

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
 Data File : VF062223.D
 Acq On : 19 Apr 2019 14:23
 Operator : FY/SY
 Sample : K2197-13
 Misc : 6.74g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-041619-E

Quant Time: Apr 19 15:59:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 03:56:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	407327	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	603296	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	458351	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	262639	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	207897	55.66	ug/l	0.03
Spiked Amount	50.000		Recovery	=	111.32%	
35) Dibromofluoromethane	4.32	113	289874	54.93	ug/l	0.02
Spiked Amount	50.000		Recovery	=	109.86%	
50) Toluene-d8	7.73	98	656313	49.13	ug/l	0.03
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.50	95	273121	53.15	ug/l	0.02
Spiked Amount	50.000		Recovery	=	106.30%	

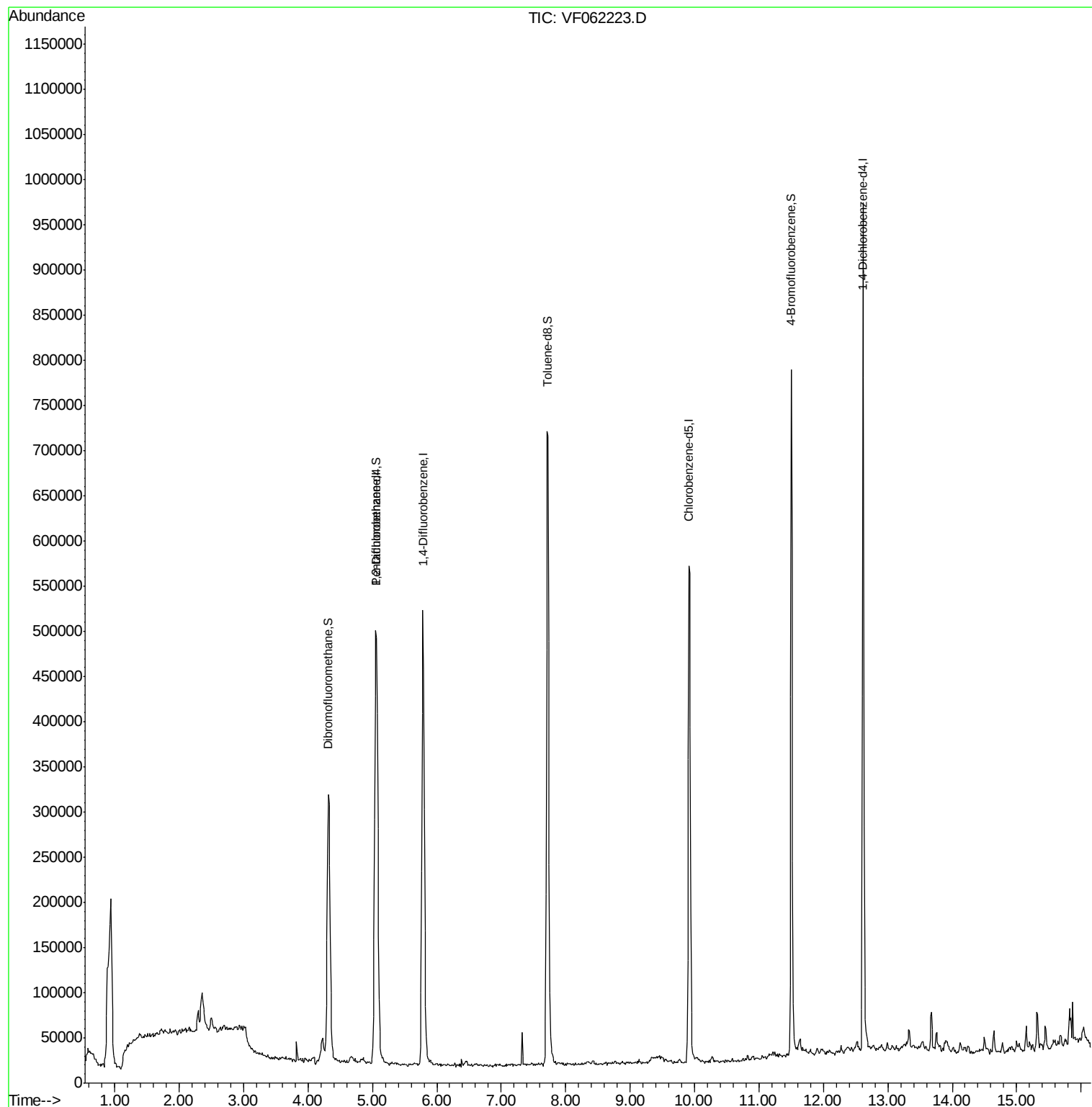
Target Compounds	Qvalue

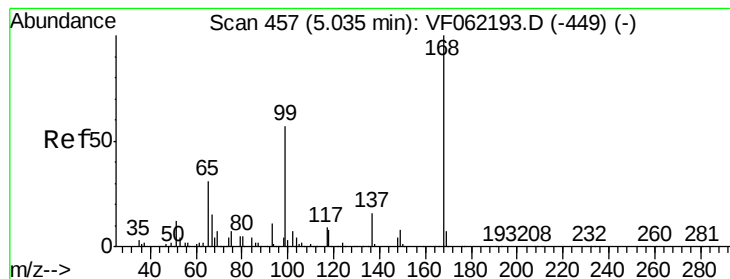
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 19 03:56:19 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062223.D

Acq: 19 Apr 2019 14:23

Instrument :

MSVOA_F

ClientSampleId :

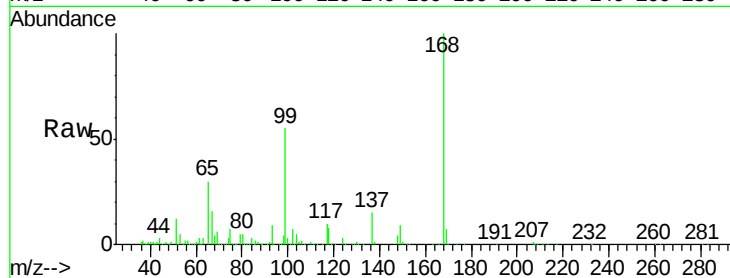
CL-01-041619-E

Tot Ion:168 Resp: 407327

Ion Ratio Lower Upper

168 100

99 54.9 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.06

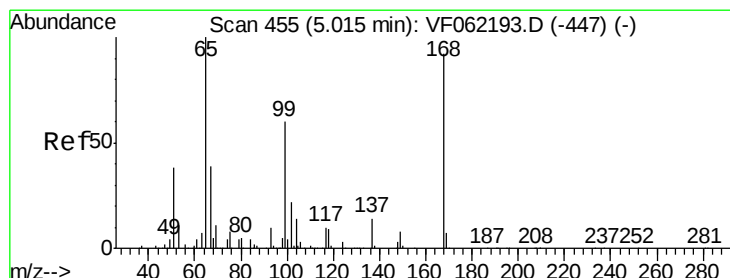
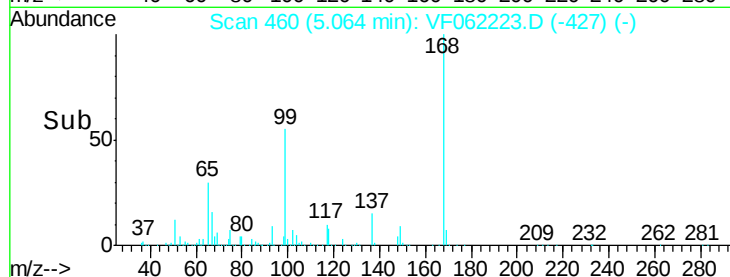
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.662 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062223.D

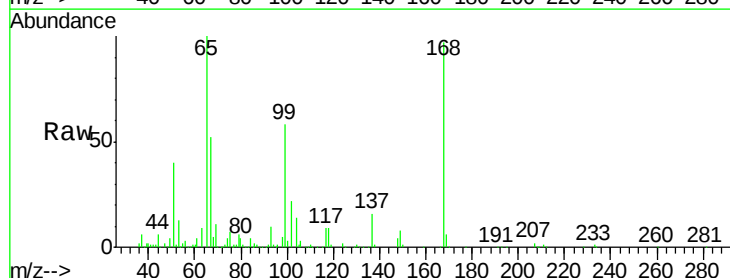
Acq: 19 Apr 2019 14:23

Tgt Ion: 65 Resp: 207897

Ion Ratio Lower Upper

65 100

67 49.8 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.04

80000

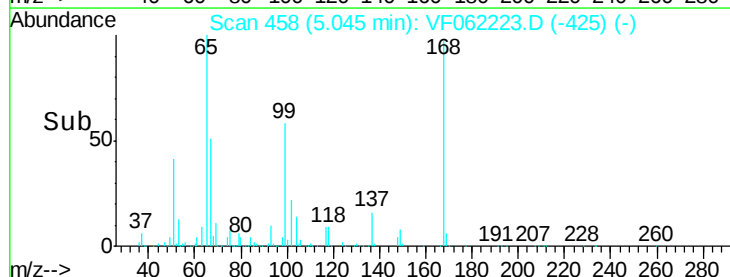
60000

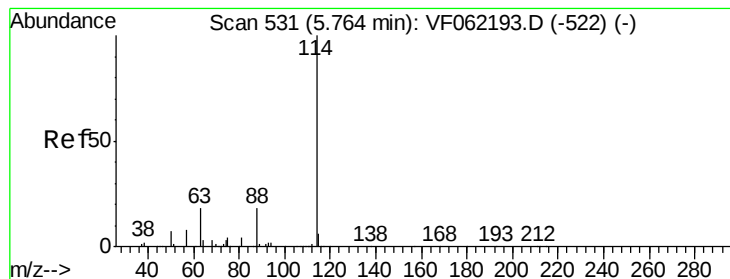
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062223.D

Acq: 19 Apr 2019 14:23

Instrument :

MSVOA_F

ClientSampleId :

CL-01-041619-E

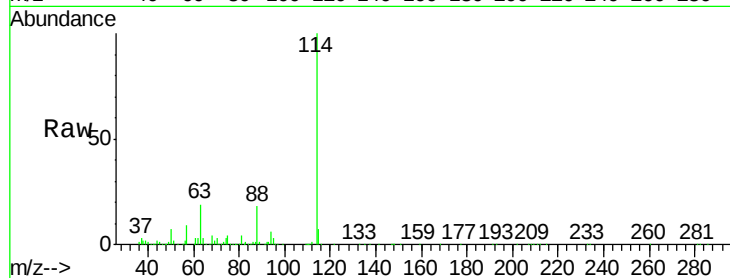
Tot Ion:114 Resp: 603296

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.6

88 17.9 0.0 35.8



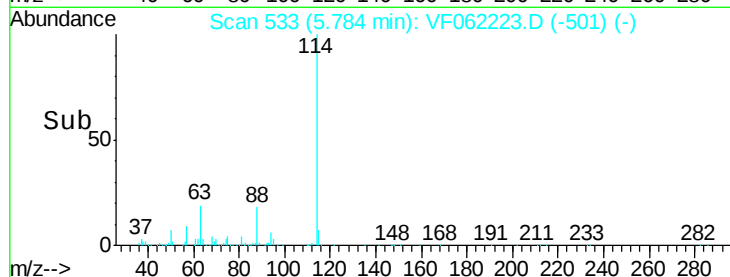
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

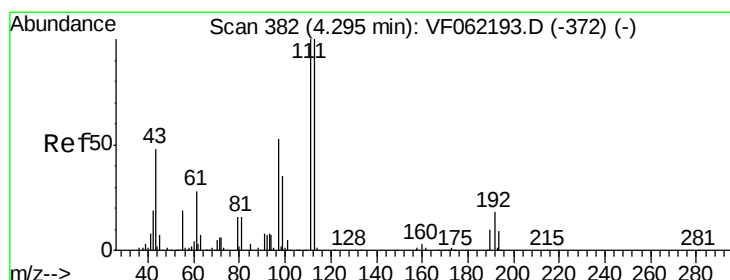
Ion 87.90 (87.60 to 88.60): VF0

5.78

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 54.929 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.02 min

Lab File: VF062223.D

Acq: 19 Apr 2019 14:23

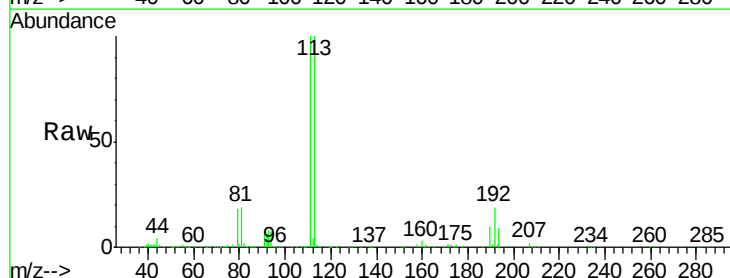
Tgt Ion:113 Resp: 289874

Ion Ratio Lower Upper

113 100

111 99.8 81.1 121.7

192 19.9 14.7 22.1



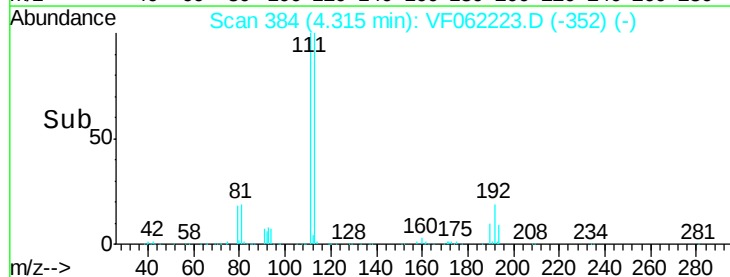
Abundance Ion 112.80 (112.50 to 113.50): V

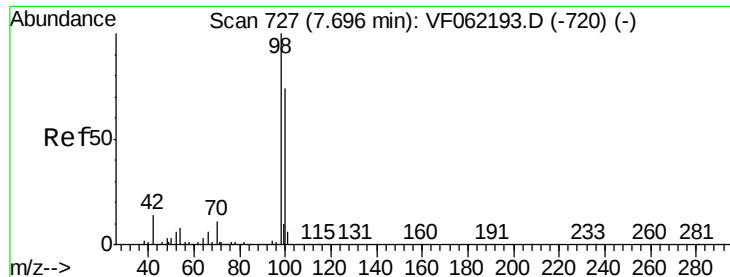
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

4.32

Time-->





#50

Toluene-d8

Concen: 49.130 ug/l

RT: 7.73 min Scan# 730

Delta R.T. 0.03 min

Lab File: VF062223.D

Acq: 19 Apr 2019 14:23

Instrument :

MSVOA_F

ClientSampleId :

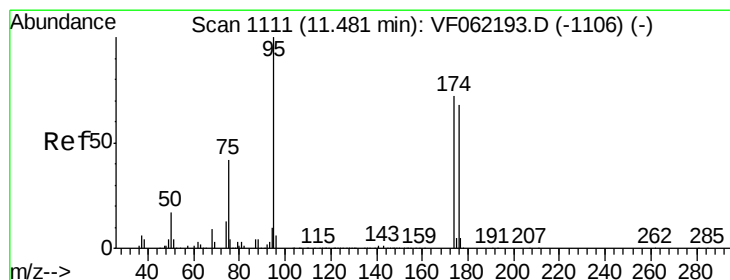
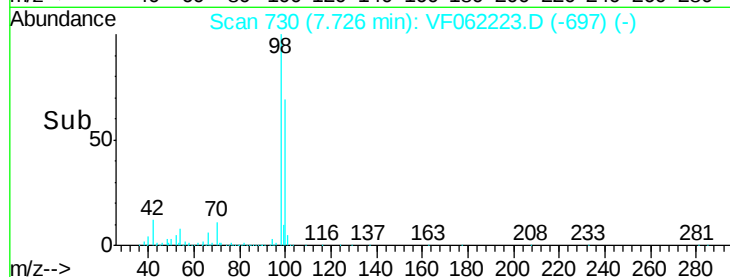
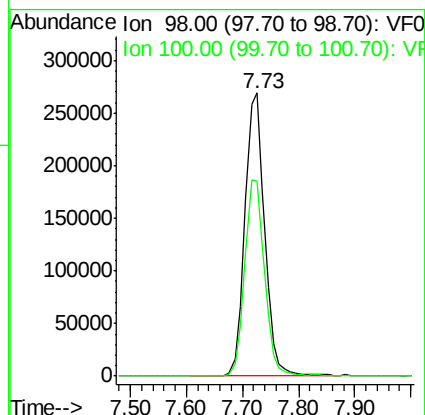
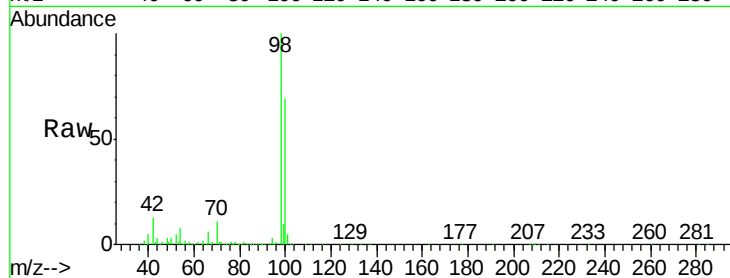
CL-01-041619-E

Tot Ion: 98 Resp: 656313

Ion Ratio Lower Upper

98 100

100 69.7 56.2 84.2



#62

4-Bromofluorobenzene

Concen: 53.147 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062223.D

Acq: 19 Apr 2019 14:23

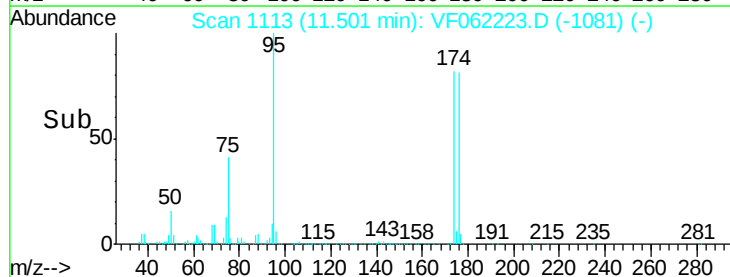
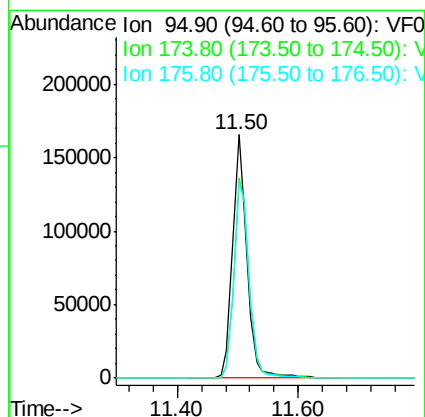
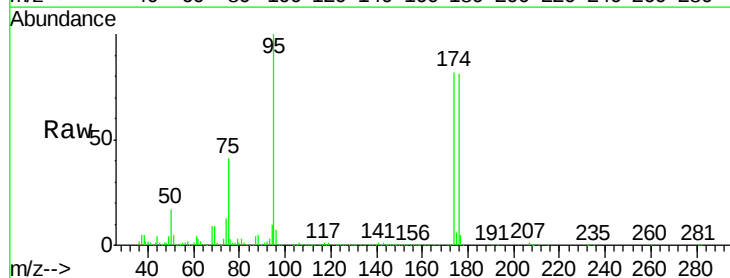
Tgt Ion: 95 Resp: 273121

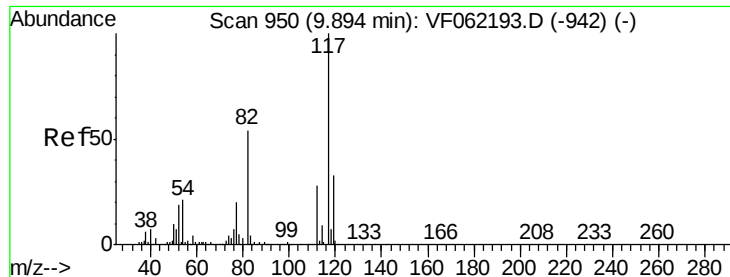
Ion Ratio Lower Upper

95 100

174 87.5 0.0 159.4

176 85.8 0.0 155.4

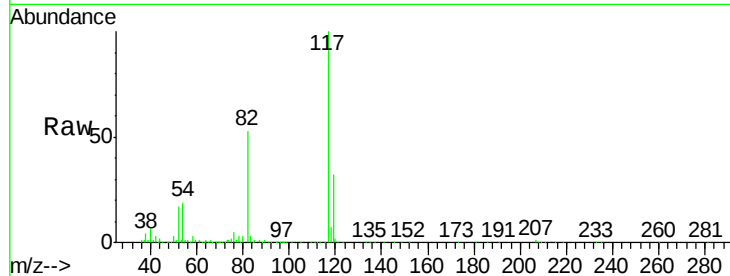




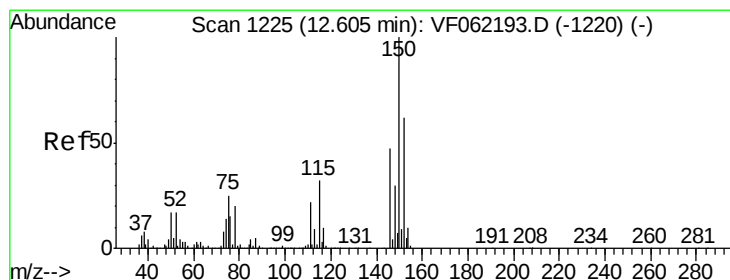
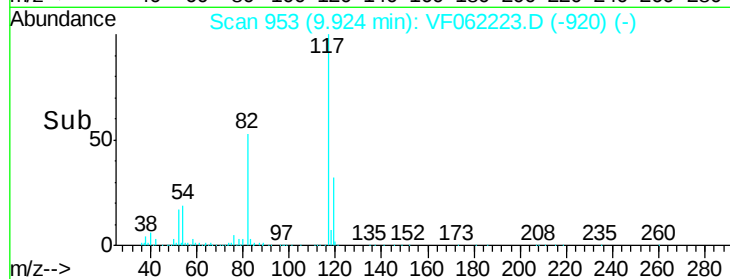
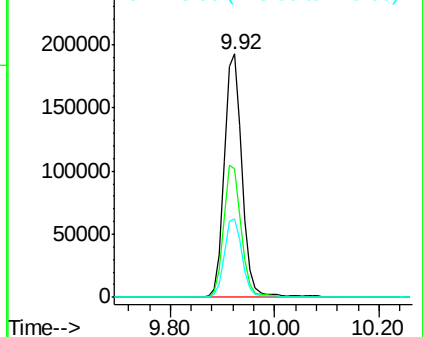
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Instrument :
MSVOA_F
ClientSampleId :
CL-01-041619-E

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.2	64.8
119	32.1	26.2	39.4

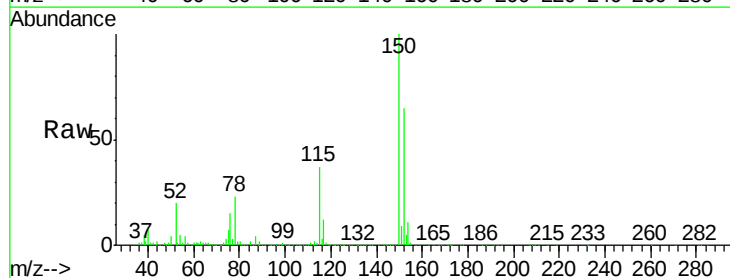


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062223.D
Acq: 19 Apr 2019 14:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.8	83.3
150	153.5	0.0	341.8



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

