

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050819\
 Data File : VF062372.D
 Acq On : 8 May 2019 12:44
 Operator : FY/SY
 Sample : VF0508SBL01
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0508SBL01

Quant Time: May 08 16:08:09 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	5.03	168	387502	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	495770	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	416976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.60	152	290832	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	192236	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
35) Dibromofluoromethane	4.28	113	220316	55.78	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	111.56%	
50) Toluene-d8	7.70	98	502025	52.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.02%	
62) 4-Bromofluorobenzene	11.48	95	240219	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	

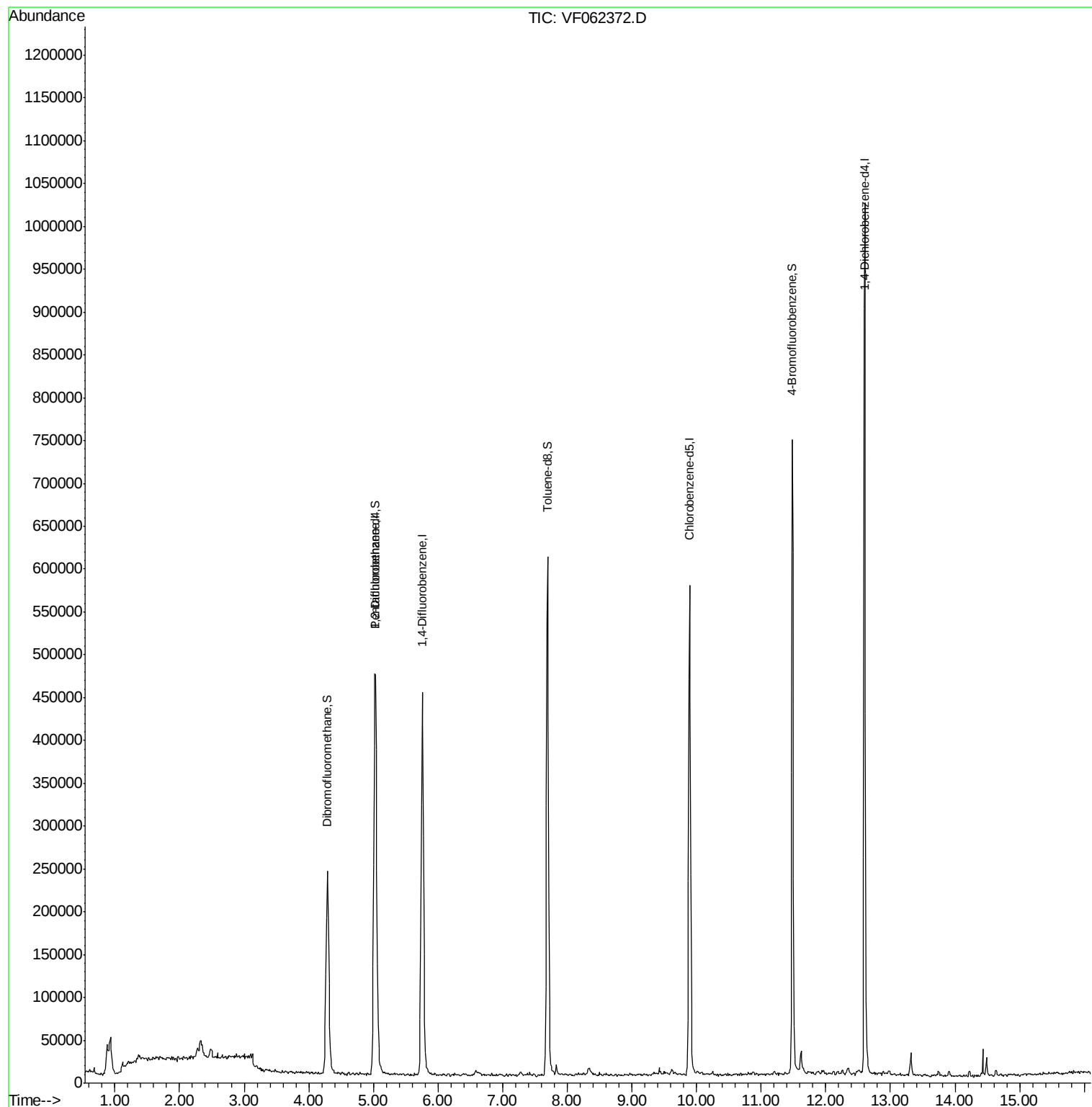
Target Compounds	Qvalue
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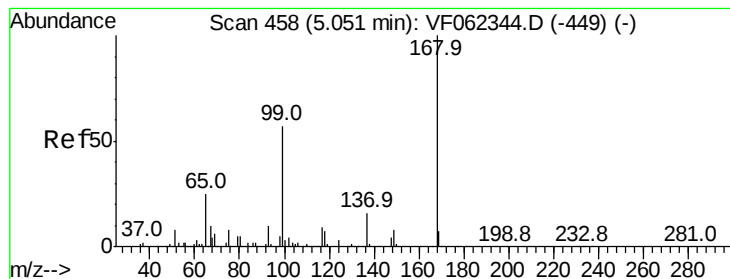
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF062372.D

Acq: 8 May 2019 12:44

Instrument :

MSVOA_F

ClientSampleId :

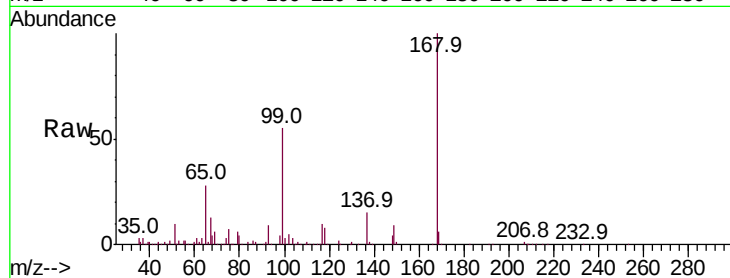
VF0508SBL01

Tot Ion:168 Resp: 387502

Ion Ratio Lower Upper

168 100

99 55.2 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.03

150000

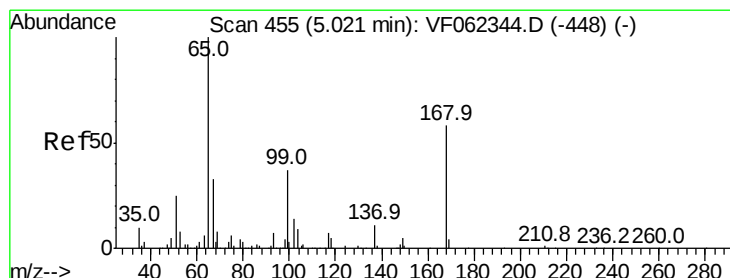
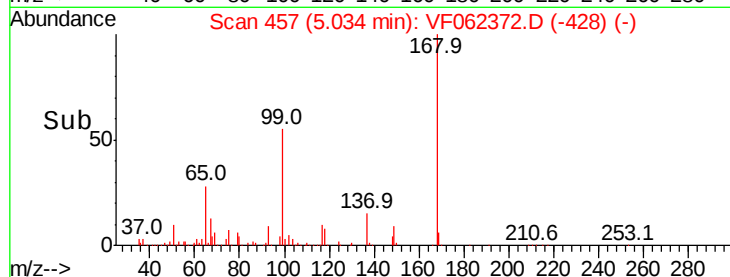
100000

50000

0

Time-->

5.00 5.20



#33

1,2-Dichloroethane-d4

Concen: 52.494 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.01 min

Lab File: VF062372.D

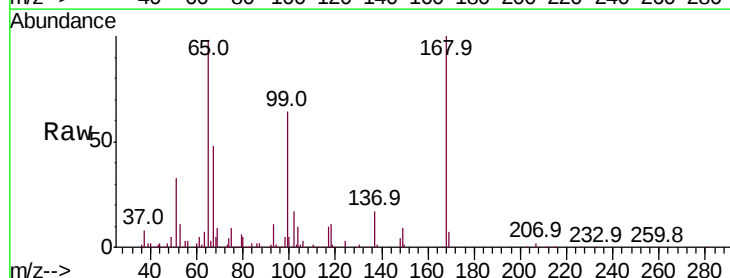
Acq: 8 May 2019 12:44

Tgt Ion: 65 Resp: 192236

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

5.01

80000

60000

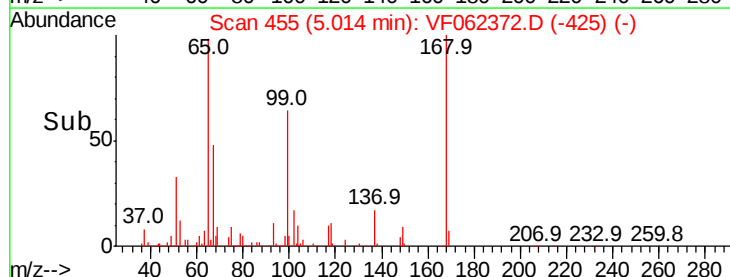
40000

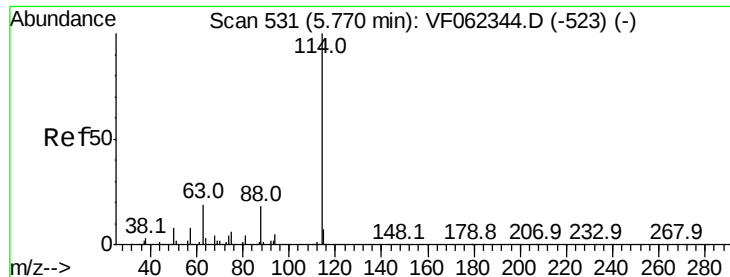
20000

0

Time-->

4.90 5.00 5.10 5.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.02 min

Lab File: VF062372.D

Acq: 8 May 2019 12:44

Instrument :

MSVOA_F

ClientSampleId :

VF0508SBL01

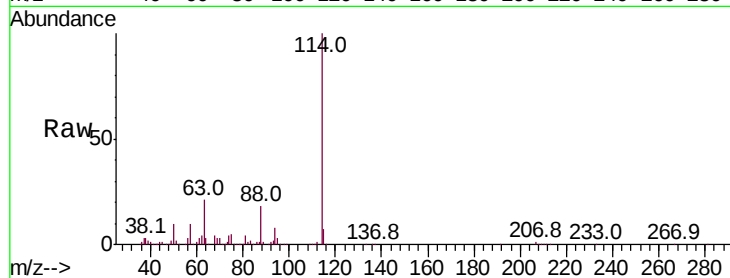
Tot Ion:114 Resp: 495770

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

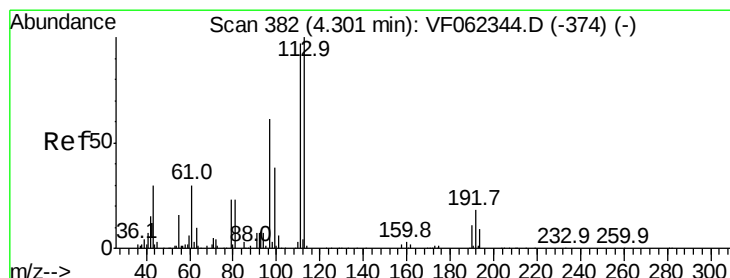
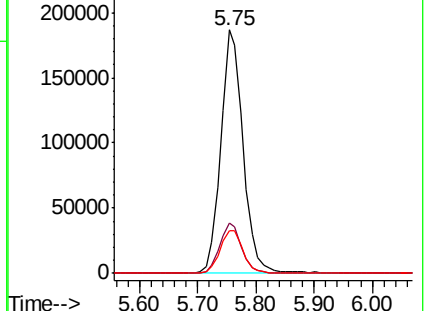
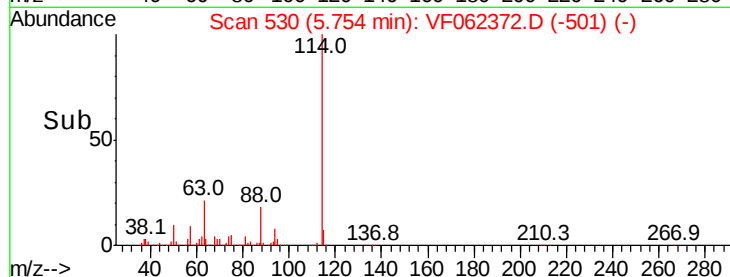
88 17.8 0.0 36.4



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: 55.780 ug/l

RT: 4.28 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF062372.D

Acq: 8 May 2019 12:44

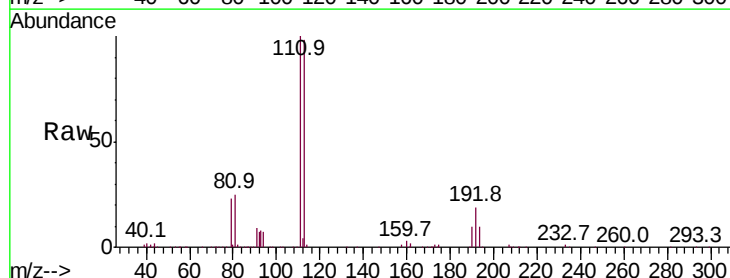
Tgt Ion:113 Resp: 220316

Ion Ratio Lower Upper

113 100

111 98.8 79.4 119.0

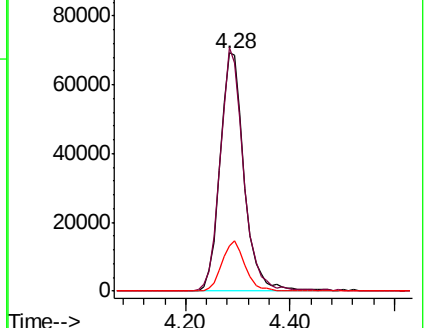
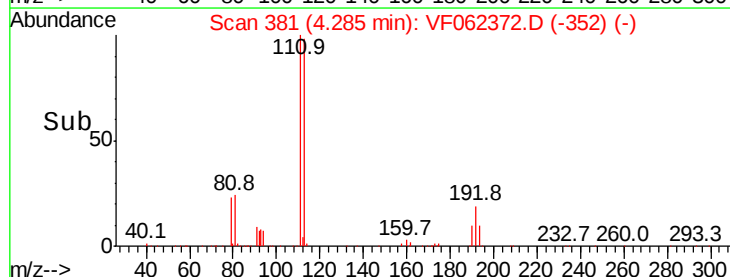
192 20.2 16.0 24.0

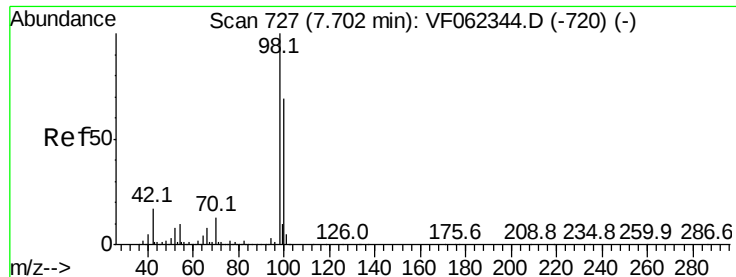


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

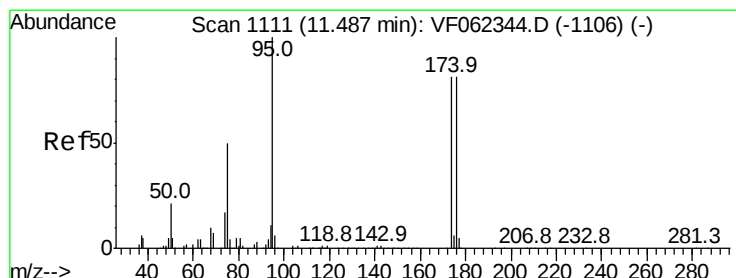
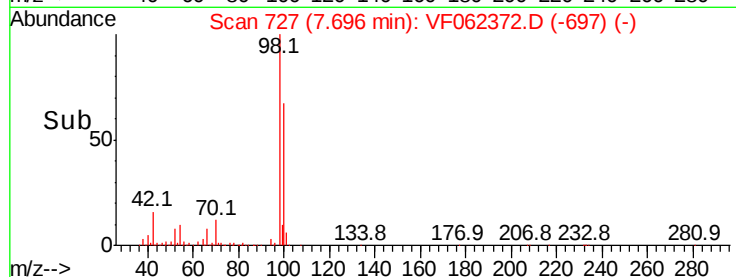
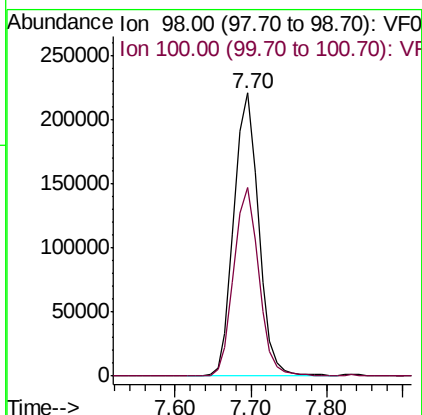
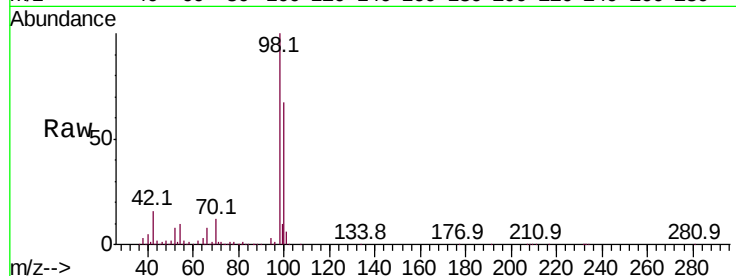




#50
Toluene-d8
Concen: 52.508 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF062372.D
Acq: 8 May 2019 12:44

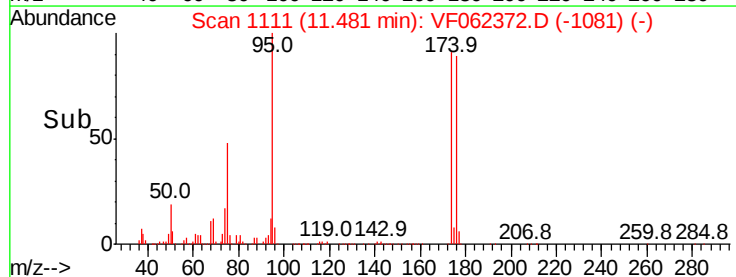
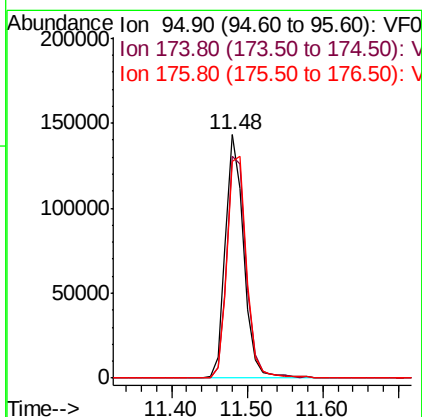
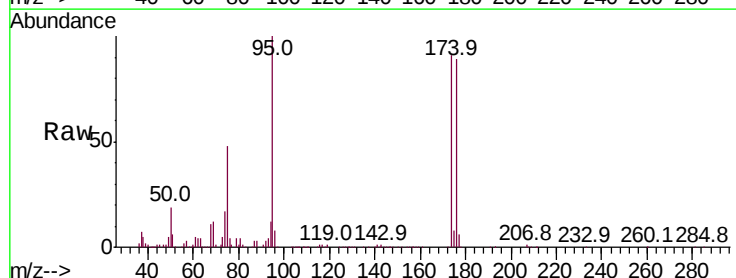
Instrument :
MSVOA_F
ClientSampleId :
VF0508SBL01

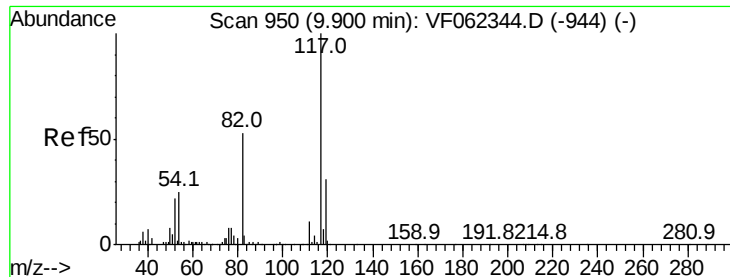
Tot Ion: 98 Resp: 502025
Ion Ratio Lower Upper
98 100
100 67.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 55.690 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VF062372.D
Acq: 8 May 2019 12:44

Tgt Ion: 95 Resp: 240219
Ion Ratio Lower Upper
95 100
174 96.1 0.0 191.8
176 96.4 0.0 193.2

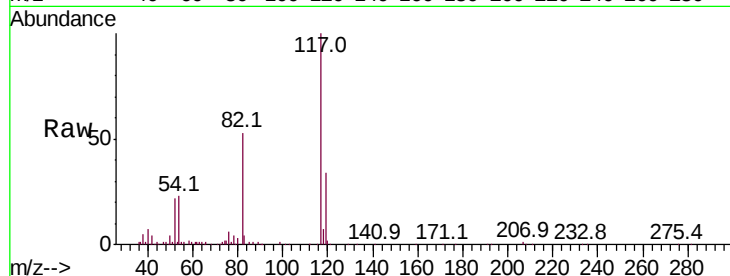




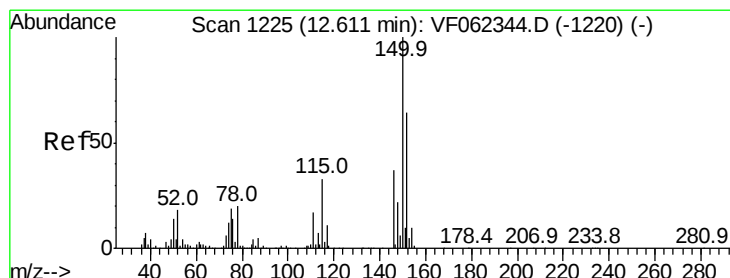
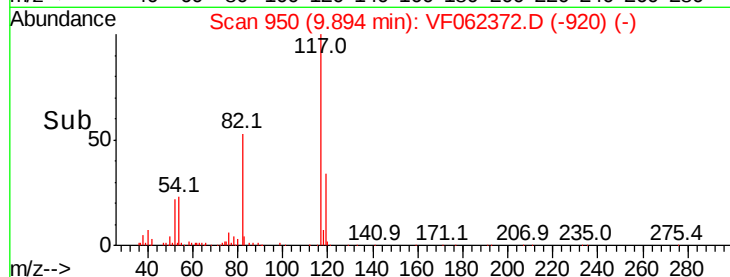
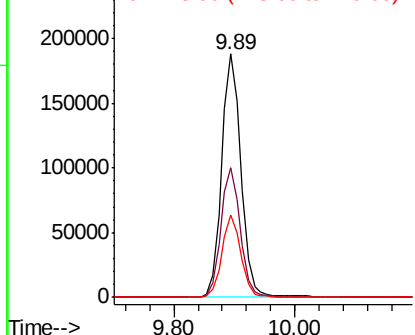
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF062372.D
Acq: 8 May 2019 12:44

Instrument :
MSVOA_F
ClientSampleId :
VF0508SBL01

Tot Ion:117 Resp: 416976
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.2
119 33.6 25.0 37.4

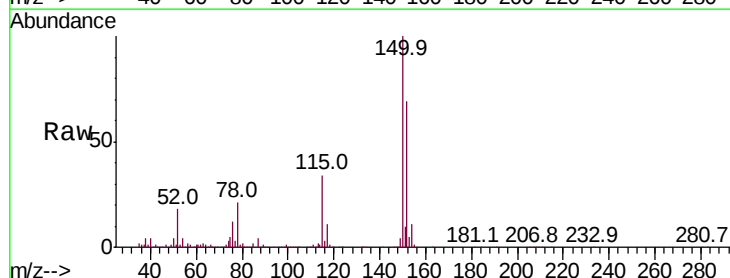


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.01 min
Lab File: VF062372.D
Acq: 8 May 2019 12:44

Tgt Ion:152 Resp: 290832
Ion Ratio Lower Upper
152 100
115 51.5 26.4 79.2
150 146.8 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

