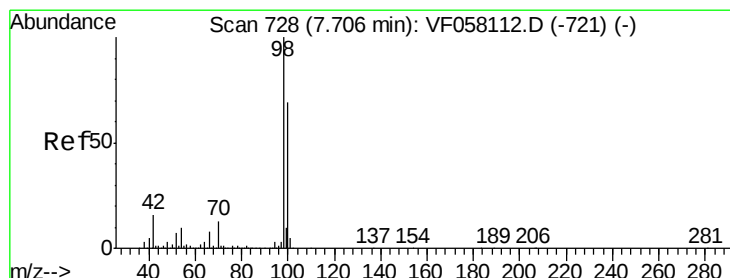
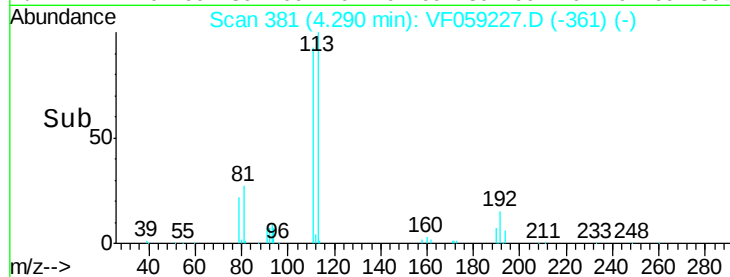
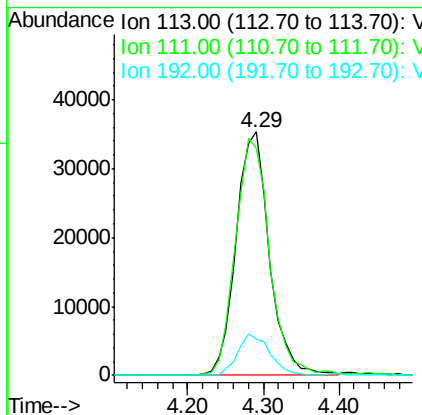
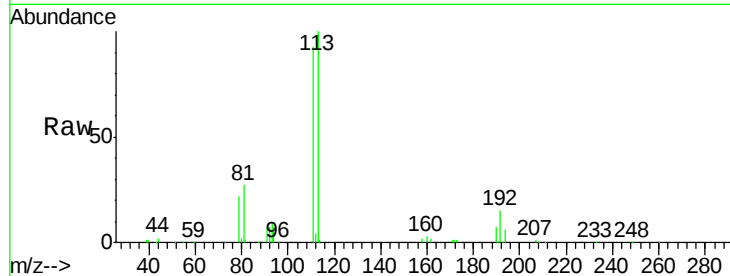




#35
 Dibromofluoromethane
 Concen: 63.34 ug/l
 RT: 4.29 min Scan# 381
 Delta R.T. -0.01 min
 Lab File: VF059227.D
 Acq: 20 Jun 2018 10:55

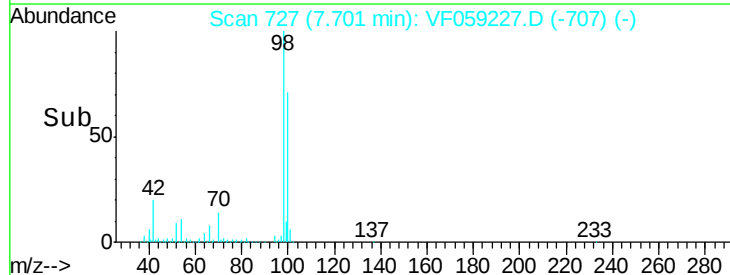
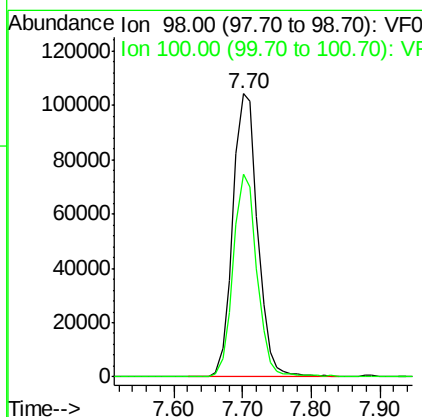
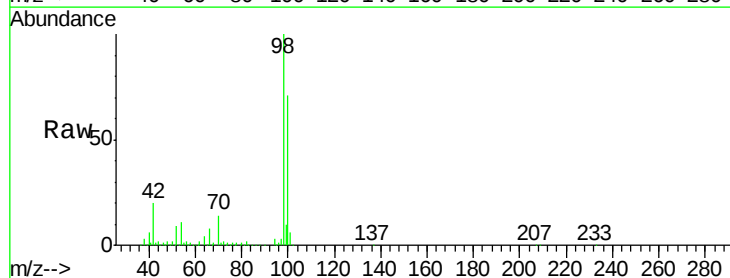
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-1-S

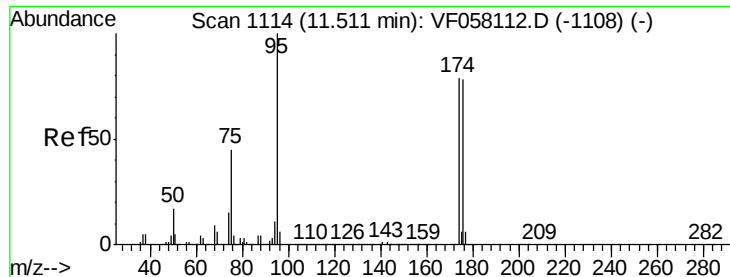
Tot Ion:113 Resp: 107823
 Ion Ratio Lower Upper
 113 100
 111 93.3 81.3 121.9
 192 15.0 12.7 19.1



#50
 Toluene-d8
 Concen: 52.32 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VF059227.D
 Acq: 20 Jun 2018 10:55

Tgt Ion: 98 Resp: 261629
 Ion Ratio Lower Upper
 98 100
 100 71.4 55.6 83.4

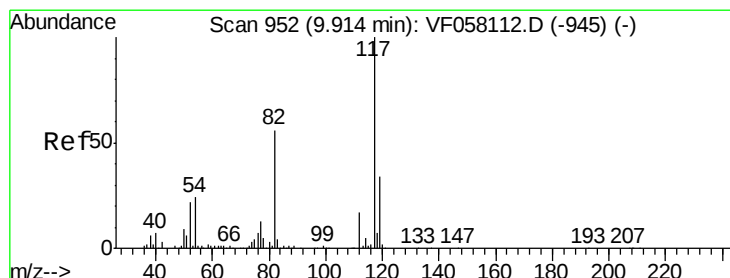
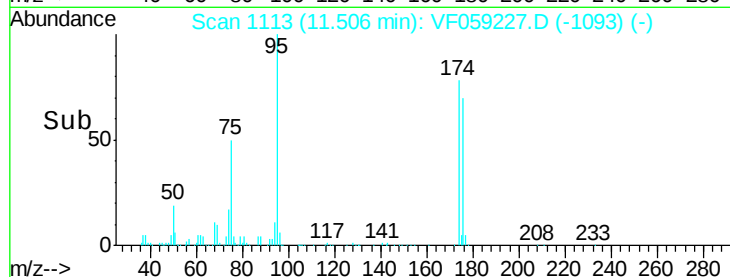
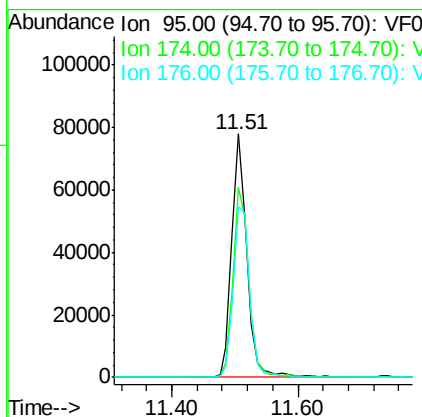
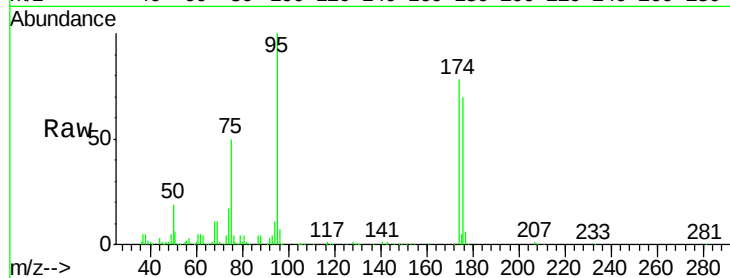




#62
4-Bromofluorobenzene
Concen: 50.35 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF059227.D
Acq: 20 Jun 2018 10:55

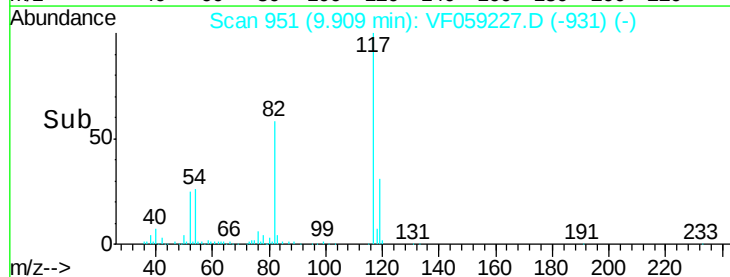
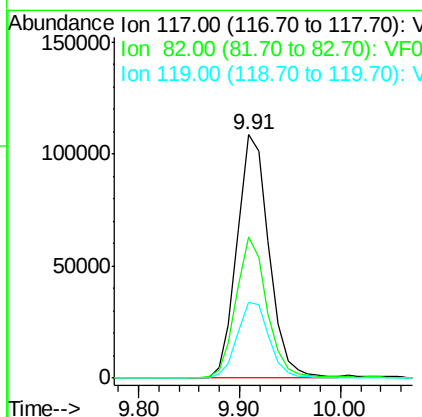
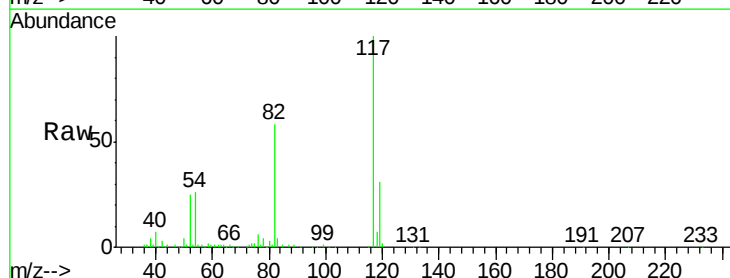
Instrument :
MSVOA_F
ClientSampleId :
TP-1-S

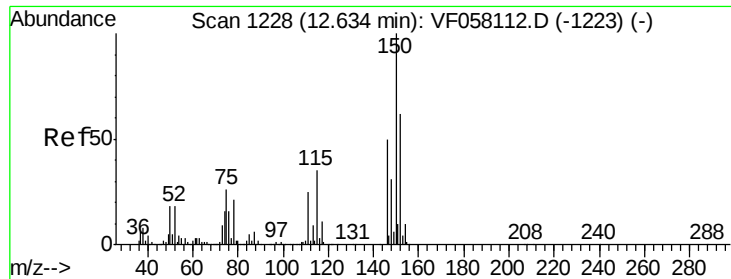
Tot Ion: 95 Resp: 129136
Ion Ratio Lower Upper
95 100
174 77.9 0.0 157.8
176 70.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059227.D
Acq: 20 Jun 2018 10:55

Tgt Ion: 117 Resp: 240677
Ion Ratio Lower Upper
117 100
82 58.2 45.2 67.8
119 30.9 27.5 41.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VF059227.D

Acq: 20 Jun 2018 10:55

Instrument :

MSVOA_F

ClientSampleId :

TP-1-S

Tot Ion:152 Resp: 135030

Ion Ratio Lower Upper

152 100

115 60.0 28.5 85.5

150 158.4 0.0 323.8

