

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062577.D
 Acq On : 14 May 2019 9:10
 Operator : FY/SY
 Sample : K2757-05
 Misc : 5.79g/5mL/MSVOA F/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS009-0612-01

Quant Time: May 14 11:18:03 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	301730	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	416962	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	322611	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	150560	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	134431	47.14	ug/l	0.04
Spiked Amount	50.000		Recovery	=	94.28%	
35) Dibromofluoromethane	4.33	113	155324	46.76	ug/l	0.03
Spiked Amount	50.000		Recovery	=	93.52%	
50) Toluene-d8	7.74	98	295824	36.79	ug/l	0.03
Spiked Amount	50.000		Recovery	=	73.58%	
62) 4-Bromofluorobenzene	11.51	95	117382	32.36	ug/l	0.02
Spiked Amount	50.000		Recovery	=	64.72%	

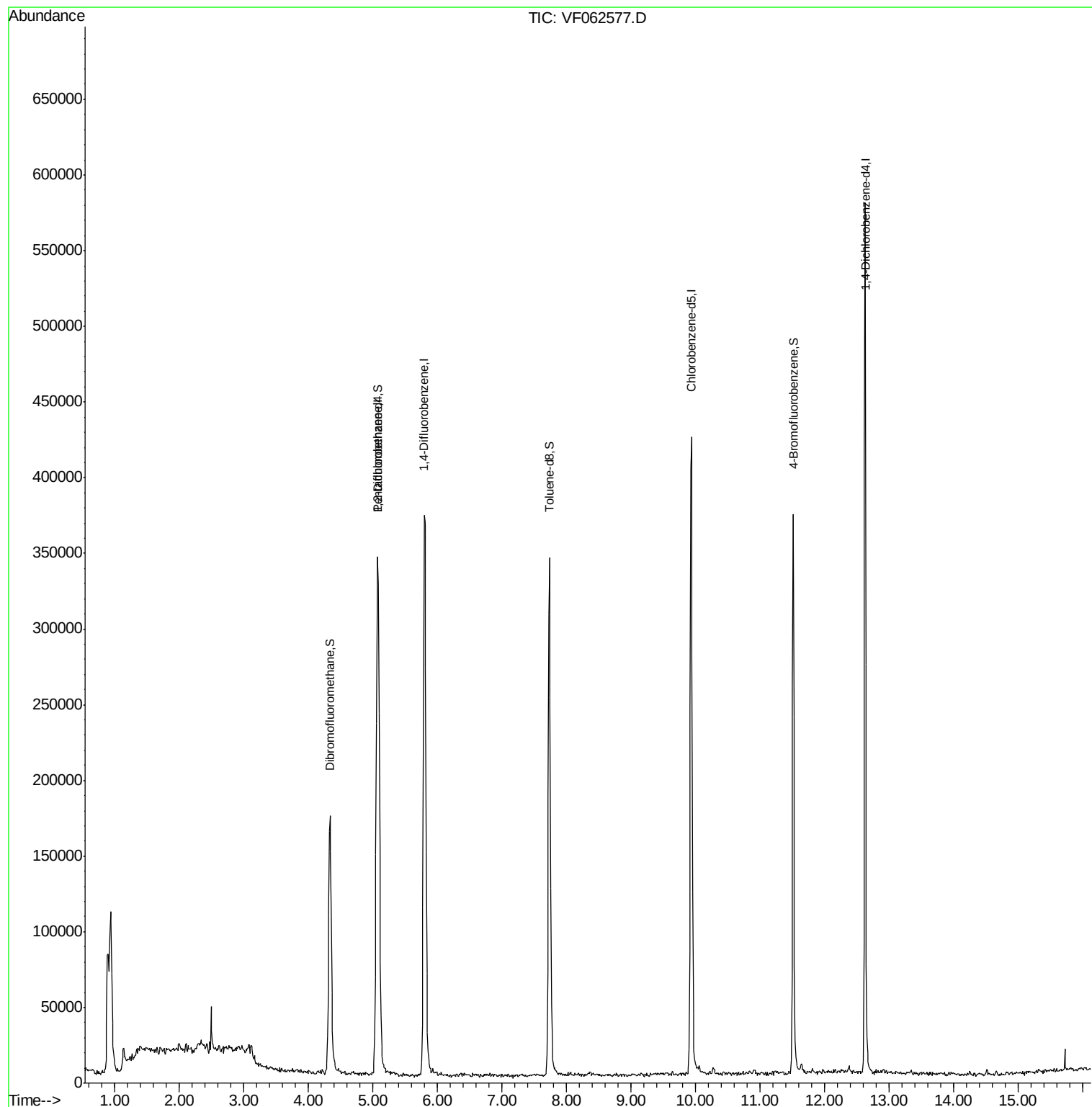
Target Compounds	Qvalue

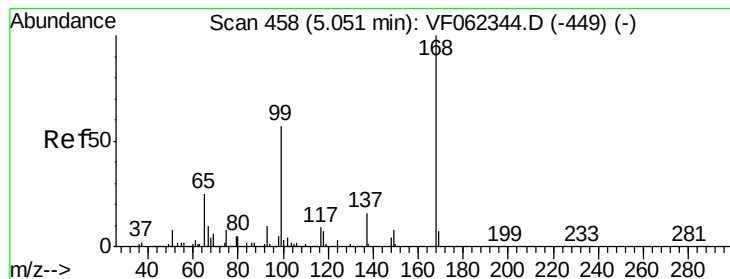
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 462

Delta R.T. 0.03 min

Lab File: VF062577.D

Acq: 14 May 2019 9:10

Instrument :

MSVOA_F

ClientSampleId :

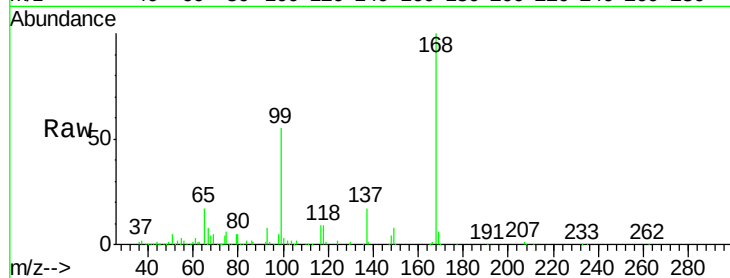
P021-SS009-0612-01

Tot Ion:168 Resp: 301730

Ion Ratio Lower Upper

168 100

99 54.6 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.08

100000

80000

60000

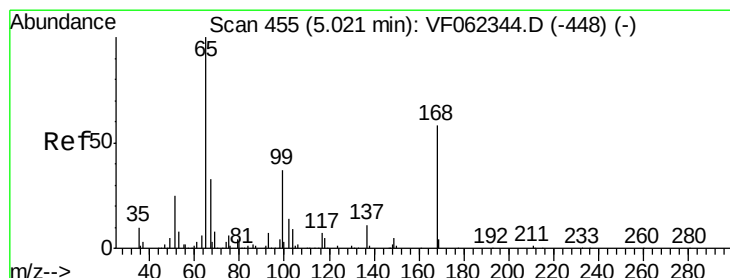
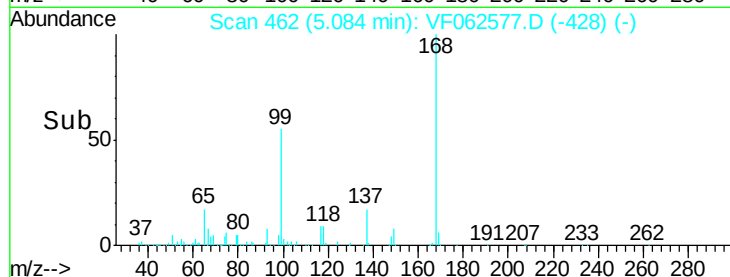
40000

20000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#33

1,2-Dichloroethane-d4

Concen: 47.144 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.04 min

Lab File: VF062577.D

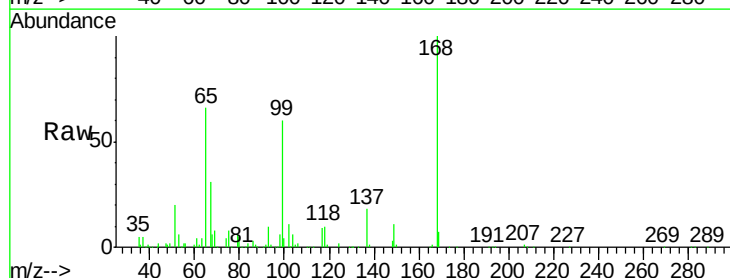
Acq: 14 May 2019 9:10

Tgt Ion: 65 Resp: 134431

Ion Ratio Lower Upper

65 100

67 46.4 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.06

50000

40000

30000

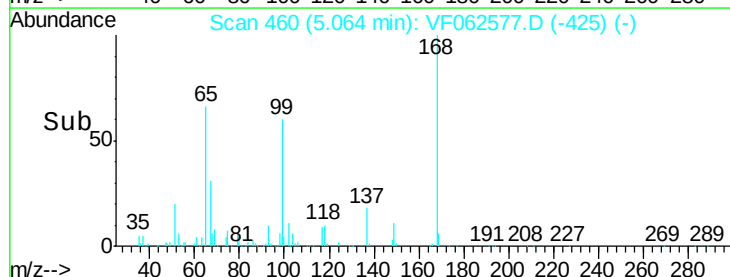
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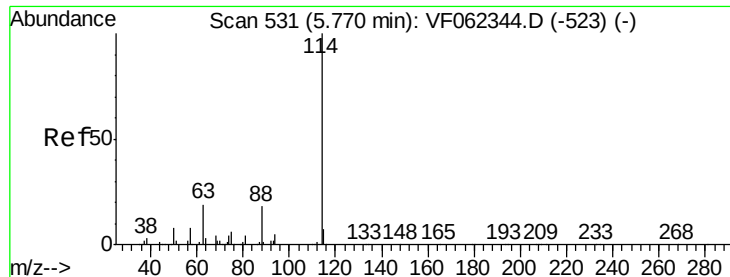
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0

Time-->

4.90 5.00 5.10 5.20

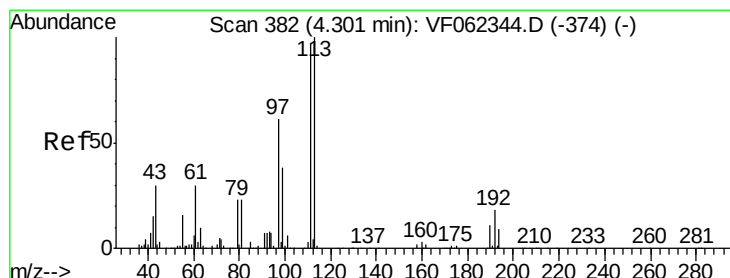
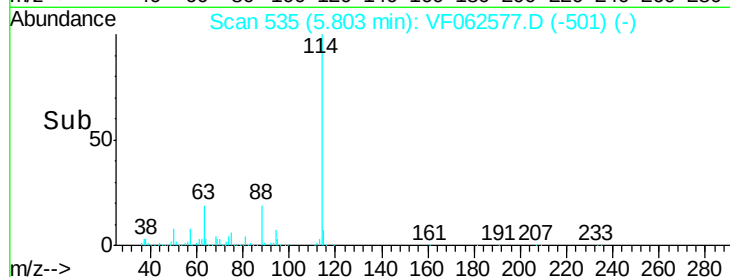
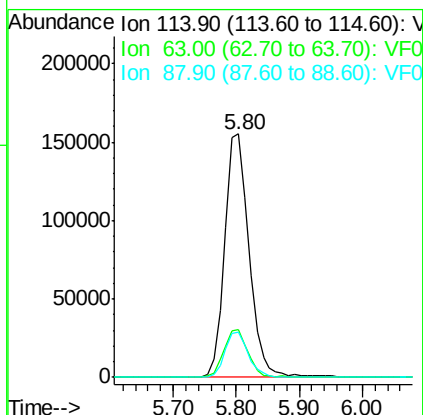
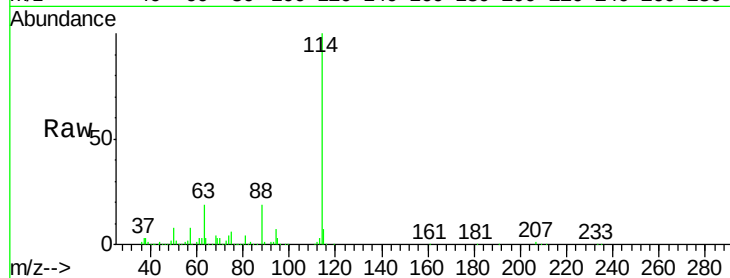




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 535
Delta R.T. 0.03 min
Lab File: VF062577.D
Acq: 14 May 2019 9:10

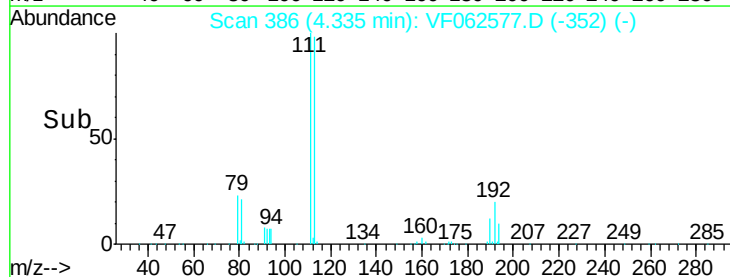
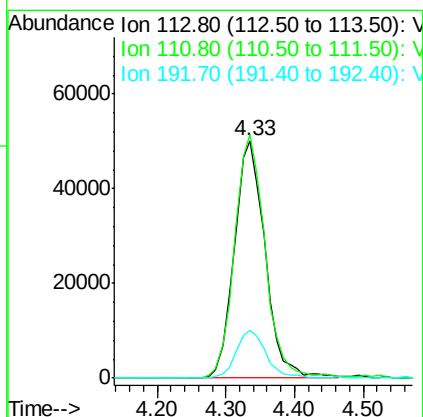
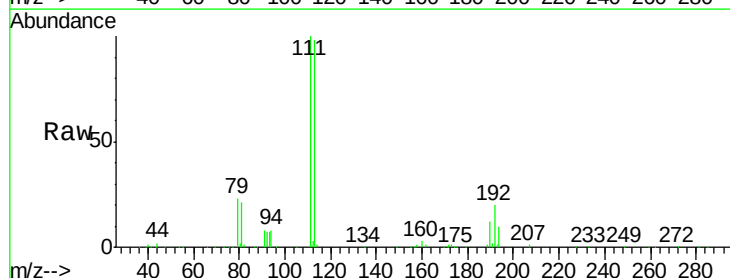
Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0612-01

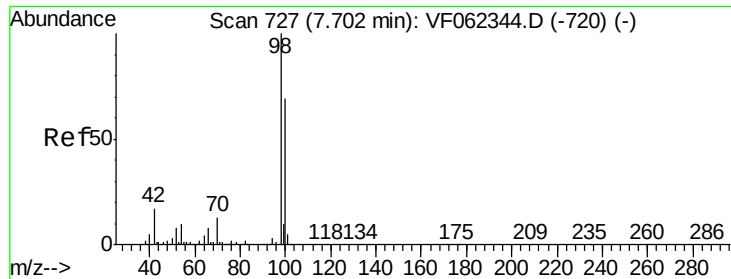
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.4
88	18.6	0.0	36.4



#35
Dibromofluoromethane
Concen: 46.758 ug/l
RT: 4.33 min Scan# 386
Delta R.T. 0.03 min
Lab File: VF062577.D
Acq: 14 May 2019 9:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	79.4	119.0
192	19.7	16.0	24.0

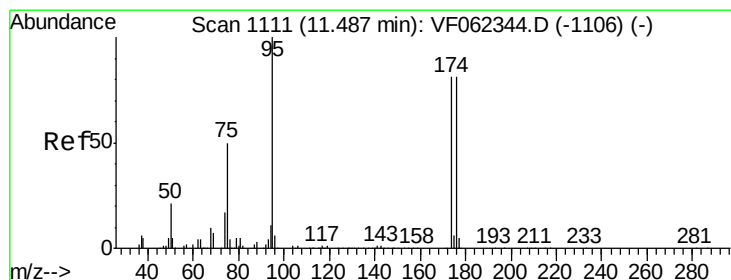
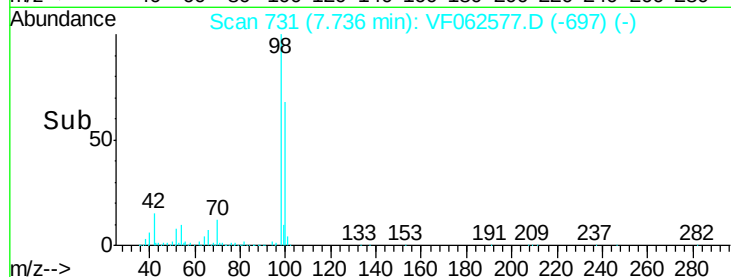
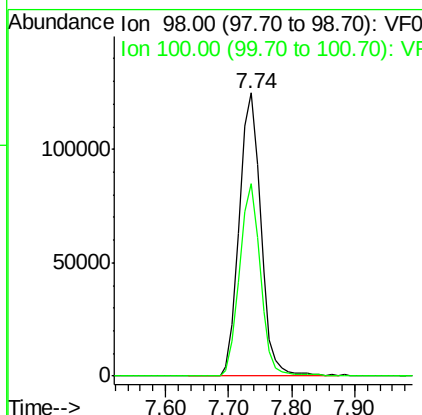
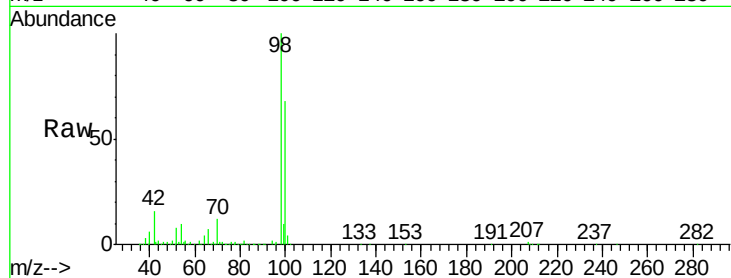




#50
Toluene-d8
Concen: 36.789 ug/l
RT: 7.74 min Scan# 731
Delta R.T. 0.03 min
Lab File: VF062577.D
Acq: 14 May 2019 9:10

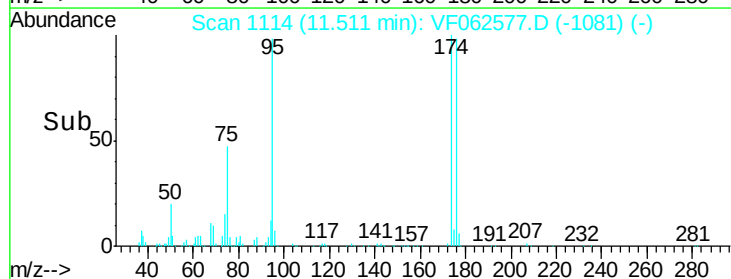
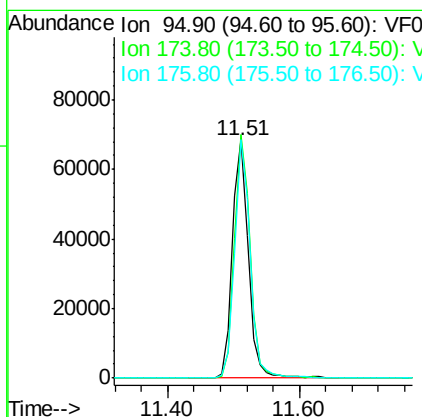
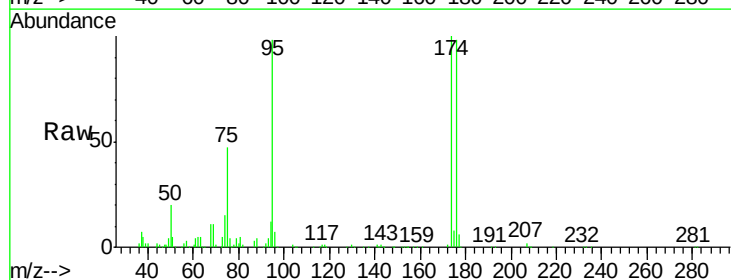
Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0612-01

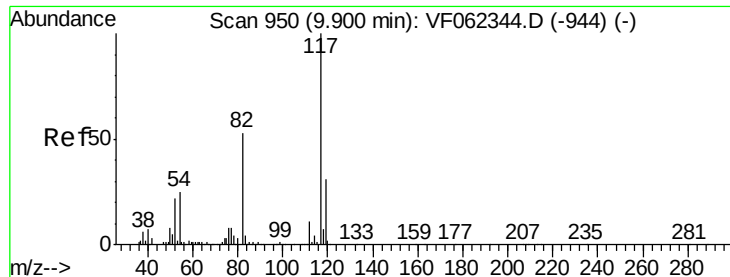
Tot Ion: 98 Resp: 295824
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 32.356 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062577.D
Acq: 14 May 2019 9:10

Tgt Ion: 95 Resp: 117382
Ion Ratio Lower Upper
95 100
174 100.8 0.0 191.8
176 97.2 0.0 193.2

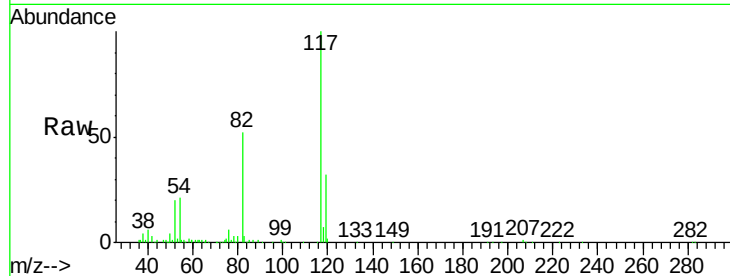




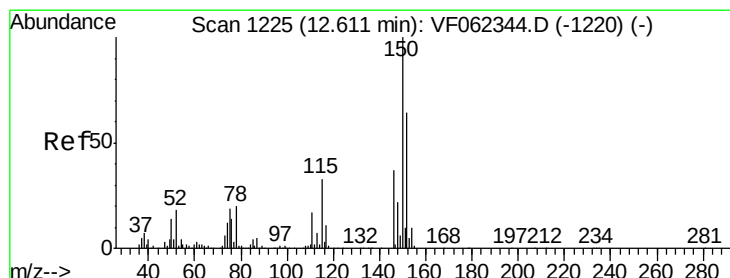
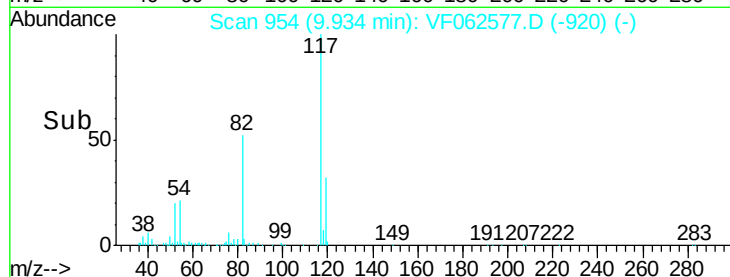
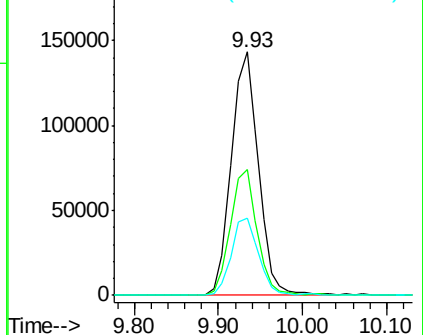
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.03 min
Lab File: VF062577.D
Acq: 14 May 2019 9:10

Instrument :
MSVOA_F
ClientSampleId :
P021-SS009-0612-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	42.2	63.2
119	31.8	25.0	37.4

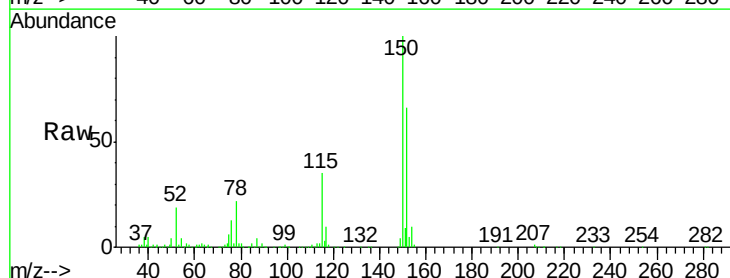


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. 0.01 min
Lab File: VF062577.D
Acq: 14 May 2019 9:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	26.4	79.2
150	154.0	0.0	335.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

