

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062507.D
 Acq On : 12 May 2019 17:09
 Operator : FY/SY
 Sample : K2734-09
 Misc : 5.69g/5mL/MSVOA F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS012-1218-01

Quant Time: May 13 05:46:04 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	64803	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	128277	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	79159	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	29741	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	86347	140.99	ug/l	0.03
Spiked Amount 50.000			Recovery	=	281.98%	
35) Dibromofluoromethane	4.33	113	82201	80.43	ug/l	0.03
Spiked Amount 50.000			Recovery	=	160.86%	
50) Toluene-d8	7.73	98	63040	25.48	ug/l	0.03
Spiked Amount 50.000			Recovery	=	50.96%	
62) 4-Bromofluorobenzene	11.51	95	23718	21.25	ug/l	0.02
Spiked Amount 50.000			Recovery	=	42.50%	

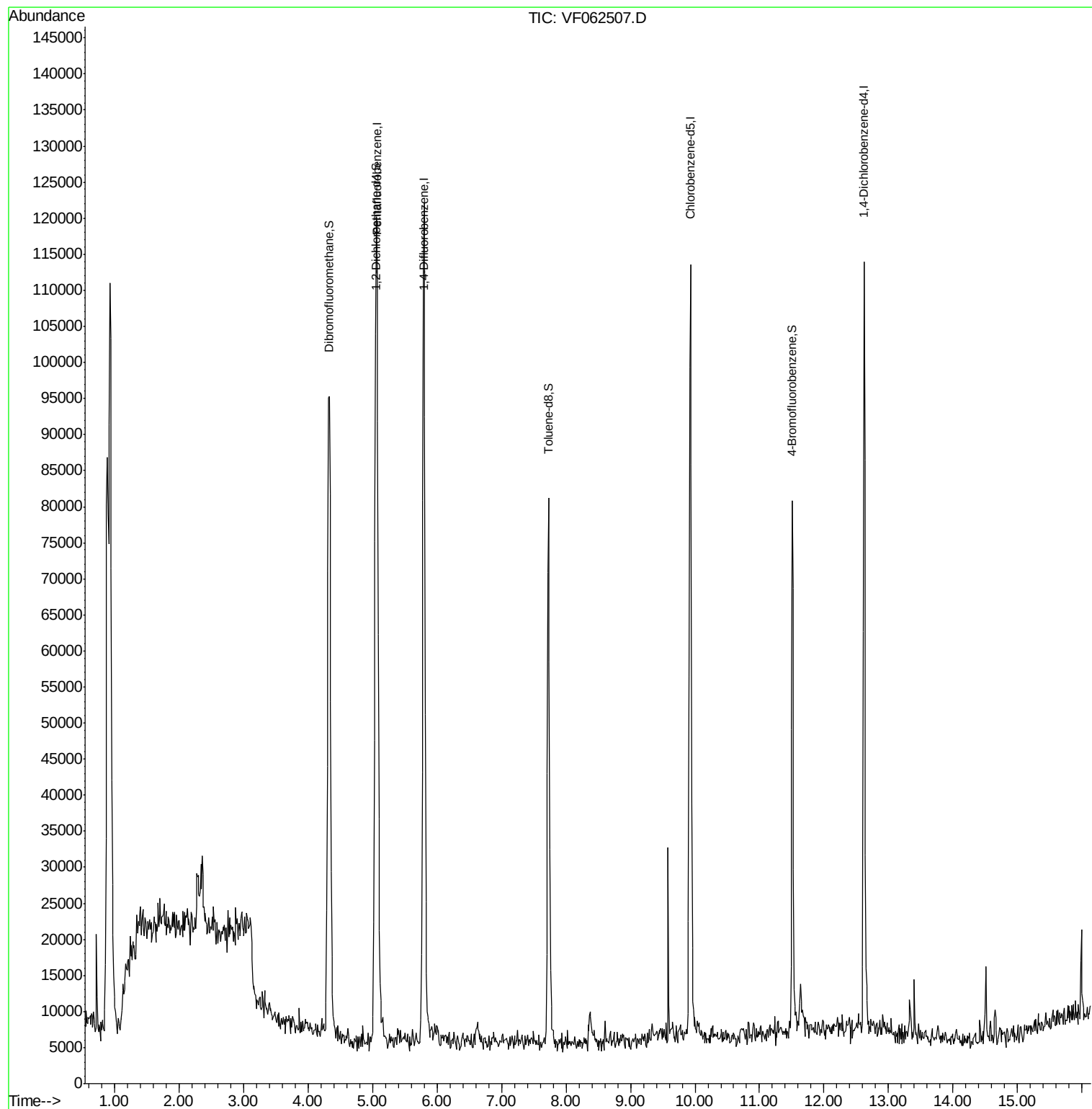
Target Compounds	Qvalue
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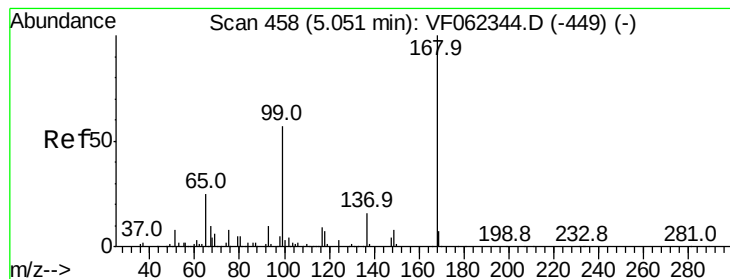
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.03 min

Lab File: VF062507.D

Acq: 12 May 2019 17:09

Instrument :

MSVOA_F

ClientSampleId :

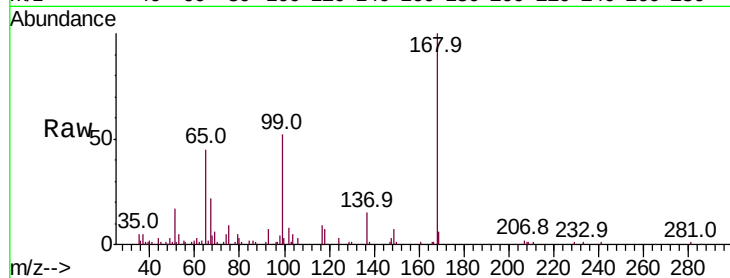
P026-SS012-1218-01

Tot Ion:168 Resp: 64803

Ion Ratio Lower Upper

168 100

99 51.9 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

25000

20000

15000

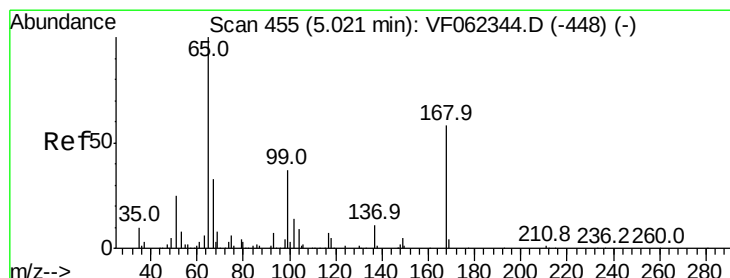
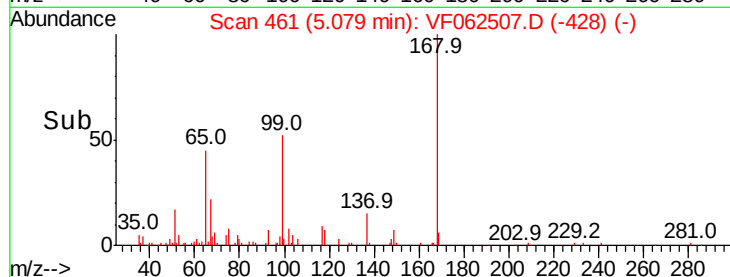
10000

5000

0

Time-->

5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 140.994 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062507.D

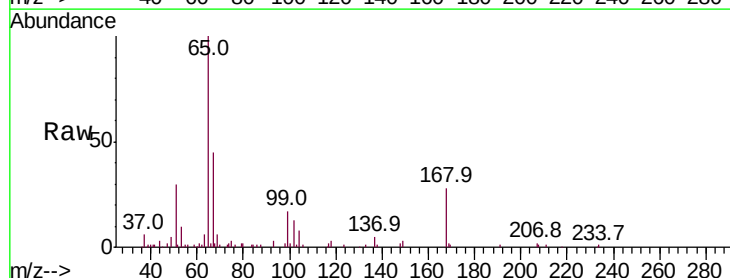
Acq: 12 May 2019 17:09

Tgt Ion: 65 Resp: 86347

Ion Ratio Lower Upper

65 100

67 48.0 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.05

30000

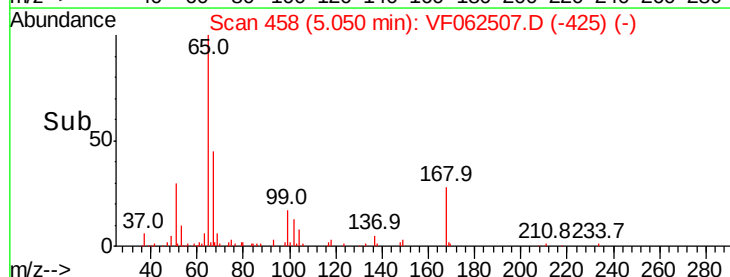
20000

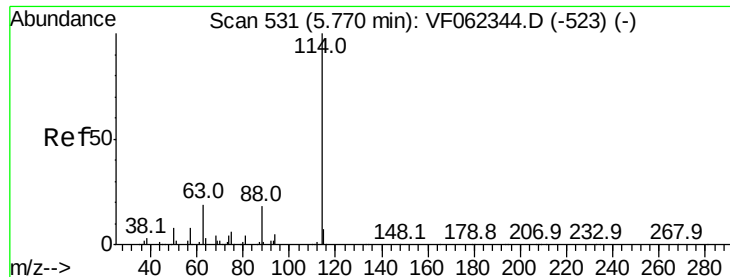
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0

Time-->

4.90 5.00 5.10 5.20

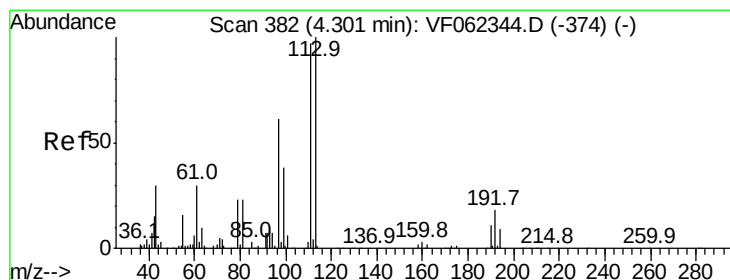
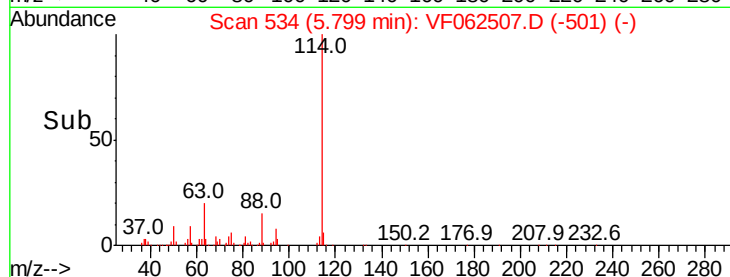
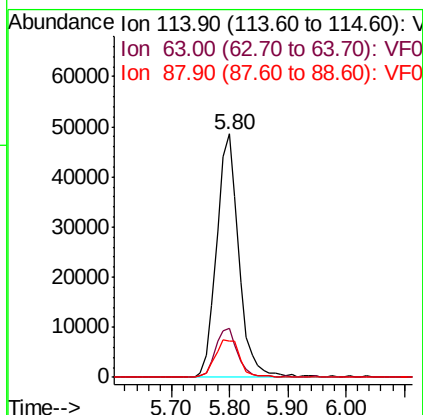
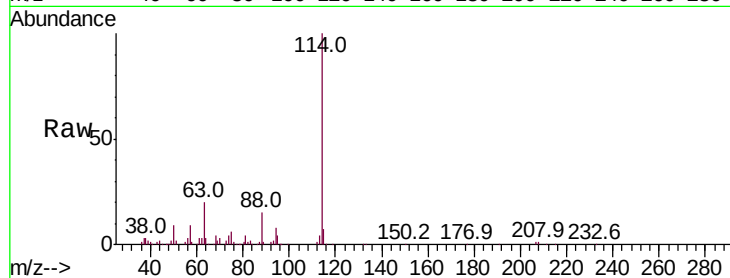




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. 0.03 min
 Lab File: VF062507.D
 Acq: 12 May 2019 17:09

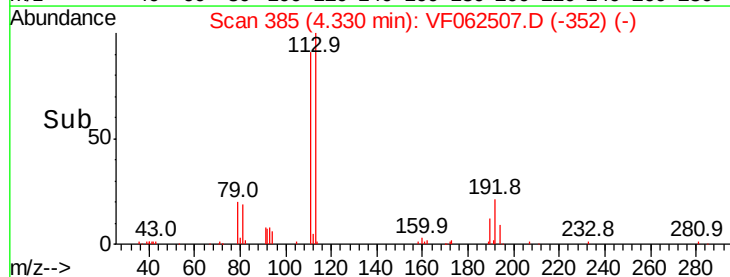
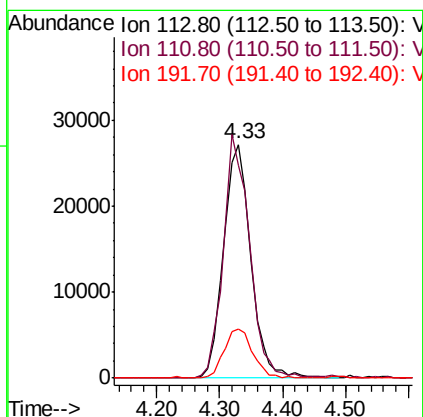
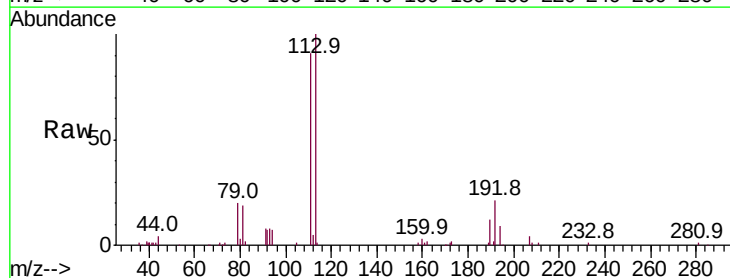
Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS012-1218-01

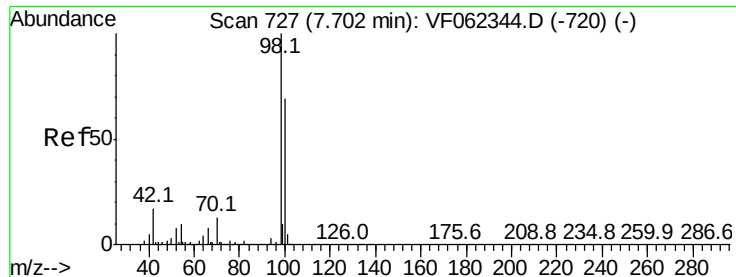
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	37.4
88	15.0	0.0	36.4



#35
 Dibromofluoromethane
 Concen: 80.435 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. 0.03 min
 Lab File: VF062507.D
 Acq: 12 May 2019 17:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.0	79.4	119.0
192	21.8	16.0	24.0

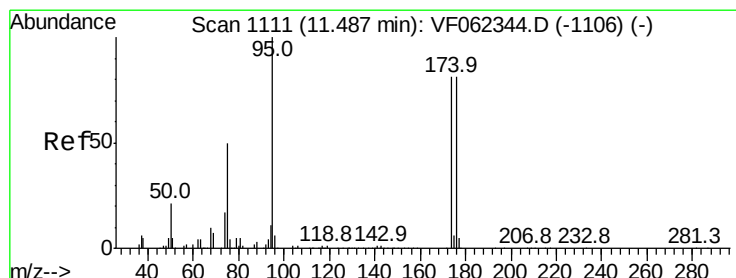
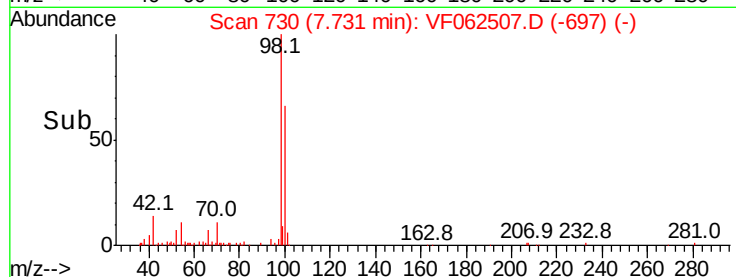
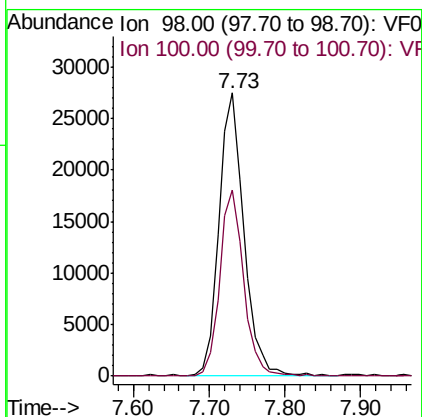
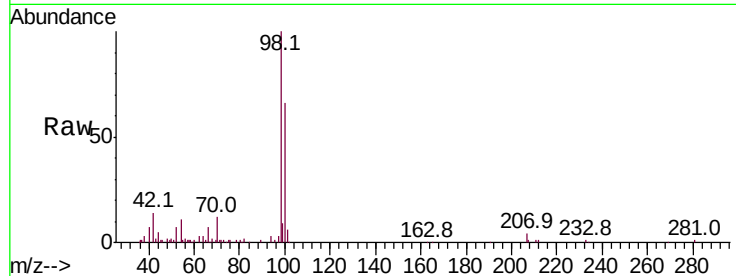




#50
Toluene-d8
Concen: 25.483 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062507.D
Acq: 12 May 2019 17:09

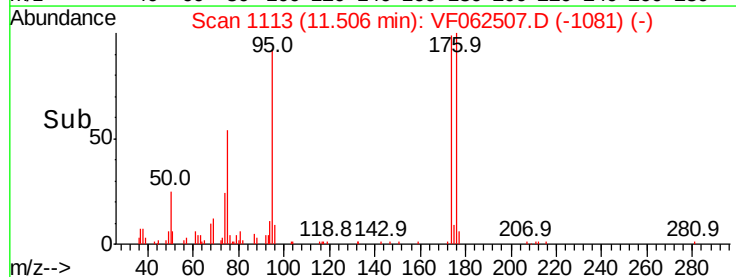
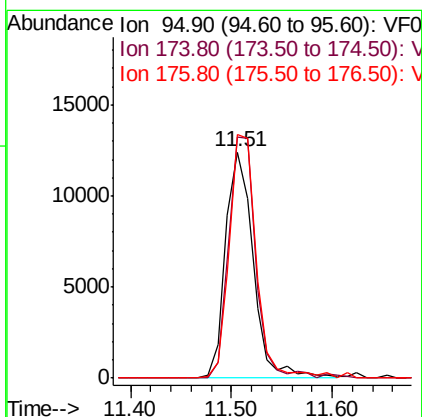
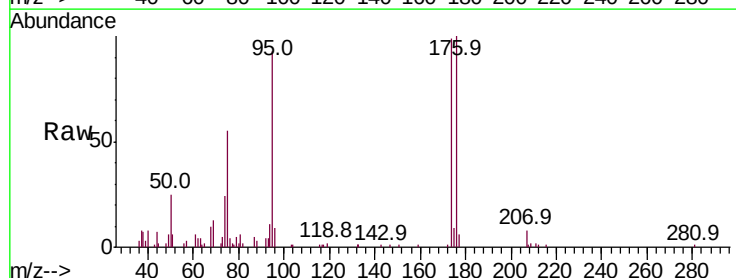
Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-1218-01

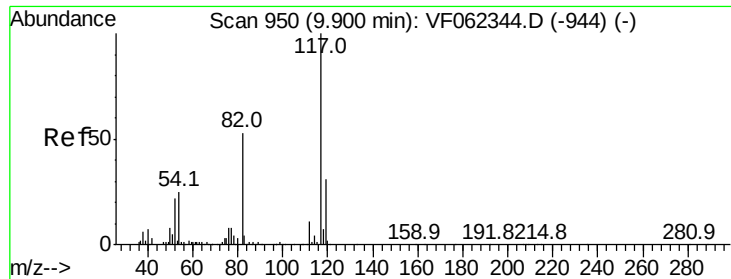
Tot Ion: 98 Resp: 63040
Ion Ratio Lower Upper
98 100
100 62.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 21.251 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062507.D
Acq: 12 May 2019 17:09

Tgt Ion: 95 Resp: 23718
Ion Ratio Lower Upper
95 100
174 103.0 0.0 191.8
176 105.1 0.0 193.2

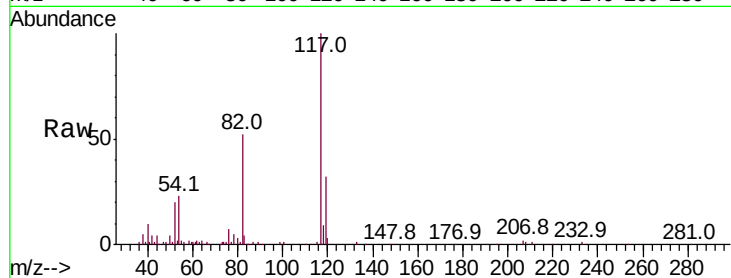




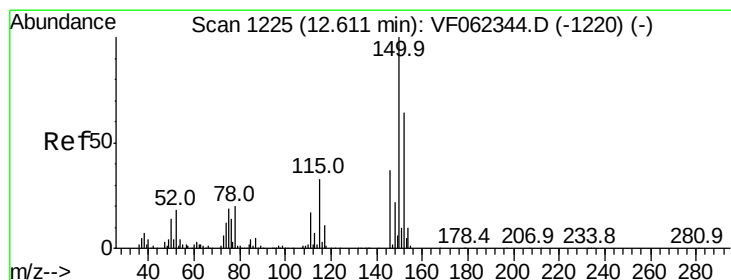
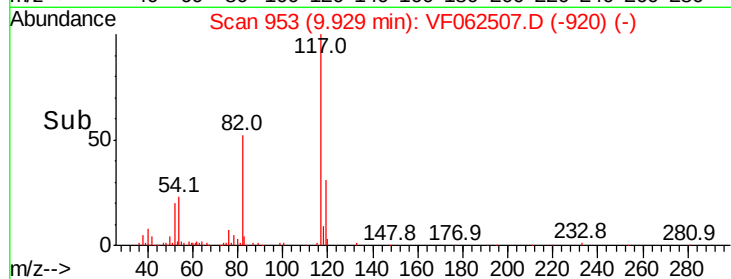
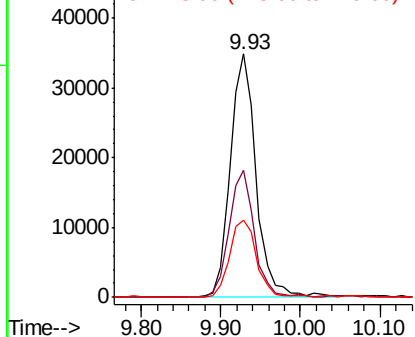
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062507.D
Acq: 12 May 2019 17:09

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-1218-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.2	63.2
119	31.8	25.0	37.4

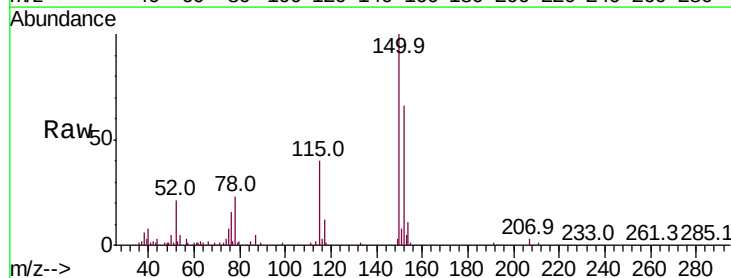


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062507.D
Acq: 12 May 2019 17:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	26.4	79.2
150	147.0	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

