

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051319\
 Data File : VF062555.D
 Acq On : 13 May 2019 21:31
 Operator : FY/SY
 Sample : K2733-12RE
 Misc : 5.51g/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS002-1218-01RE

Quant Time: May 14 07:56:38 2019
 Quant Method : Z:\VOASRV\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	271117	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.80	114	352336	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	227161	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.63	152	85010	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.06	65	122601	47.85	ug/l	0.04
Spiked Amount			Recovery	=	95.70%	
35) Dibromofluoromethane	4.33	113	137592	49.02	ug/l	0.03
Spiked Amount			Recovery	=	98.04%	
50) Toluene-d8	7.73	98	232084	34.16	ug/l	0.03
Spiked Amount			Recovery	=	68.32%	
62) 4-Bromofluorobenzene	11.50	95	72936	23.79	ug/l	0.02
Spiked Amount			Recovery	=	47.58%	

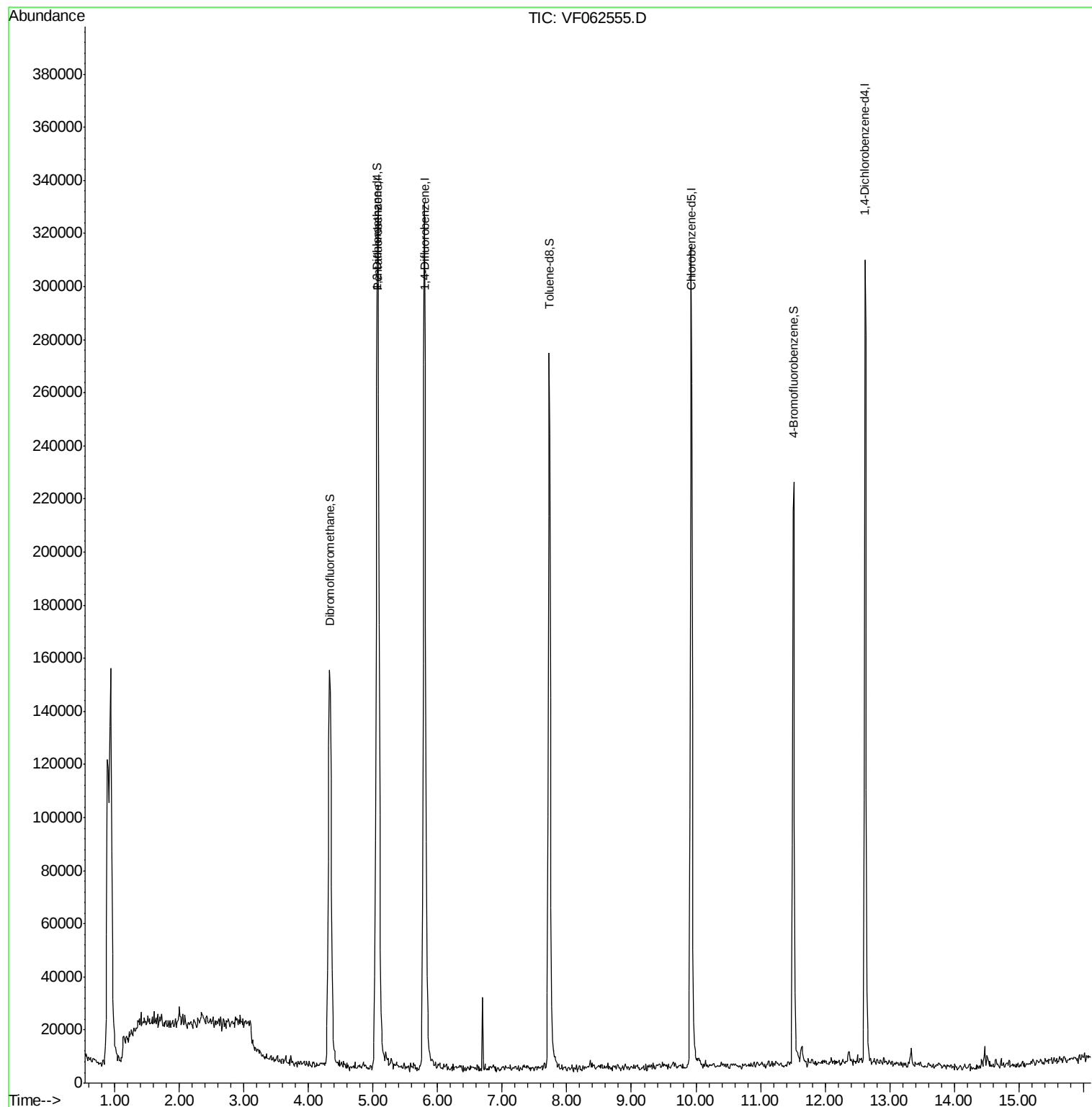
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF062555.D

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ClientSampleId :

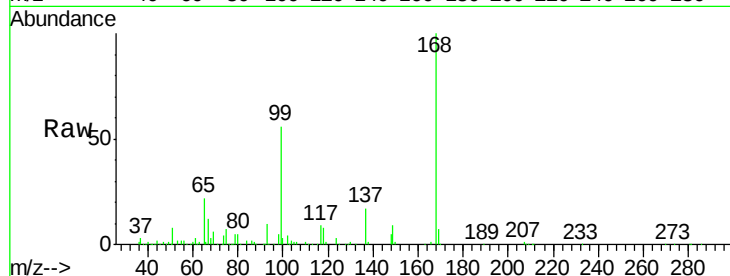
P021-SS002-1218-01RE

Tot Ion:168 Resp: 271117

Ion Ratio Lower Upper

168 100

99 56.5 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

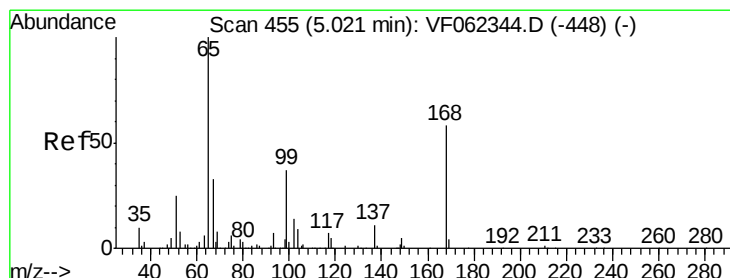
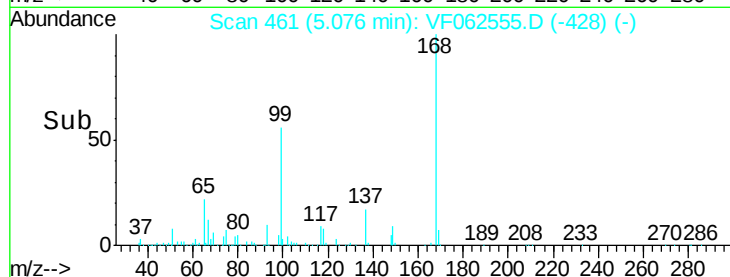
60000

40000

20000

0

Time--> 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 47.850 ug/l

RT: 5.06 min Scan# 459

Delta R.T. 0.04 min

Lab File: VF062555.D

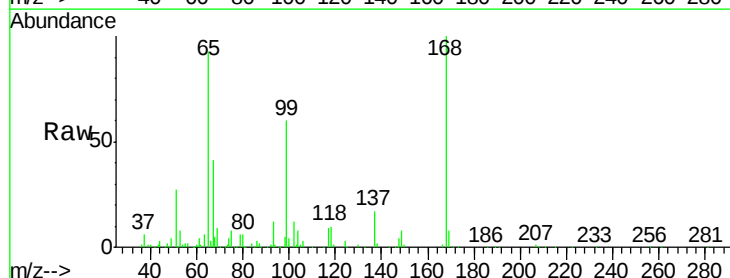
Acq: 13 May 2019 21:31

Tgt Ion: 65 Resp: 122601

Ion Ratio Lower Upper

65 100

67 44.8 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

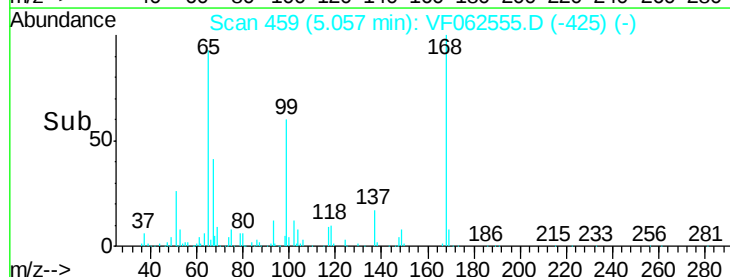
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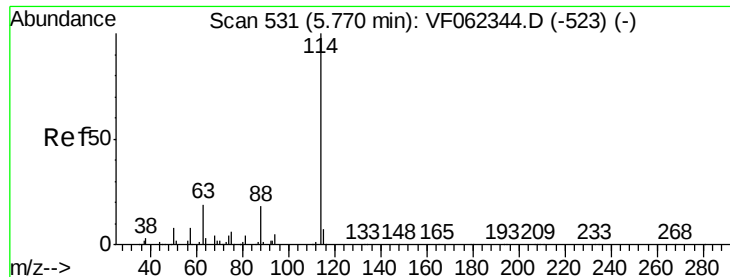
20000

10000

0

Time--> 4.90 5.00 5.10 5.20

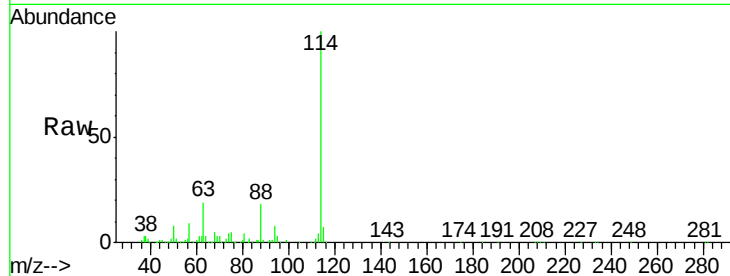




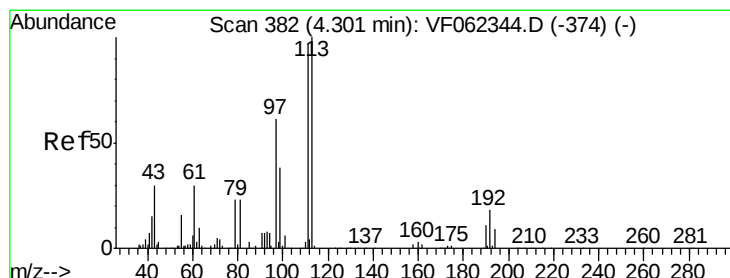
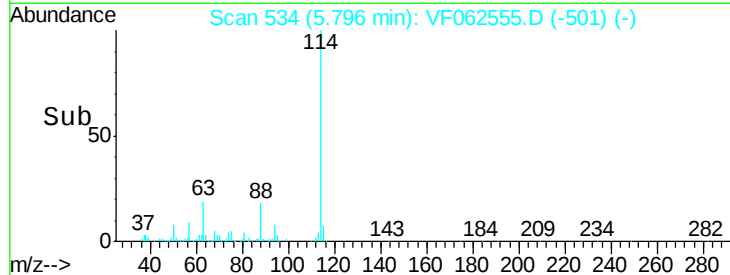
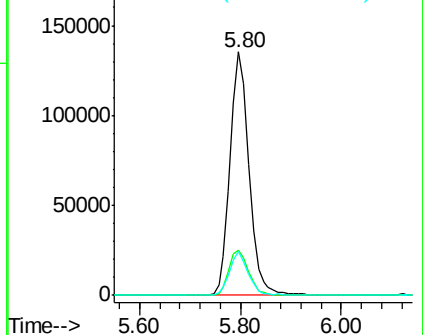
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.80 min Scan# 534
Delta R.T. 0.03 min
Lab File: VF062555.D
Acq: 13 May 2019 21:31

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1218-01RE

Tot Ion:	114	Resp:	352336
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	37.4
88	17.9	0.0	36.4

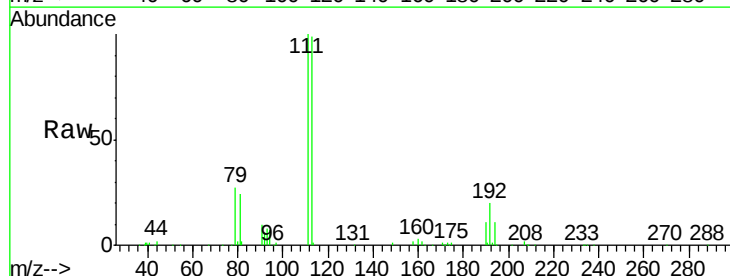


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 87.90 (87.60 to 88.60): VF0

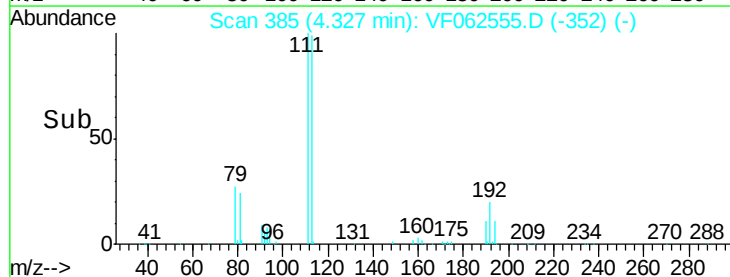
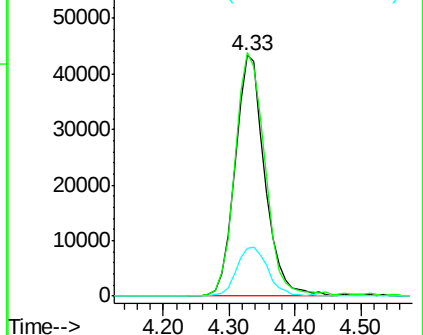


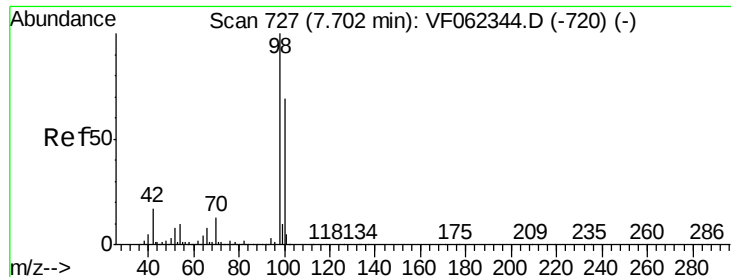
#35
Dibromofluoromethane
Concen: 49.017 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.03 min
Lab File: VF062555.D
Acq: 13 May 2019 21:31

Tgt Ion:	113	Resp:	137592
Ion	Ratio	Lower	Upper
113	100		
111	102.6	79.4	119.0
192	21.2	16.0	24.0



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

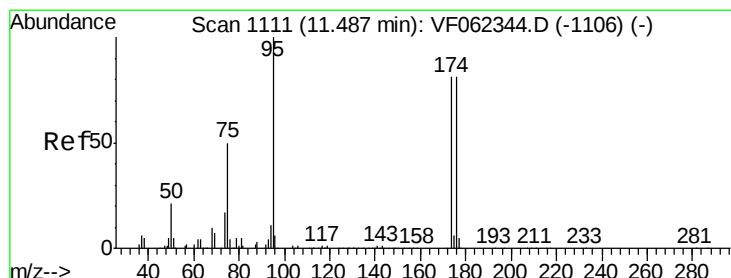
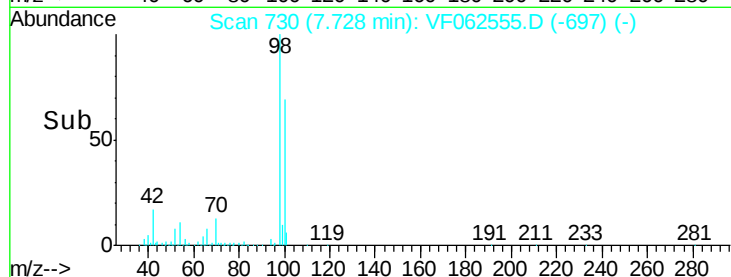
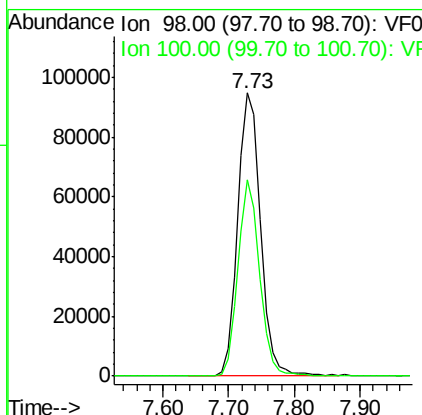
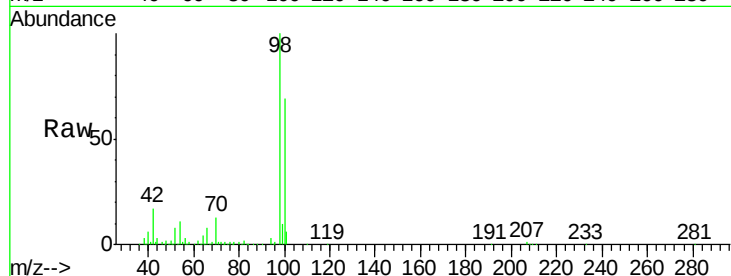




#50
Toluene-d8
Concen: 34.156 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062555.D
Acq: 13 May 2019 21:31

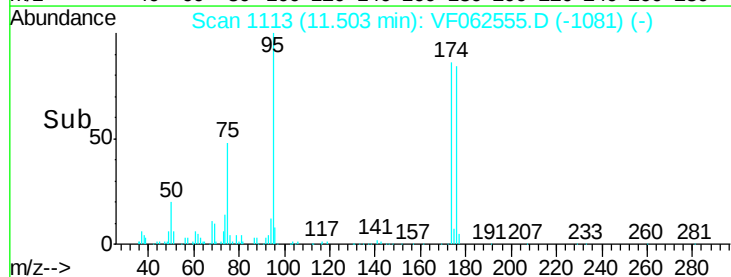
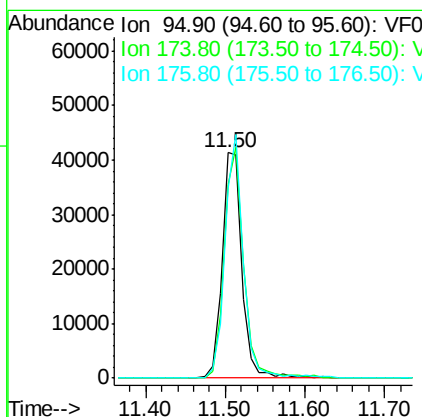
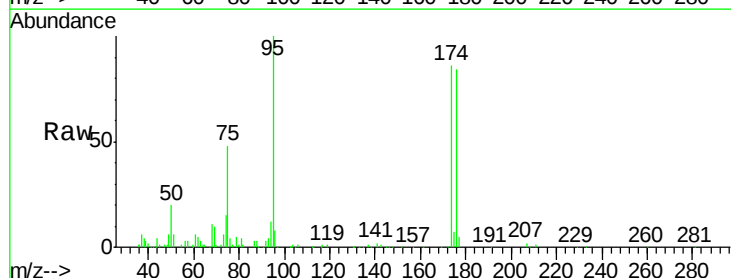
Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1218-01RE

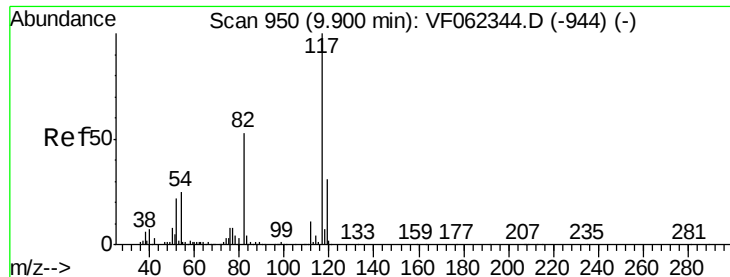
Tot Ion: 98 Resp: 232084
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 23.792 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062555.D
Acq: 13 May 2019 21:31

Tgt Ion: 95 Resp: 72936
Ion Ratio Lower Upper
95 100
174 100.4 0.0 191.8
176 100.2 0.0 193.2

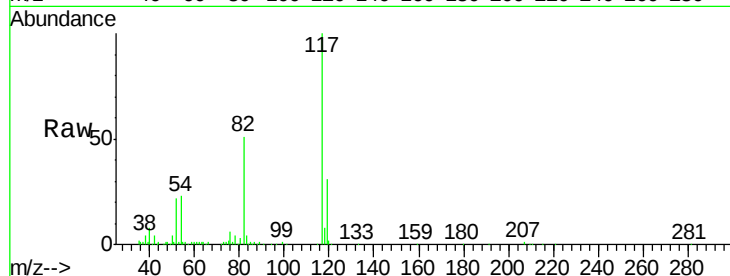




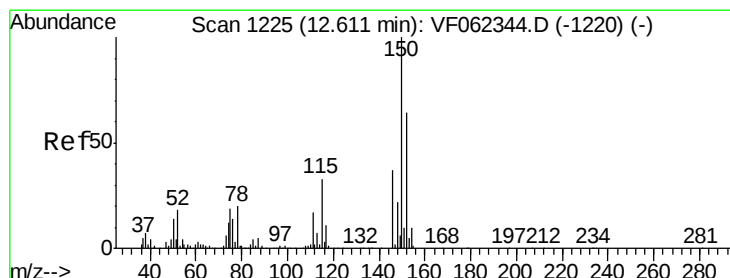
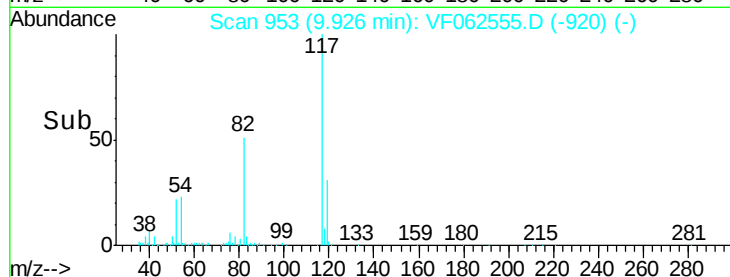
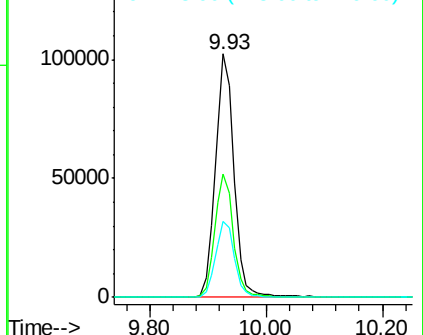
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062555.D
Acq: 13 May 2019 21:31

Instrument :
MSVOA_F
ClientSampleId :
P021-SS002-1218-01RE

Tot Ion:117 Resp: 227161
Ion Ratio Lower Upper
117 100
82 50.7 42.2 63.2
119 31.3 25.0 37.4

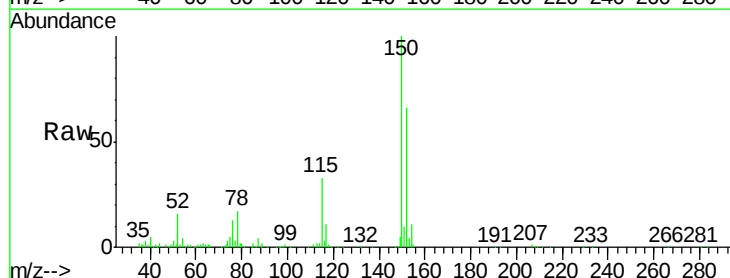


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.02 min
Lab File: VF062555.D
Acq: 13 May 2019 21:31

Tgt Ion:152 Resp: 85010
Ion Ratio Lower Upper
152 100
115 52.9 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

