

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051419\
 Data File : VF062597.D
 Acq On : 14 May 2019 23:29
 Operator : FY/SY
 Sample : K2823-03
 Misc : 6.06g/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 11-B

Quant Time: May 15 05:48:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:06:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	696842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1192910	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	902165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	429250	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	202379	38.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.88%	
35) Dibromofluoromethane	4.33	113	368603	41.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.04%	
50) Toluene-d8	7.73	98	792808	37.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.78%	
62) 4-Bromofluorobenzene	11.50	95	292412	40.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.04%	

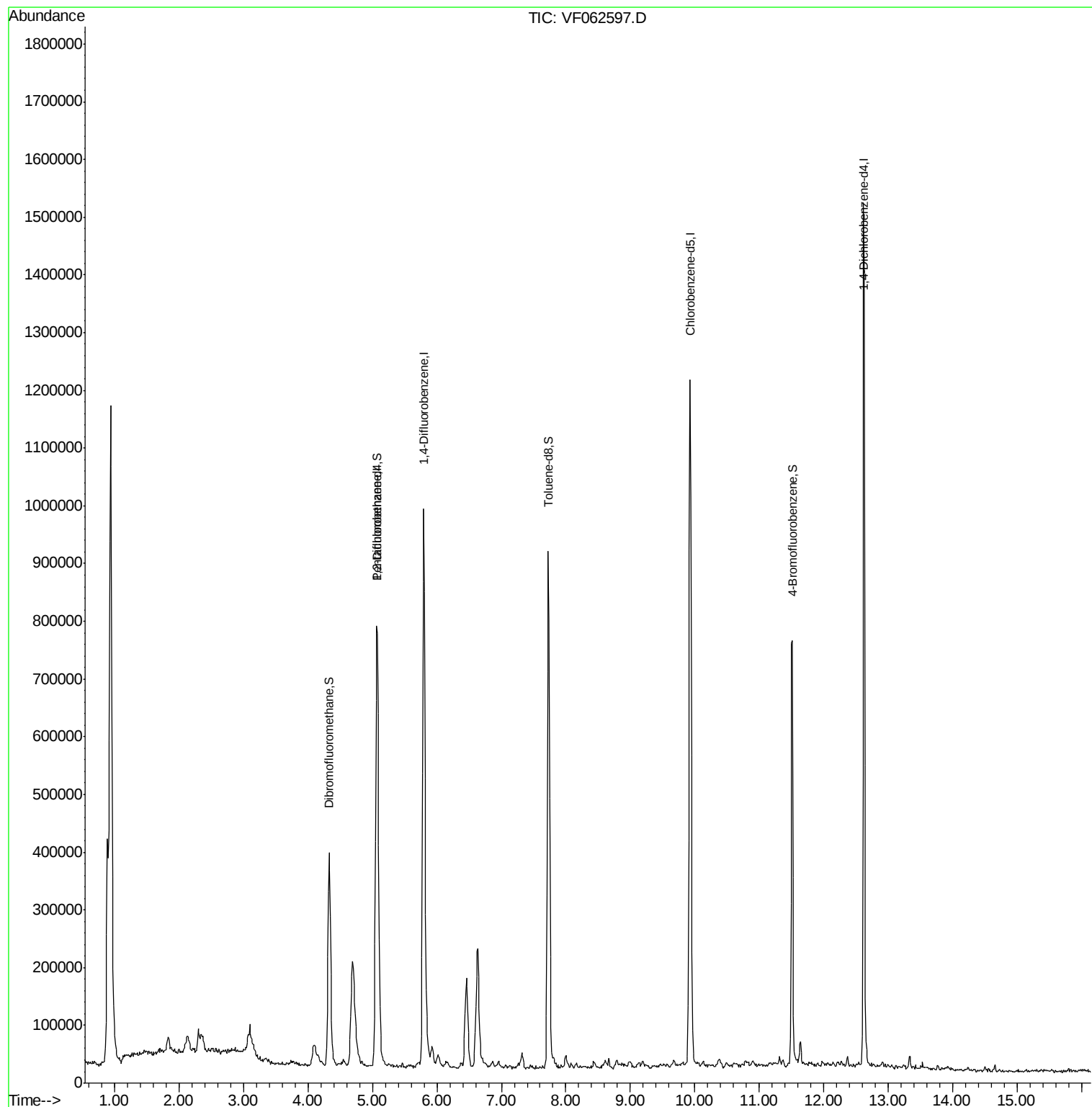
Target Compounds	Qvalue

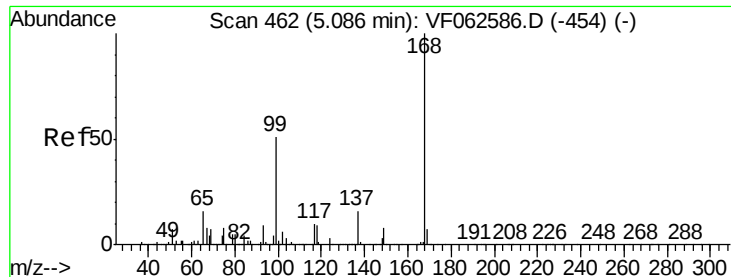
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. -0.01 min

Lab File: VF062597.D

Acq: 14 May 2019 23:29

Instrument :

MSVOA_F

ClientSampled :

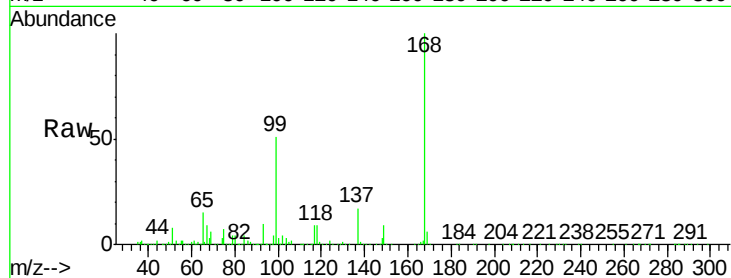
11-B

Tot Ion:168 Resp: 696842

Ion Ratio Lower Upper

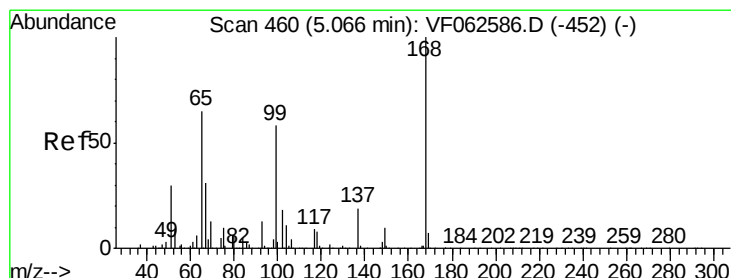
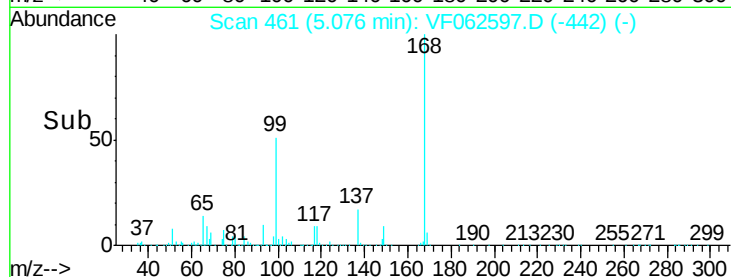
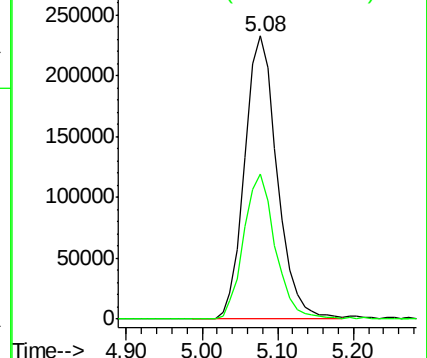
168 100

99 51.3 41.0 61.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 38.444 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062597.D

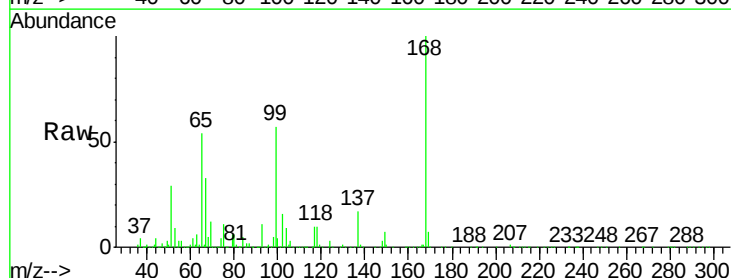
Acq: 14 May 2019 23:29

Tgt Ion: 65 Resp: 202379

Ion Ratio Lower Upper

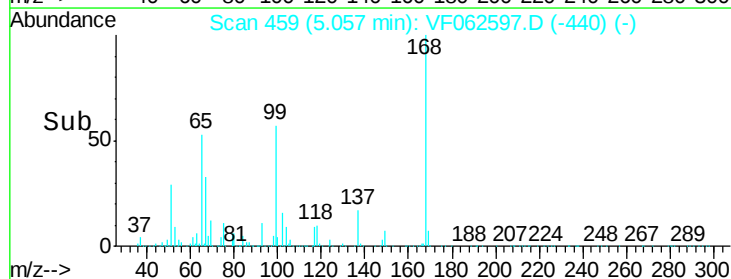
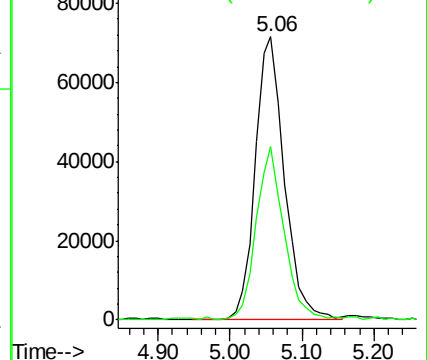
65 100

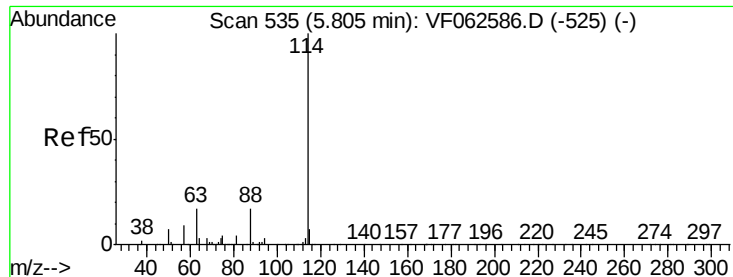
67 61.1 0.0 116.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

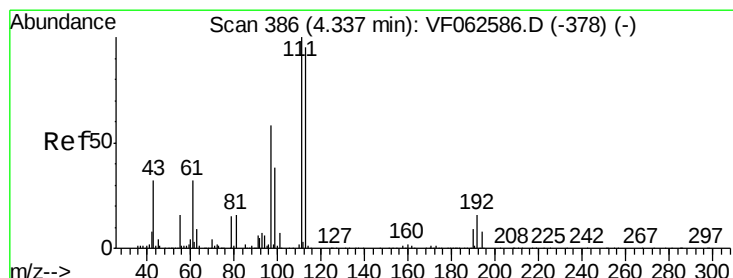
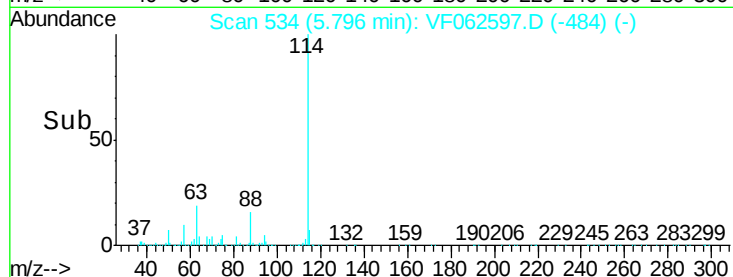
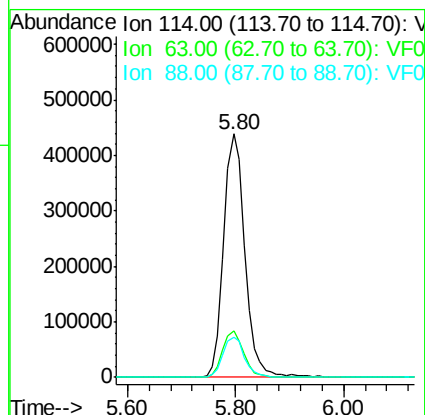
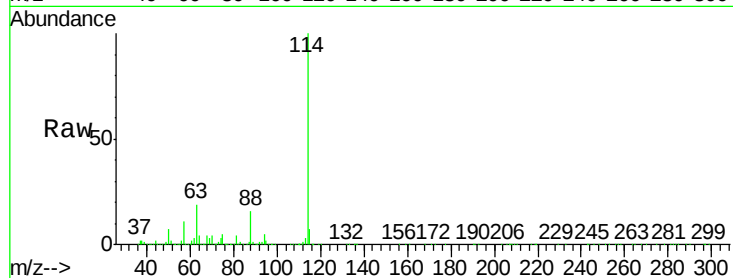




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VF062597.D
 Acq: 14 May 2019 23:29

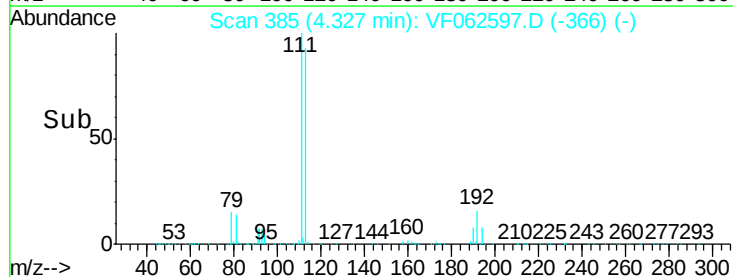
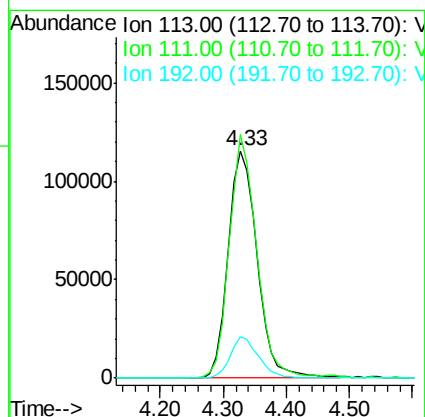
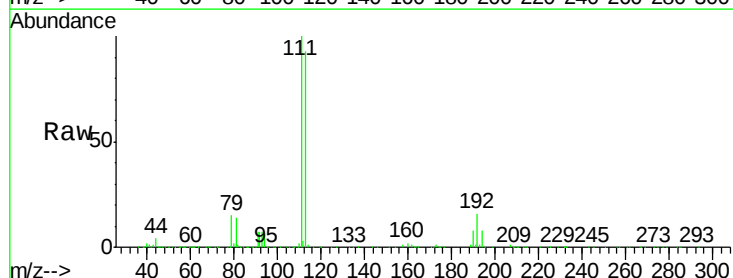
Instrument :
 MSVOA_F
 ClientSampled :
 11-B

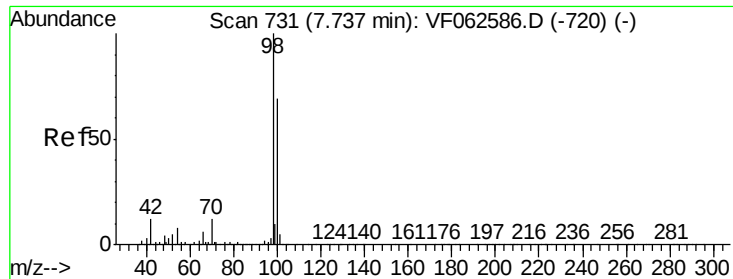
Tot Ion:114 Resp: 1192910
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 34.6
 88 16.3 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 41.516 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VF062597.D
 Acq: 14 May 2019 23:29

Tgt Ion:113 Resp: 368603
 Ion Ratio Lower Upper
 113 100
 111 107.2 83.9 125.9
 192 18.2 13.7 20.5

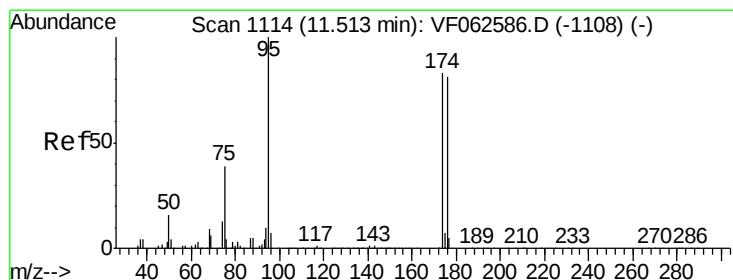
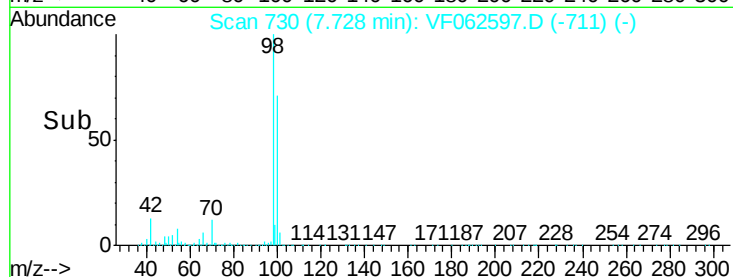
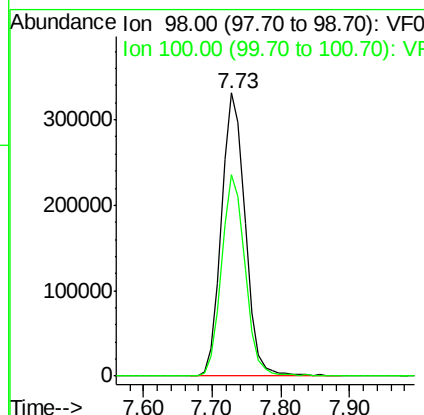
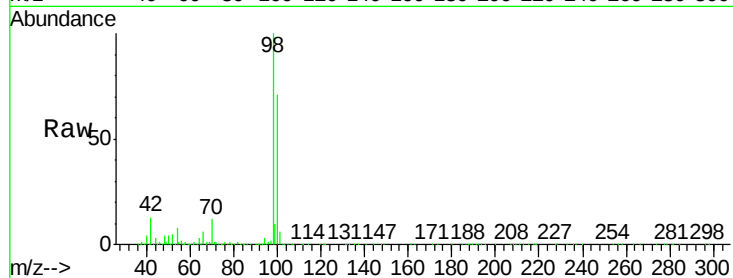




#50
Toluene-d8
Concen: 37.894 ug/l
RT: 7.73 min Scan# 730
Delta R.T. -0.01 min
Lab File: VF062597.D
Acq: 14 May 2019 23:29

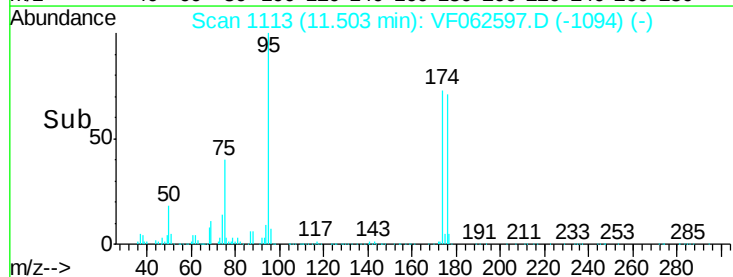
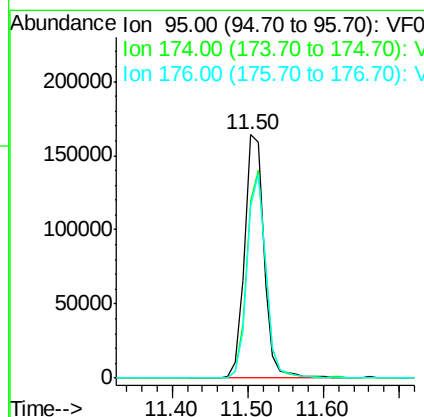
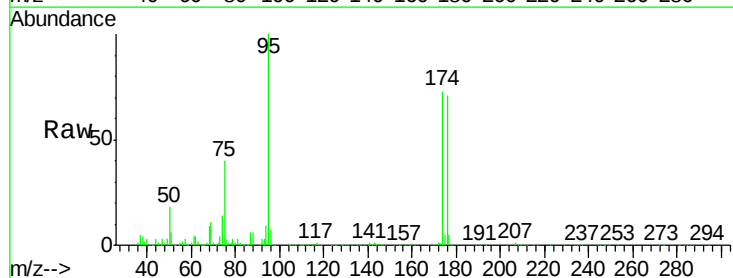
Instrument :
MSVOA_F
ClientSampleId :
11-B

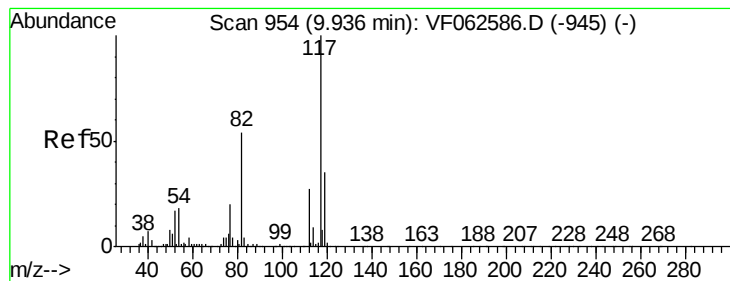
Tot Ion: 98 Resp: 792808
Ion Ratio Lower Upper
98 100
100 71.1 55.4 83.0



#62
4-Bromofluorobenzene
Concen: 40.020 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VF062597.D
Acq: 14 May 2019 23:29

Tgt Ion: 95 Resp: 292412
Ion Ratio Lower Upper
95 100
174 72.7 0.0 166.6
176 70.8 0.0 161.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF062597.D

Acq: 14 May 2019 23:29

Instrument :

MSVOA_F

ClientSampleId :

11-B

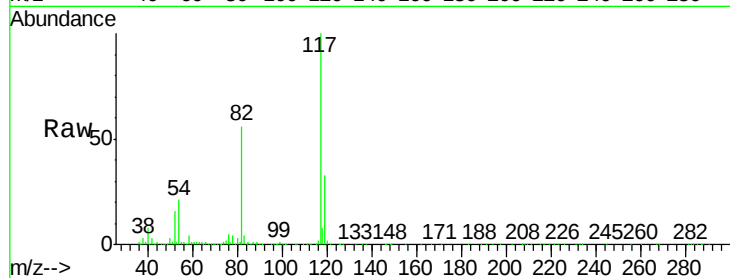
Tot Ion:117 Resp: 902165

Ion Ratio Lower Upper

117 100

82 56.0 43.4 65.0

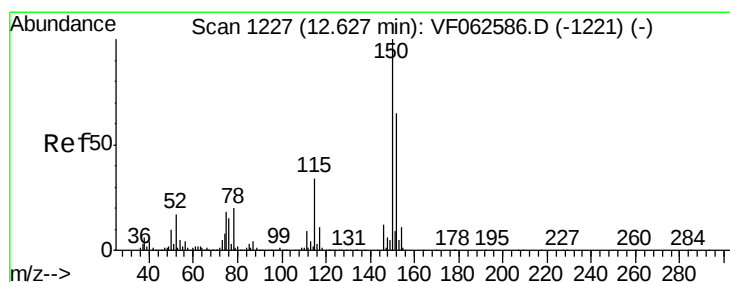
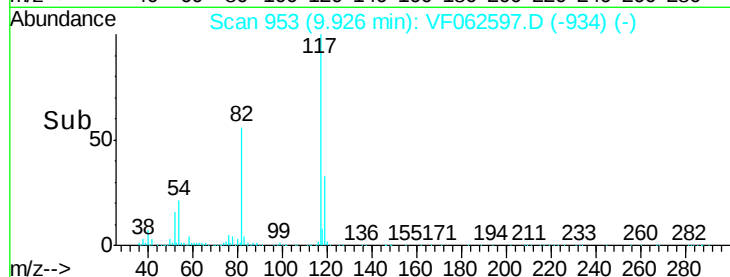
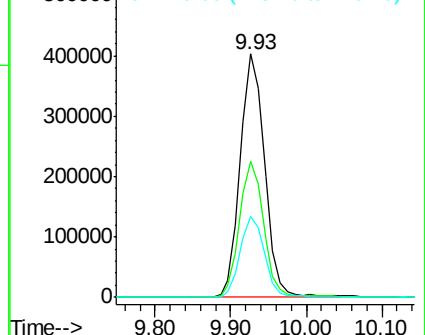
119 33.2 27.7 41.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VF062597.D

Acq: 14 May 2019 23:29

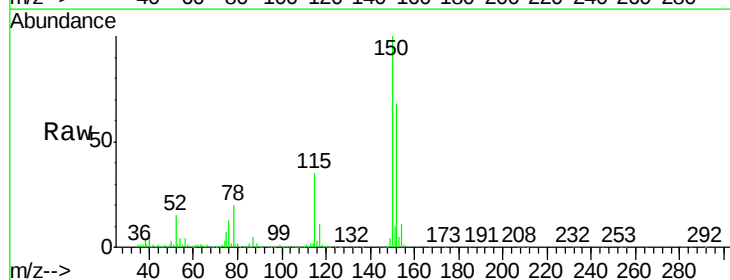
Tgt Ion:152 Resp: 429250

Ion Ratio Lower Upper

152 100

115 50.8 26.2 78.6

150 146.7 0.0 316.0



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

