

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050719\
 Data File : VF062354.D
 Acq On : 7 May 2019 13:41
 Operator : FY/SY
 Sample : K2667-03
 Misc : 5.61g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-B

Quant Time: May 07 15:44:12 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	5.04	168	309897	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.77	114	416016	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	324954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	175536	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	132350	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
35) Dibromofluoromethane	4.29	113	160353	48.38	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	7.70	98	316244	39.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.84%	
62) 4-Bromofluorobenzene	11.49	95	138495	38.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.52%	

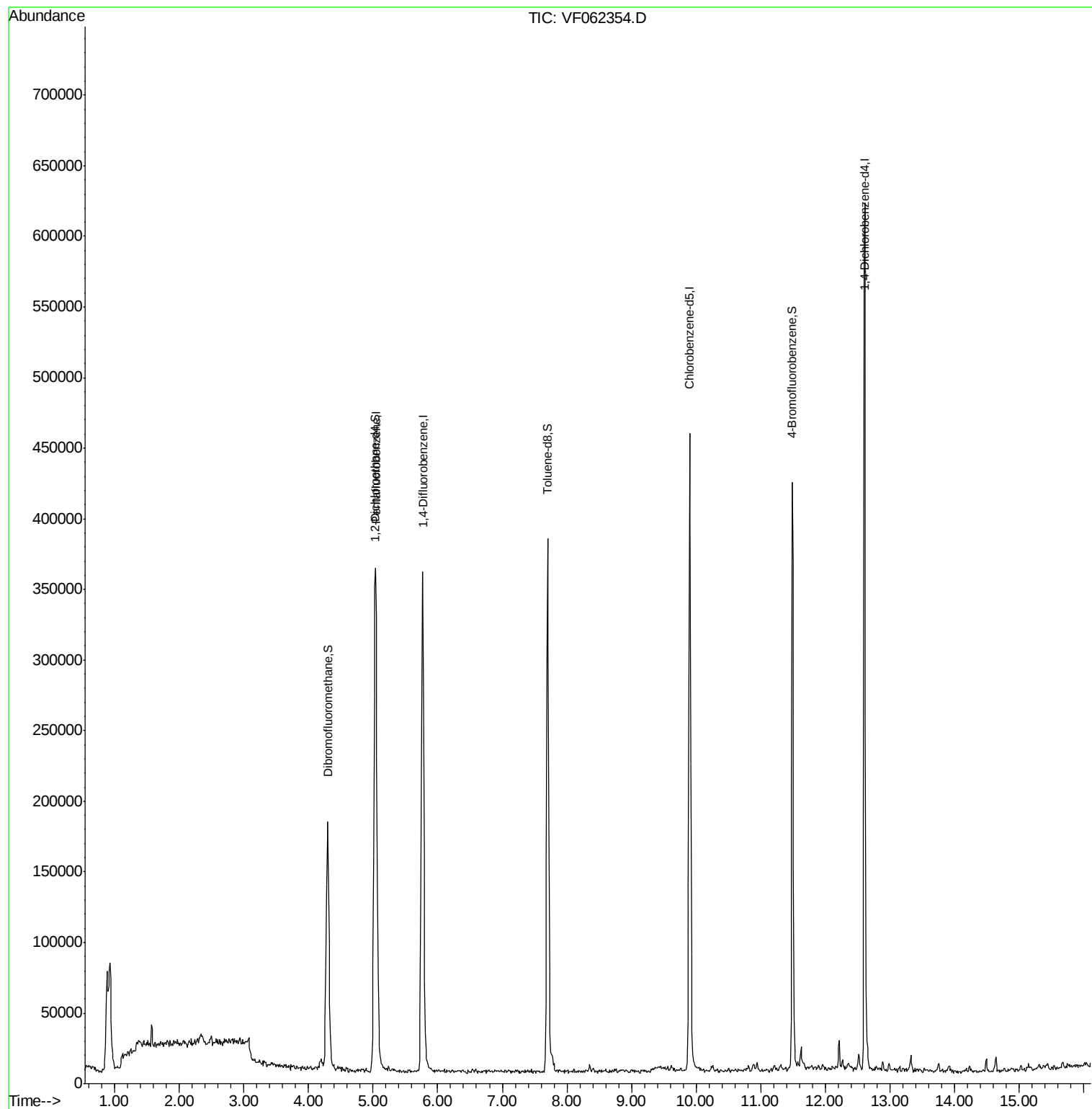
Target Compounds	Qvalue
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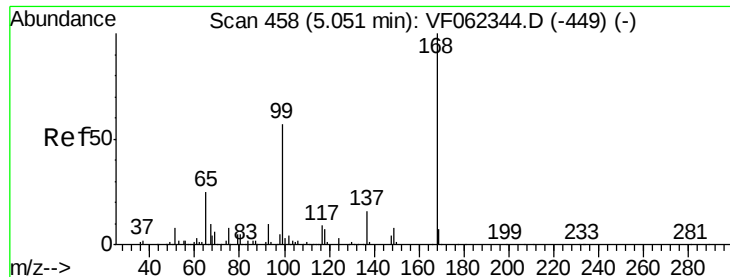
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF062354.D

Acq: 7 May 2019 13:41

Instrument :

MSVOA_F

ClientSampleId :

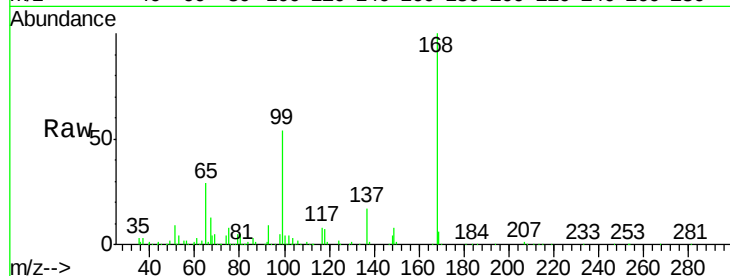
SP-1-B

Tot Ion:168 Resp: 309897

Ion Ratio Lower Upper

168 100

99 54.2 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.04

100000

80000

60000

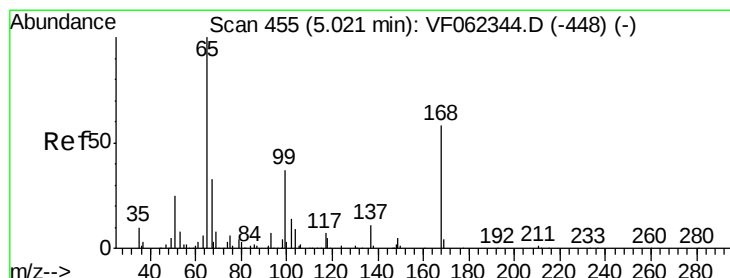
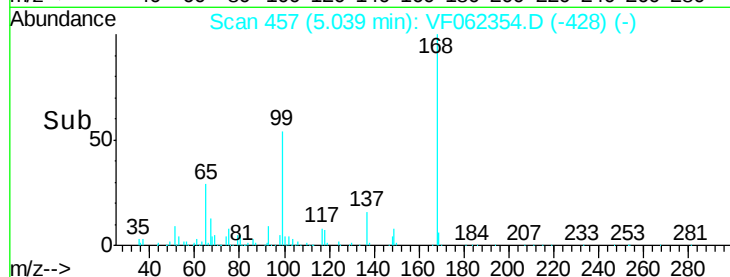
40000

20000

0

Time-->

5.00 5.20



#33

1,2-Dichloroethane-d4

Concen: 45.191 ug/l

RT: 5.02 min Scan# 455

Delta R.T. -0.00 min

Lab File: VF062354.D

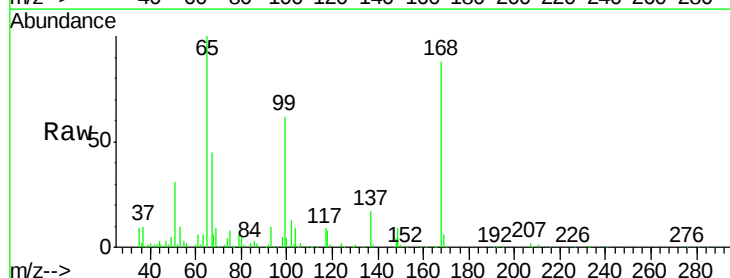
Acq: 7 May 2019 13:41

Tgt Ion: 65 Resp: 132350

Ion Ratio Lower Upper

65 100

67 45.6 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.02

50000

40000

30000

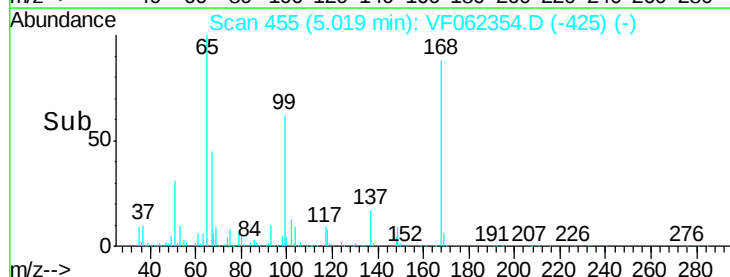
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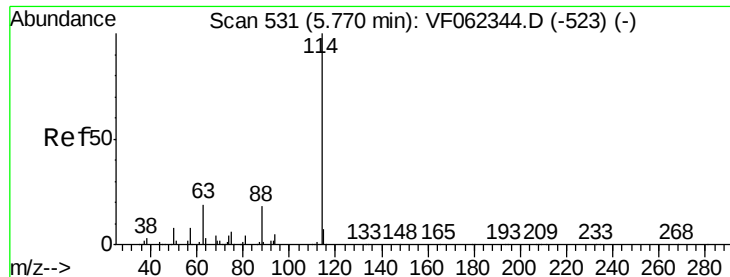
10000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.00 min

Lab File: VF062354.D

Acq: 7 May 2019 13:41

Instrument :

MSVOA_F

ClientSampleId :

SP-1-B

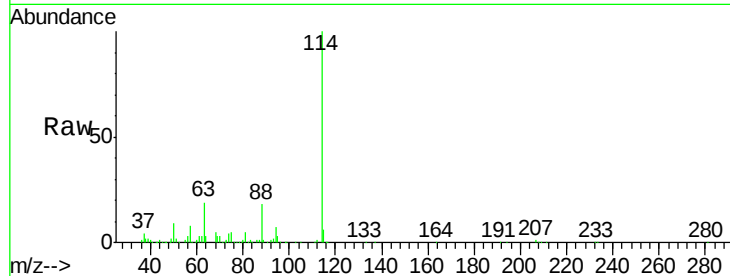
Tot Ion:114 Resp: 416016

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

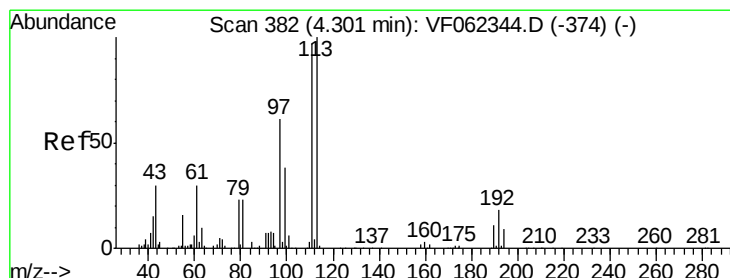
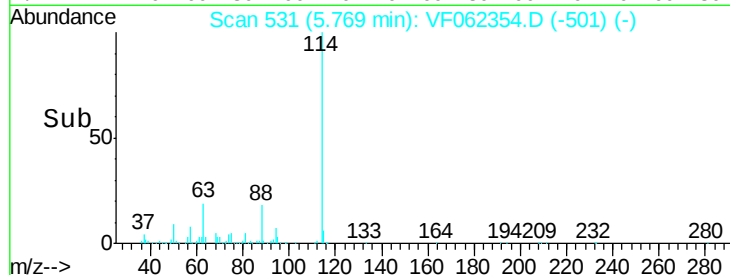
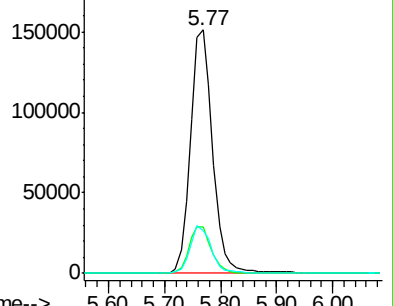
88 17.6 0.0 36.4



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: 48.382 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF062354.D

Acq: 7 May 2019 13:41

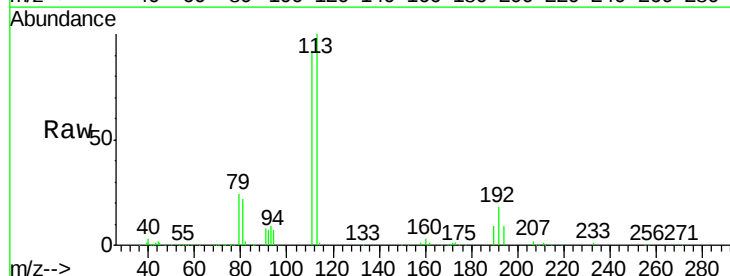
Tgt Ion:113 Resp: 160353

Ion Ratio Lower Upper

113 100

111 100.2 79.4 119.0

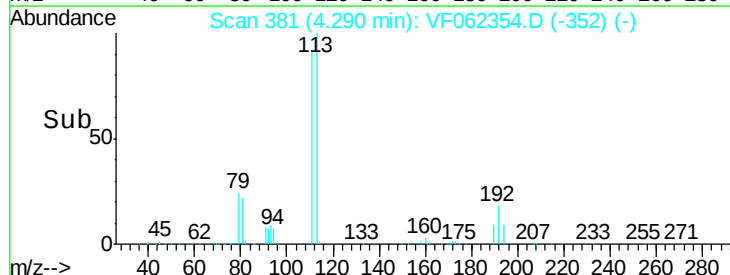
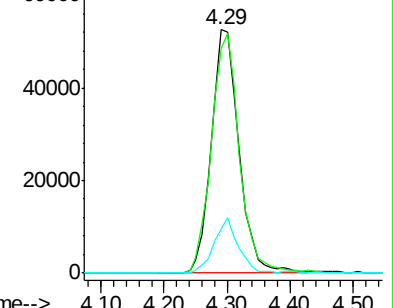
192 19.8 16.0 24.0

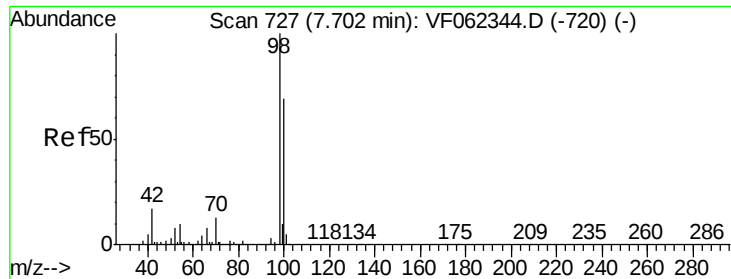


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

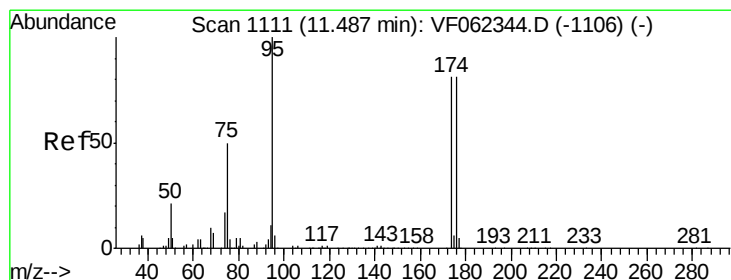
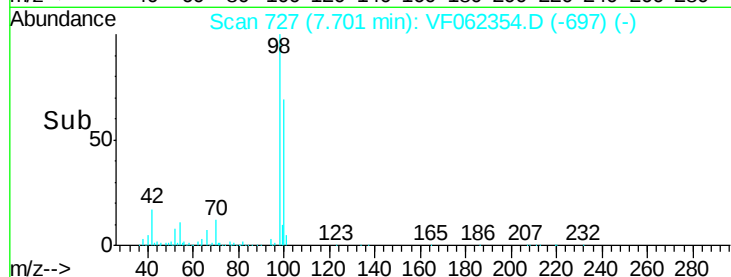
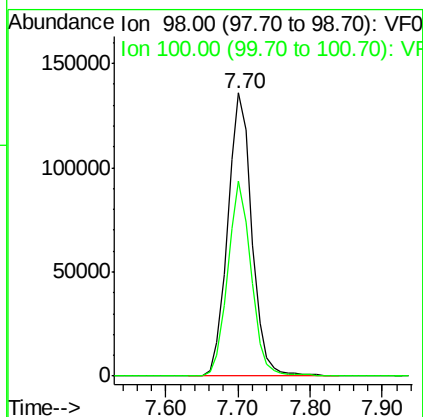
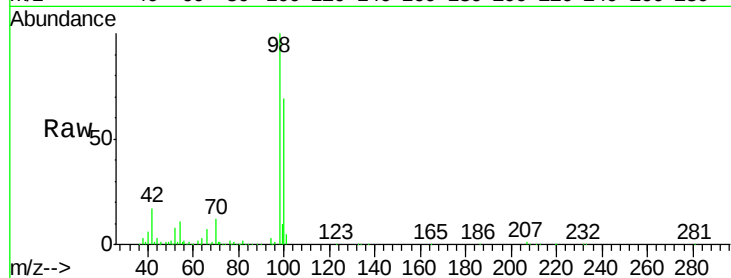




#50
Toluene-d8
Concen: 39.418 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

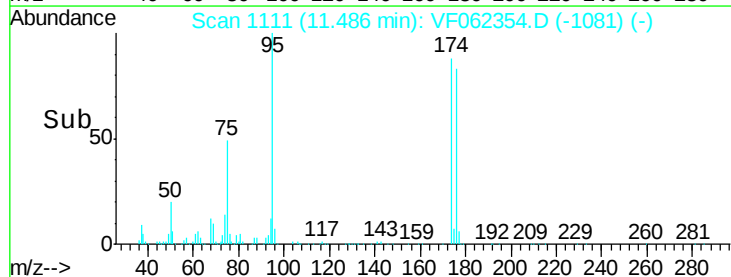
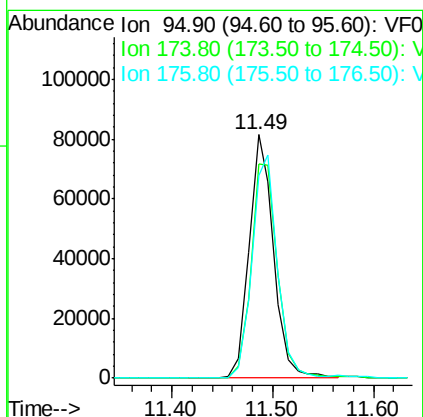
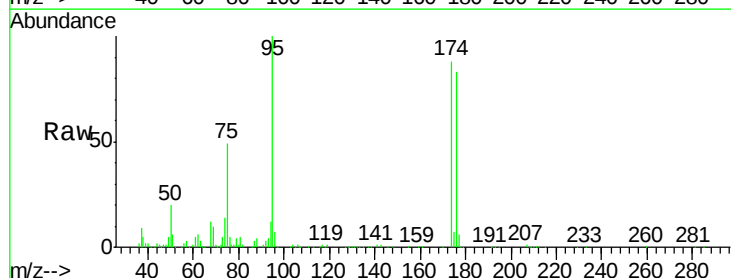
Instrument :
MSVOA_F
ClientSampleId :
SP-1-B

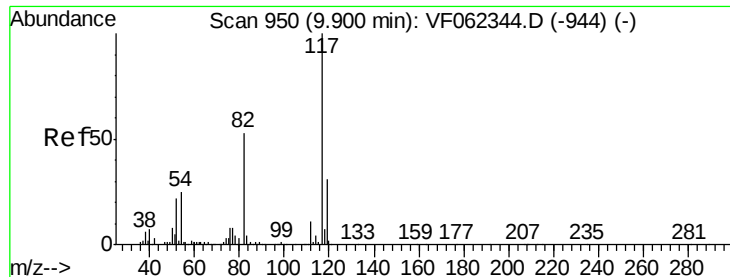
Tot Ion: 98 Resp: 316244
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 38.262 ug/l
RT: 11.49 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Tgt Ion: 95 Resp: 138495
Ion Ratio Lower Upper
95 100
174 95.9 0.0 191.8
176 95.7 0.0 193.2

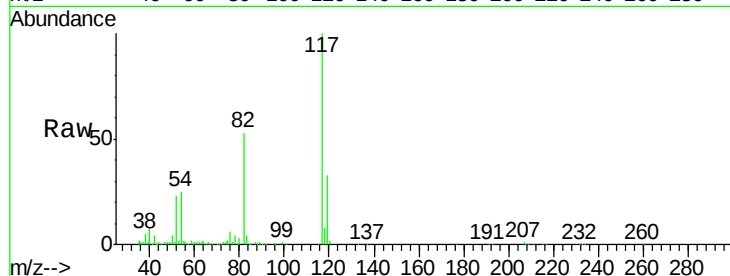




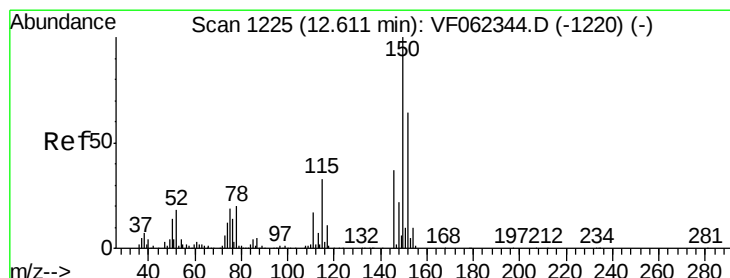
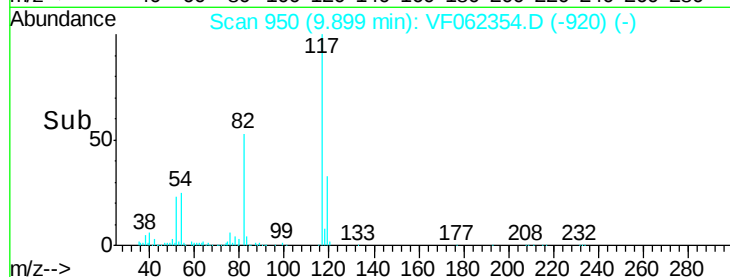
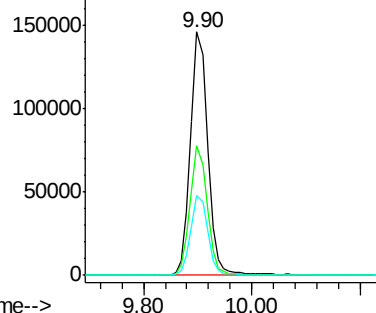
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.00 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Instrument :
MSVOA_F
ClientSampleId :
SP-1-B

Tot Ion:117 Resp: 324954
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.2
119 32.6 25.0 37.4

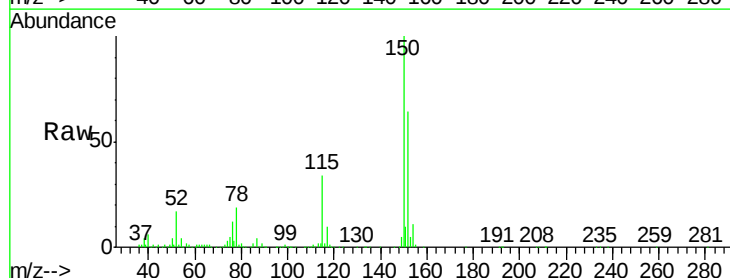


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VF062354.D
Acq: 7 May 2019 13:41

Tgt Ion:152 Resp: 175536
Ion Ratio Lower Upper
152 100
115 55.2 26.4 79.2
150 154.4 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

