

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062269.D
 Acq On : 23 Apr 2019 17:49
 Operator : FY/SY
 Sample : K2201-09RE
 Misc : 7.95g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-041819-ERE

Quant Time: Apr 23 18:13:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

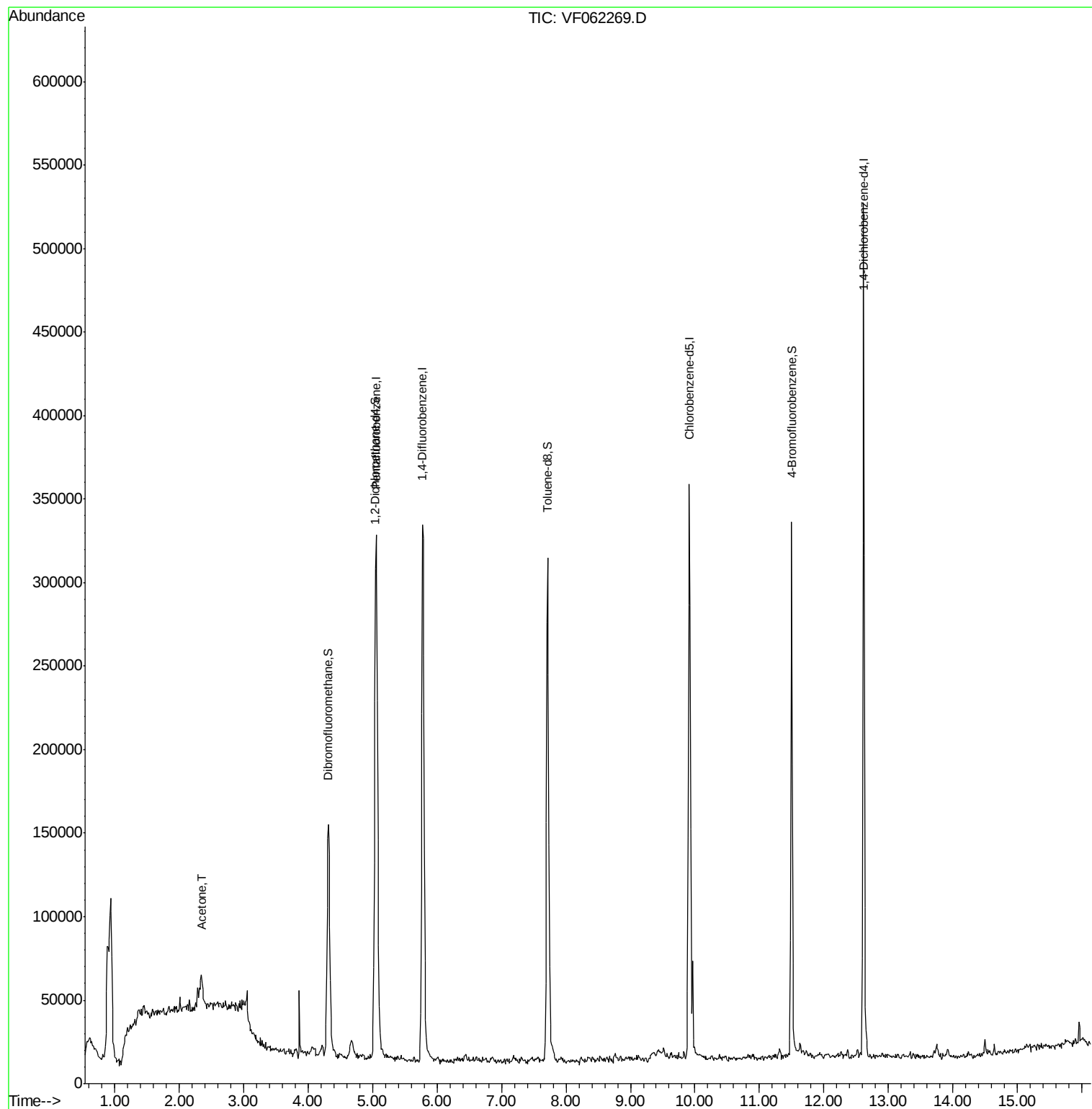
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	291219	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	389048	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	259412	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	138766	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	98128	36.75	ug/l	0.02
Spiked Amount 50.000			Recovery	=	73.50%	
35) Dibromofluoromethane	4.32	113	135619	39.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	79.70%	
50) Toluene-d8	7.72	98	267536	31.06	ug/l	0.02
Spiked Amount 50.000			Recovery	=	62.12%	
62) 4-Bromofluorobenzene	11.50	95	110556	33.36	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.72%	
Target Compounds						
16) Acetone	2.35	43	9810	15.369	ug/l #	Qvalue 72

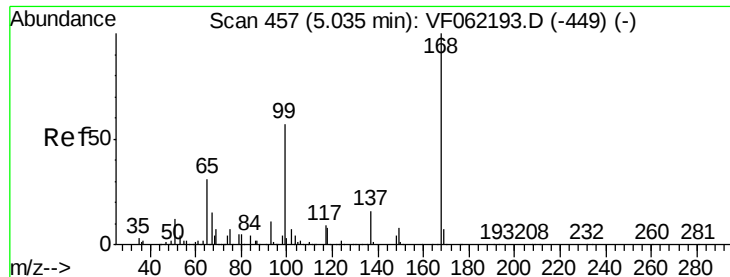
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Apr 19 23:52:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

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ClientSampleId :

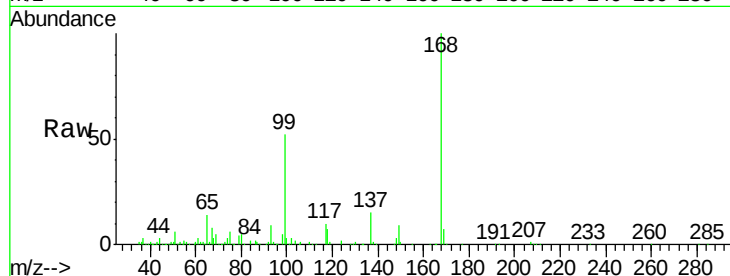
PL-01-041819-ERE

Tot Ion:168 Resp: 291219

Ion Ratio Lower Upper

168 100

99 52.2 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

100000

80000

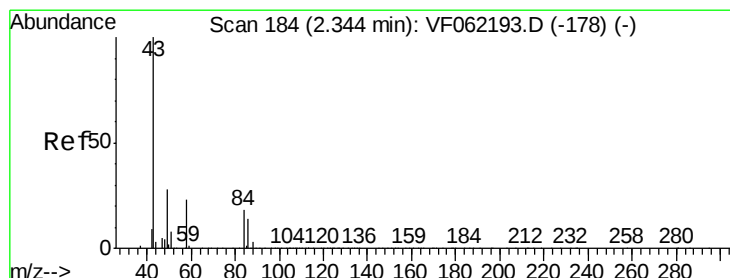
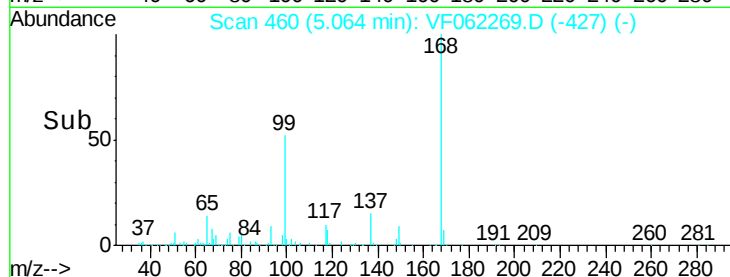
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 15.369 ug/l

RT: 2.35 min Scan# 185

Delta R.T. 0.01 min

Lab File: VF062269.D

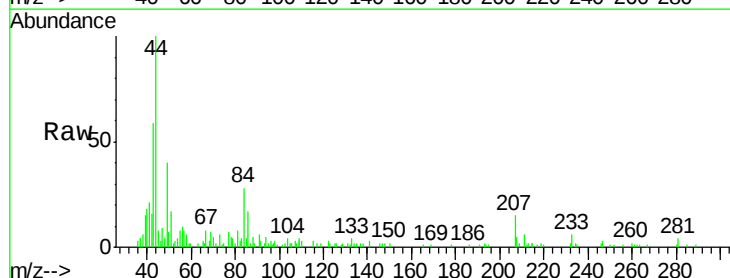
Acq: 23 Apr 2019 17:49

Tgt Ion: 43 Resp: 9810

Ion Ratio Lower Upper

43 100

58 9.9 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.35

6000

5000

4000

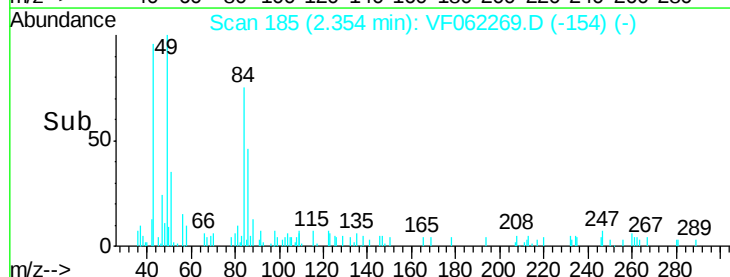
3000

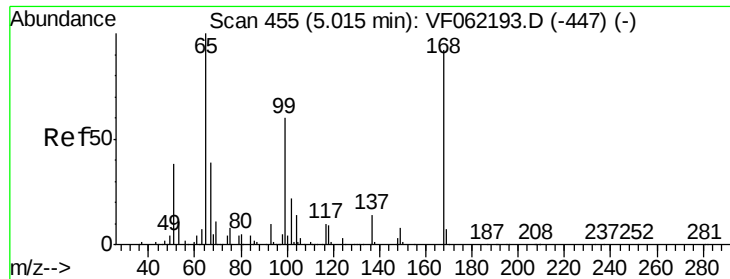
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 36.748 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062269.D

Acq: 23 Apr 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

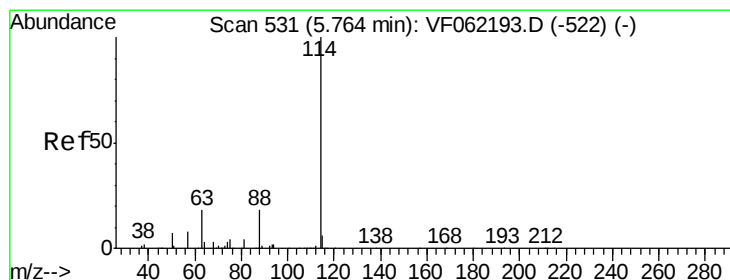
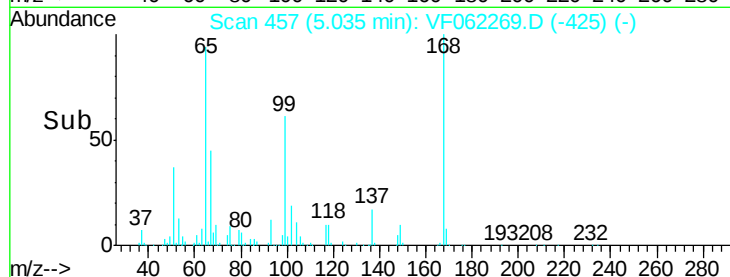
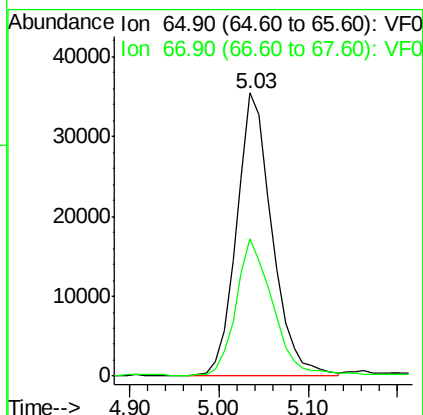
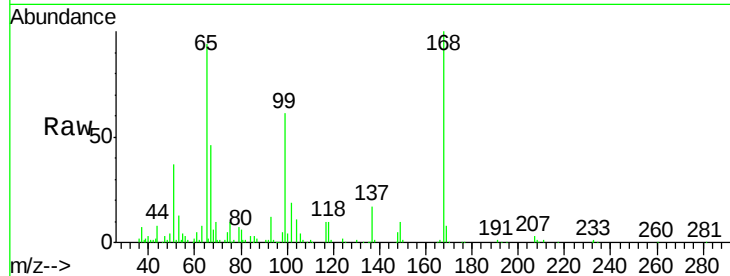
PL-01-041819-ERE

Tot Ion: 65 Resp: 98128

Ion Ratio Lower Upper

65 100

67 49.4 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062269.D

Acq: 23 Apr 2019 17:49

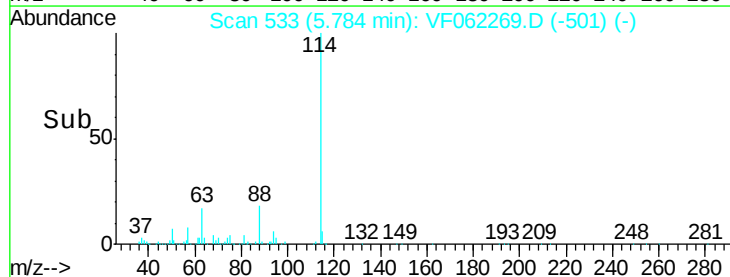
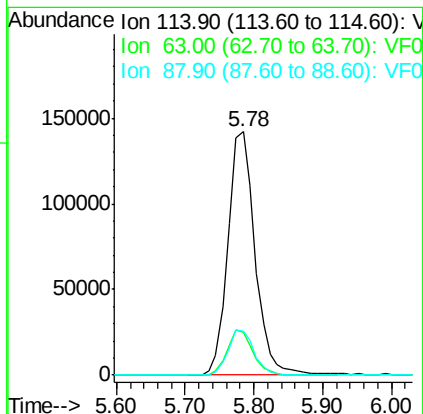
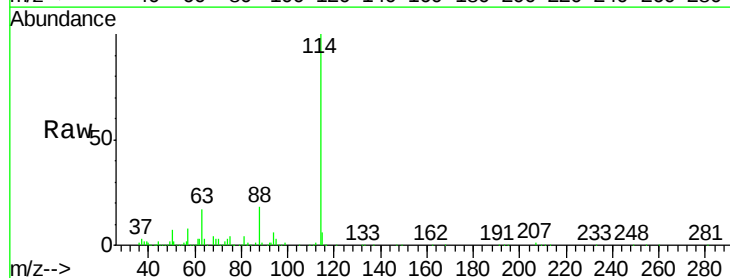
Tgt Ion: 114 Resp: 389048

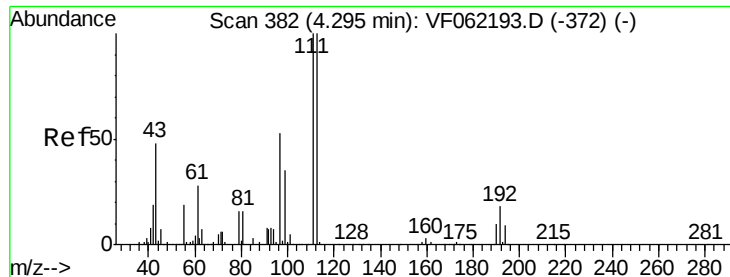
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 17.8 0.0 35.8

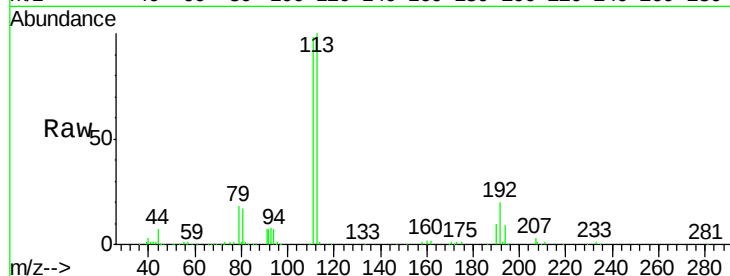




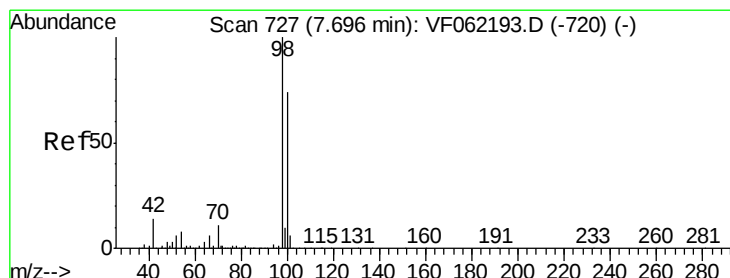
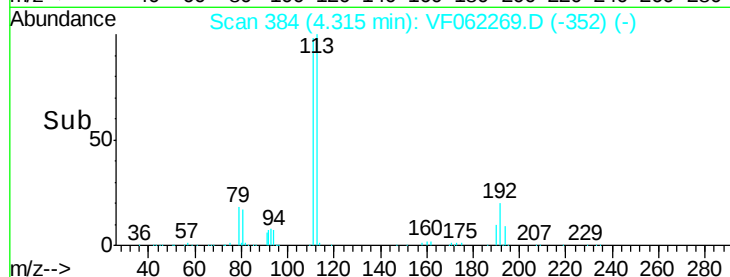
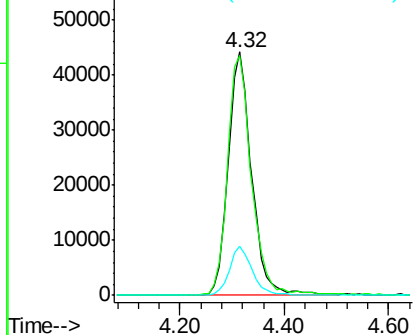
#35
 Dibromofluoromethane
 Concen: 39.851 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.02 min
 Lab File: VF062269.D
 Acq: 23 Apr 2019 17:49

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-041819-ERE

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.1	121.7
192	19.3	14.7	22.1

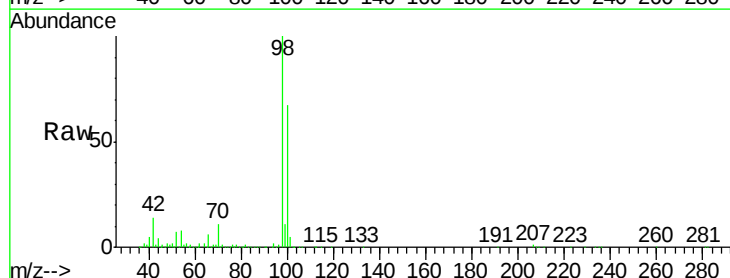


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

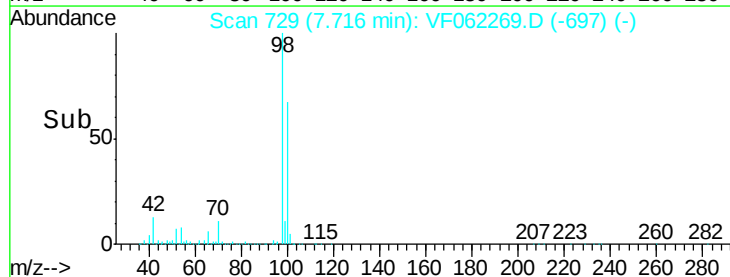
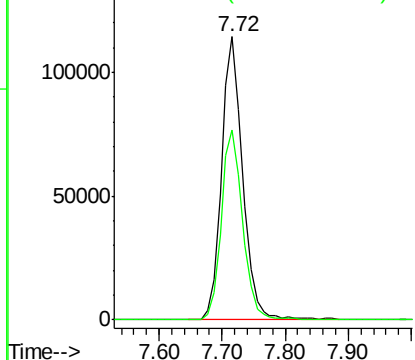


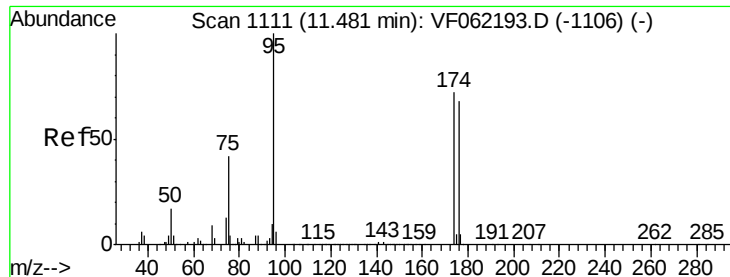
#50
 Toluene-d8
 Concen: 31.056 ug/l
 RT: 7.72 min Scan# 729
 Delta R.T. 0.02 min
 Lab File: VF062269.D
 Acq: 23 Apr 2019 17:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	56.2	84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 33.360 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062269.D

Acq: 23 Apr 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

PL-01-041819-ERE

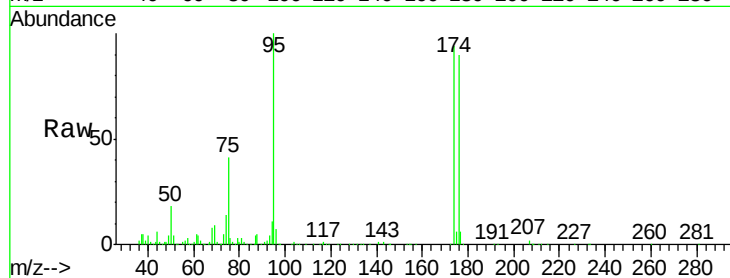
Tot Ion: 95 Resp: 110556

Ion Ratio Lower Upper

95 100

174 93.8 0.0 159.4

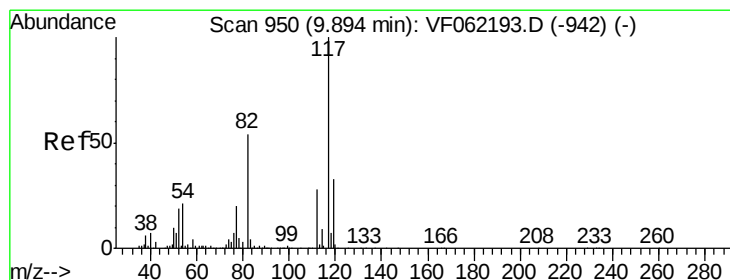
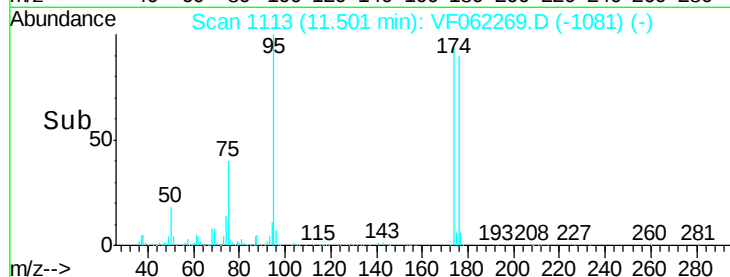
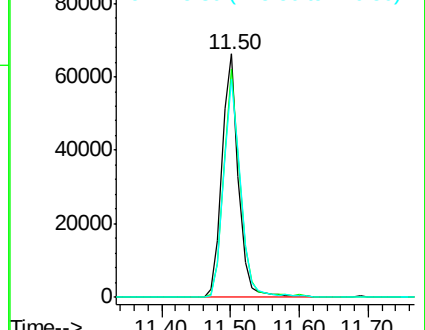
176 92.5 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): VF0

Ion 175.80 (175.50 to 176.50): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.02 min

Lab File: VF062269.D

Acq: 23 Apr 2019 17:49

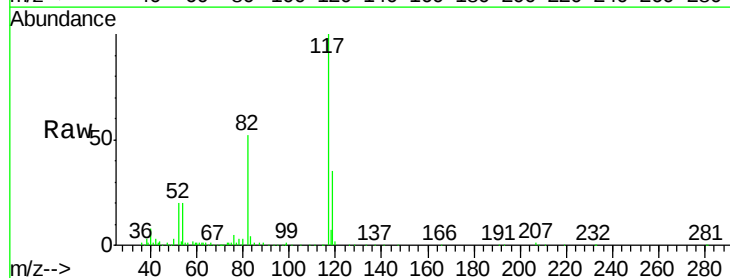
Tgt Ion: 117 Resp: 259412

Ion Ratio Lower Upper

117 100

82 51.7 43.2 64.8

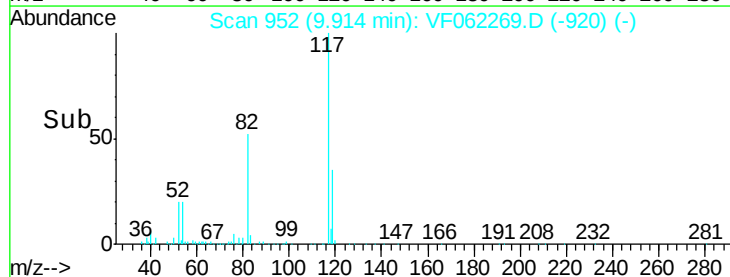
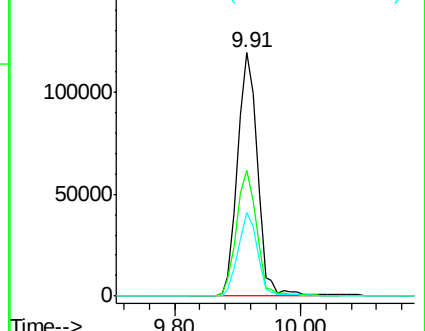
119 34.4 26.2 39.4

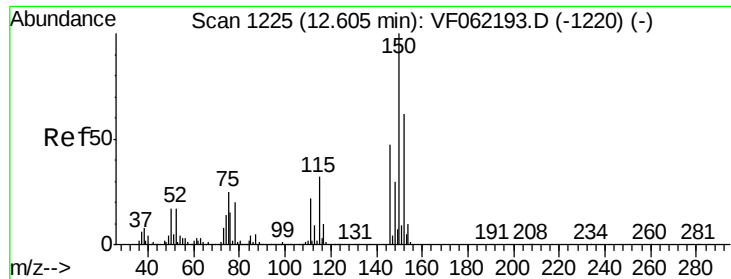


Abundance Ion 116.90 (116.60 to 117.60): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062269.D

Acq: 23 Apr 2019 17:49

Instrument :

MSVOA_F

ClientSampleId :

PL-01-041819-ERE

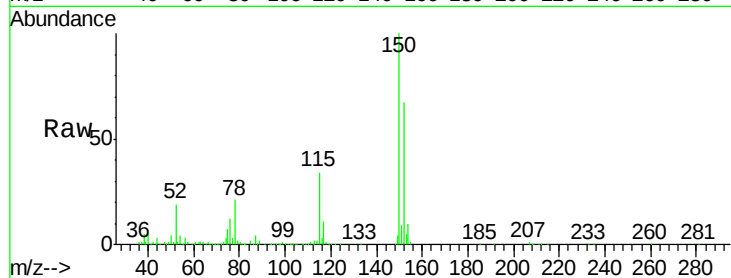
Tot Ion:152 Resp: 138766

Ion Ratio Lower Upper

152 100

115 53.5 27.8 83.3

150 153.4 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

