

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062264.D
 Acq On : 23 Apr 2019 15:25
 Operator : FY/SY
 Sample : K2484-03
 Misc : 7.07g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 200027

Quant Time: Apr 23 16:00:21 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

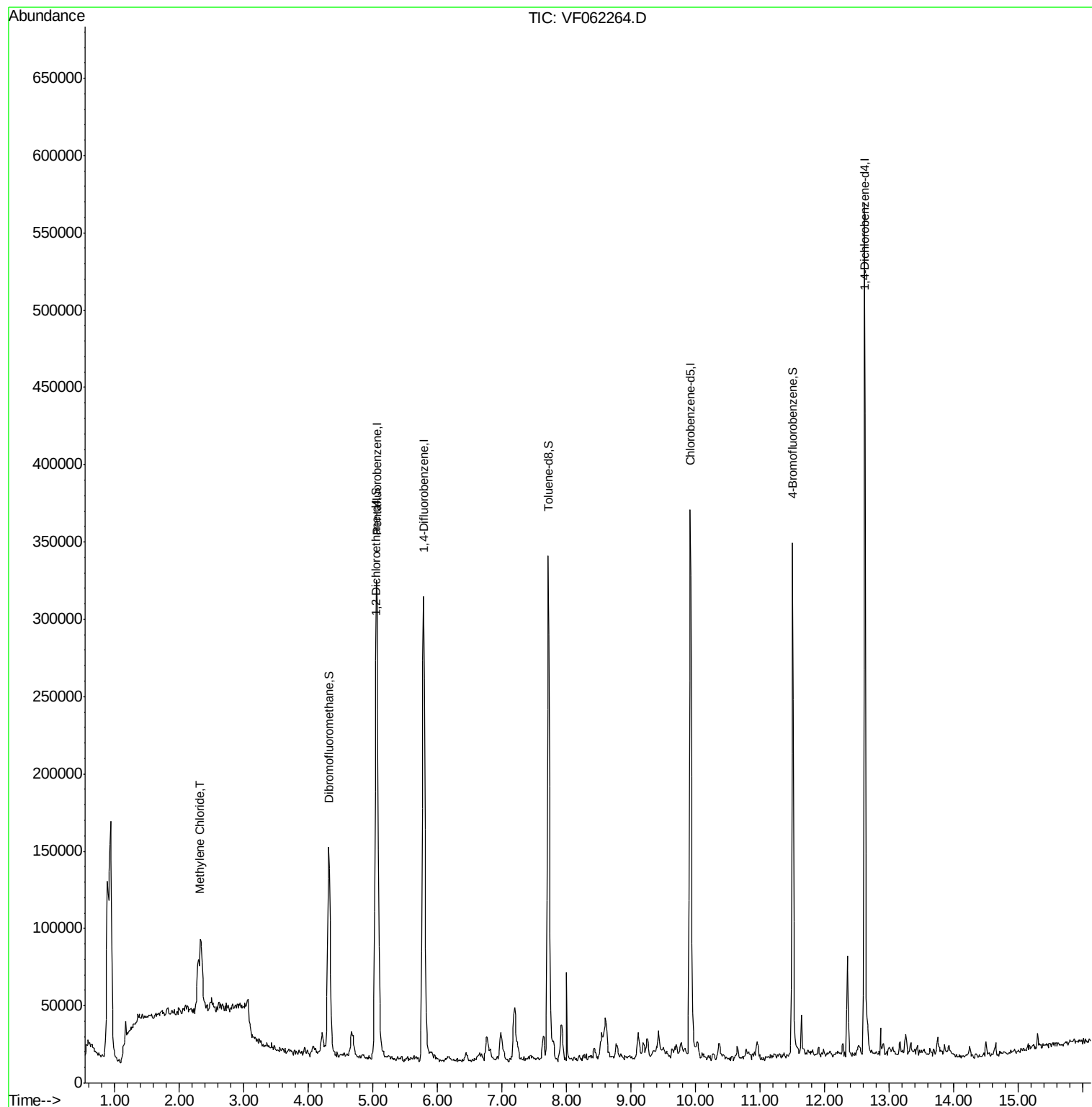
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	285206	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	363014	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	270934	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	153721	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	94627	36.18	ug/l	0.02
Spiked Amount 50.000			Recovery	=	72.36%	
35) Dibromofluoromethane	4.31	113	130026	40.95	ug/l	0.02
Spiked Amount 50.000			Recovery	=	81.90%	
50) Toluene-d8	7.72	98	272708	33.93	ug/l	0.02
Spiked Amount 50.000			Recovery	=	67.86%	
62) 4-Bromofluorobenzene	11.50	95	114501	37.03	ug/l	0.02
Spiked Amount 50.000			Recovery	=	74.06%	
Target Compounds						
20) Methylene Chloride	2.33	84	43724	9.123	ug/l	Qvalue 92

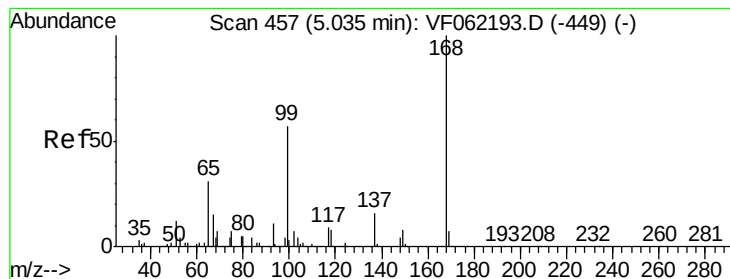
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: VF062264.D

Acq: 23 Apr 2019 15:25

Instrument :

MSVOA_F

ClientSampleId :

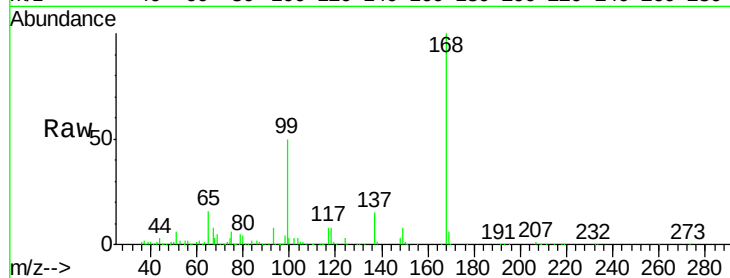
200027

Tot Ion:168 Resp: 285206

Ion Ratio Lower Upper

168 100

99 49.9 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

100000

80000

60000

40000

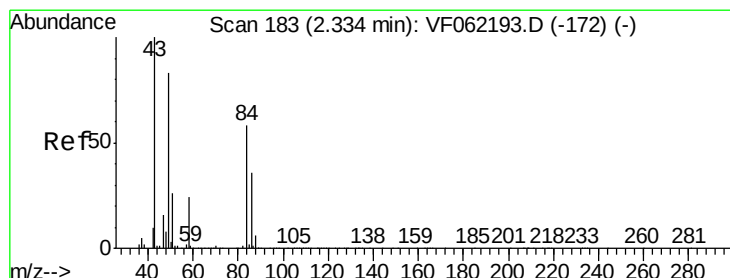
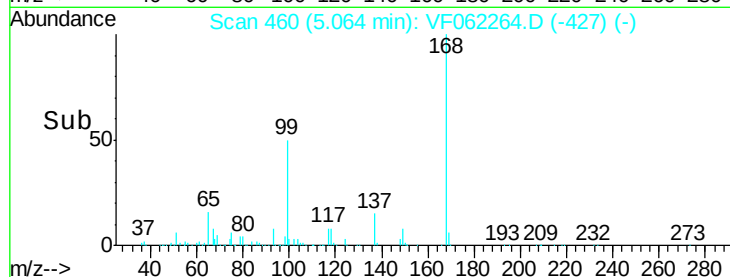
20000

0

Time-->

5.00

5.20



#20

Methylene Chloride

Concen: 9.123 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF062264.D

Acq: 23 Apr 2019 15:25

Tgt Ion: 84 Resp: 43724

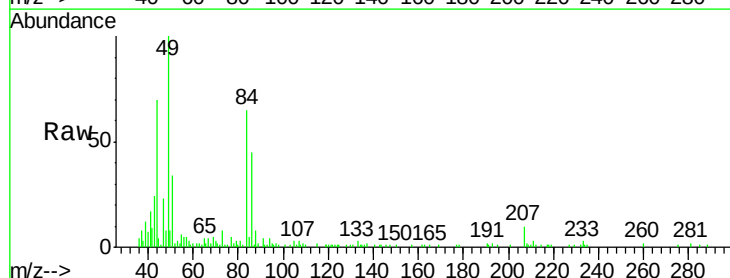
Ion Ratio Lower Upper

84 100

49 152.5 114.0 171.0

51 49.6 37.0 55.4

86 68.5 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VF0

Ion 48.90 (48.60 to 49.60): VF0

Ion 50.90 (50.60 to 51.60): VF0

Ion 85.90 (85.60 to 86.60): VF0

20000

15000

10000

5000

0

Time-->

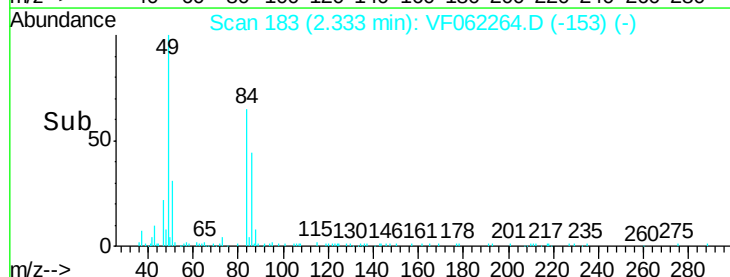
2.10

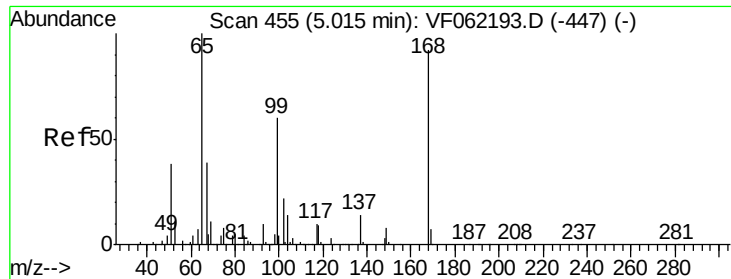
2.20

2.30

2.40

2.50

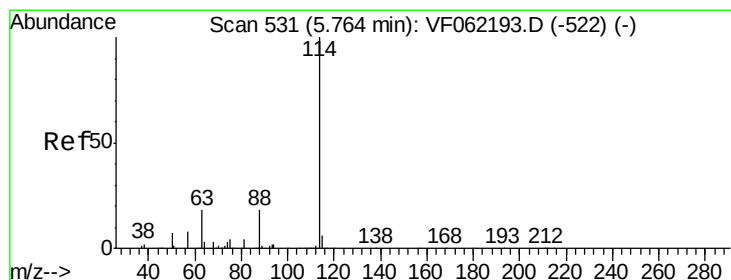
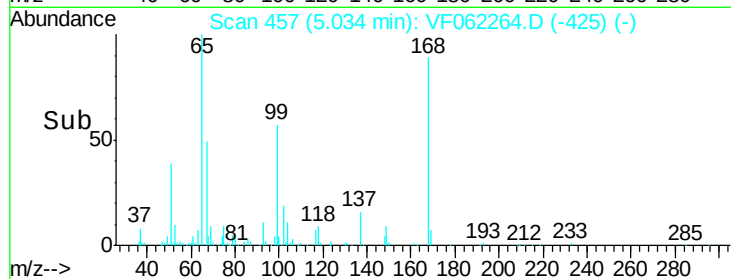
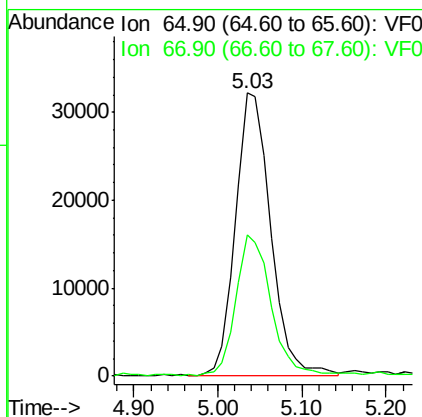
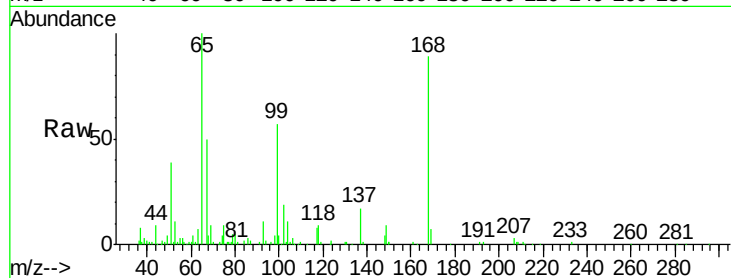




#33
 1,2-Dichloroethane-d4
 Concen: 36.184 ug/l
 RT: 5.03 min Scan# 457
 Delta R.T. 0.02 min
 Lab File: VF062264.D
 Acq: 23 Apr 2019 15:25

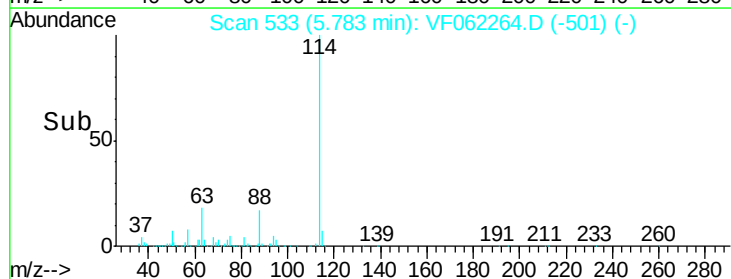
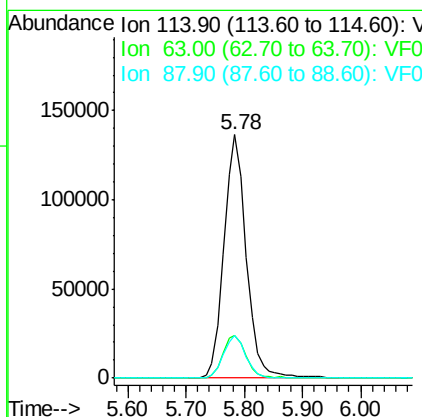
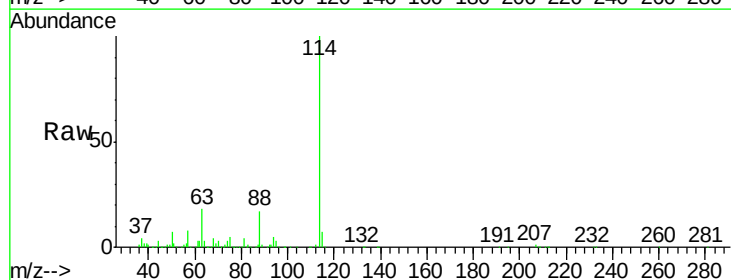
Instrument :
 MSVOA_F
 ClientSampleId :
 200027

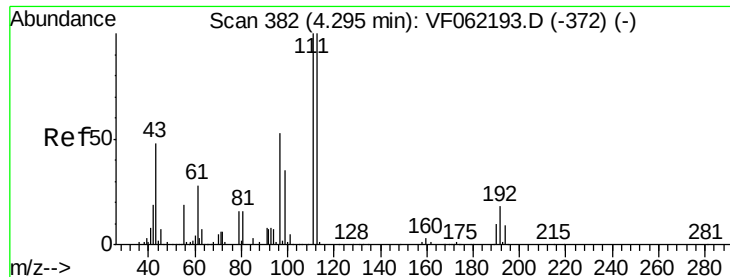
Tot Ion: 65 Resp: 94627
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VF062264.D
 Acq: 23 Apr 2019 15:25

Tgt Ion:114 Resp: 363014
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.6
 88 17.4 0.0 35.8

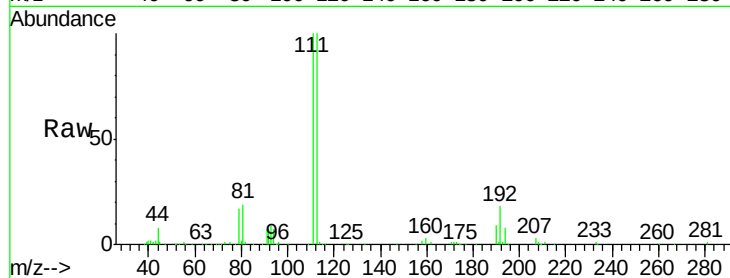




#35
Dibromofluoromethane
Concen: 40.948 ug/l
RT: 4.31 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062264.D
Acq: 23 Apr 2019 15:25

Instrument :
MSVOA_F
ClientSampleId :
200027

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.1	121.7
192	20.9	14.7	22.1

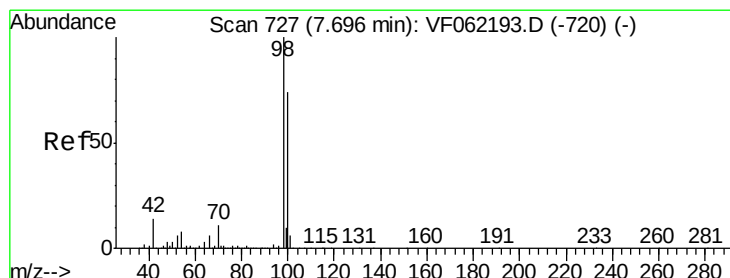
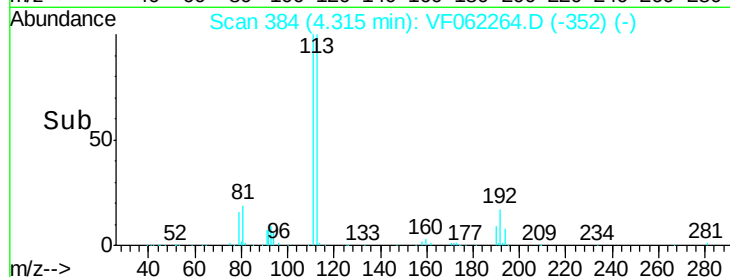
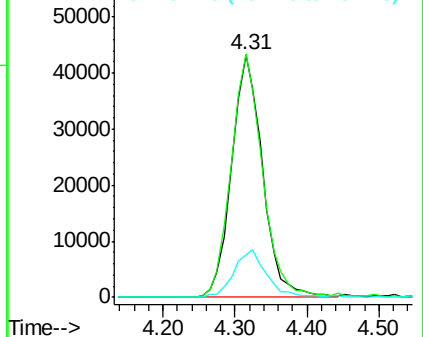


Abundance

Ion 112.80 (112.50 to 113.50): V

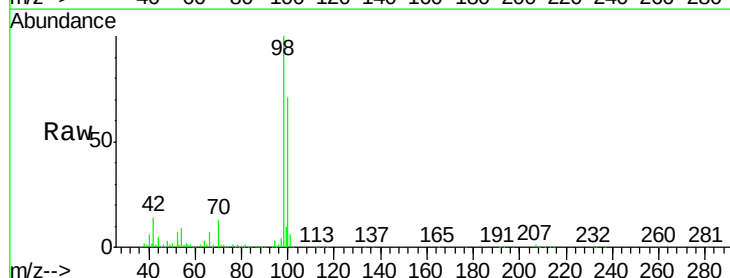
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
Toluene-d8
Concen: 33.927 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062264.D
Acq: 23 Apr 2019 15:25

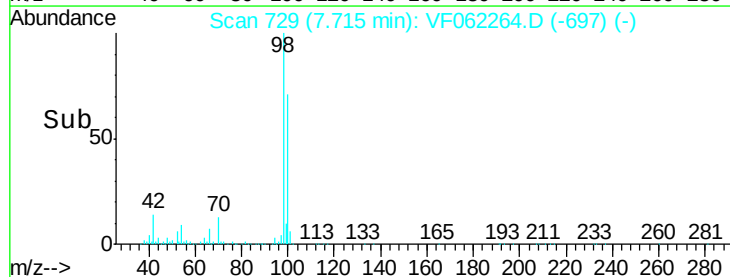
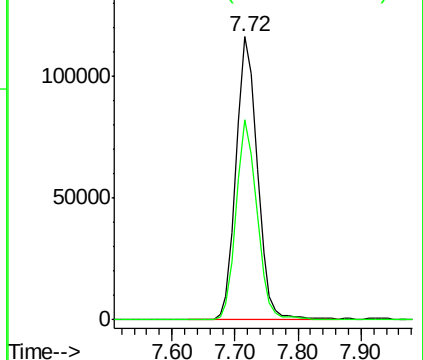
Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.7	56.2	84.2

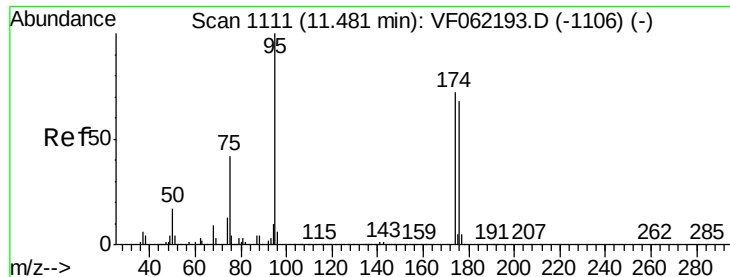


Abundance

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 37.029 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062264.D

Acq: 23 Apr 2019 15:25

Instrument :

MSVOA_F

ClientSampleId :

200027

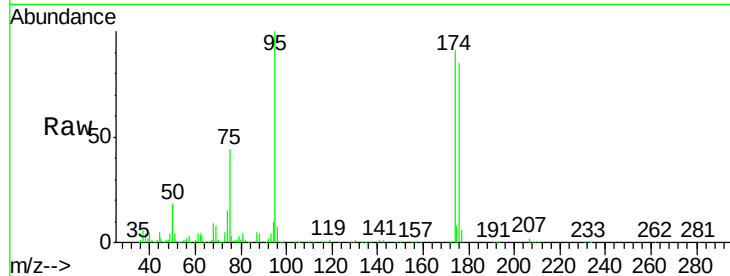
Tot Ion: 95 Resp: 114501

Ion Ratio Lower Upper

95 100

174 95.8 0.0 159.4

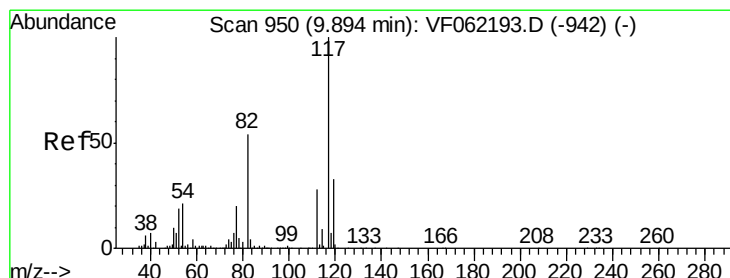
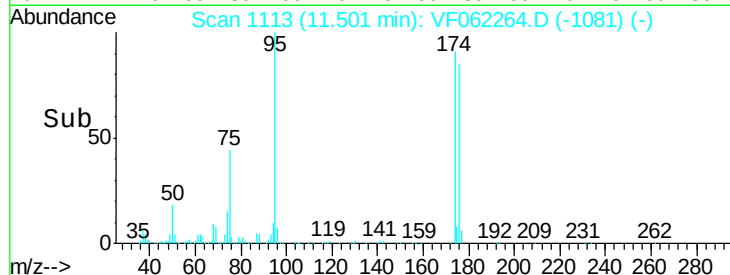
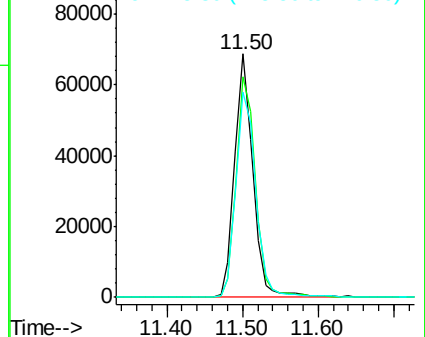
176 91.5 0.0 155.4



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: VF062264.D

Acq: 23 Apr 2019 15:25

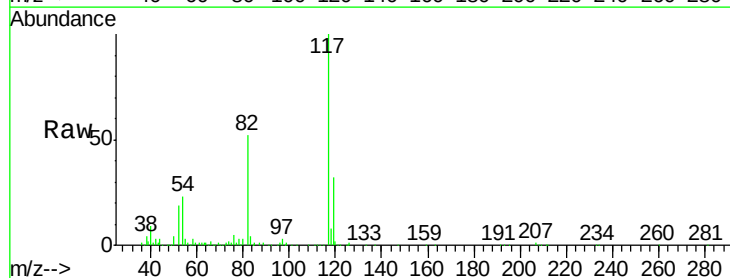
Tgt Ion: 117 Resp: 270934

Ion Ratio Lower Upper

117 100

82 51.7 43.2 64.8

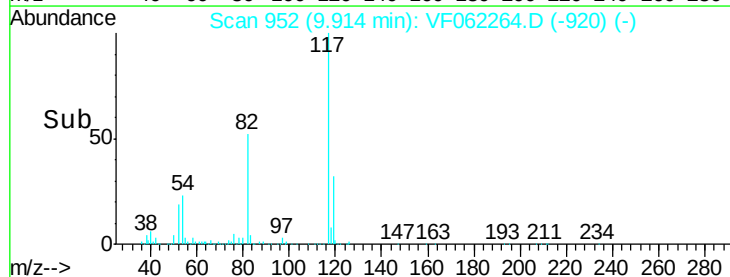
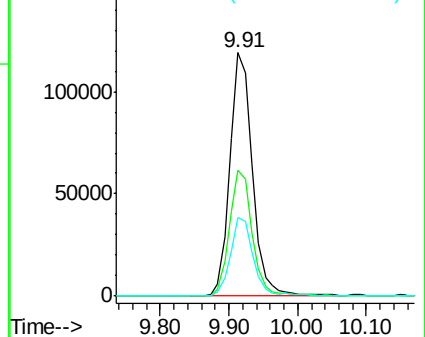
119 32.1 26.2 39.4

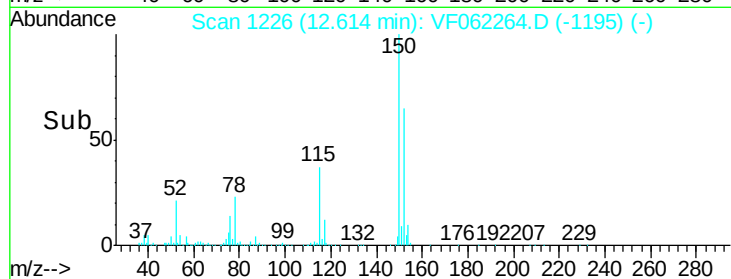
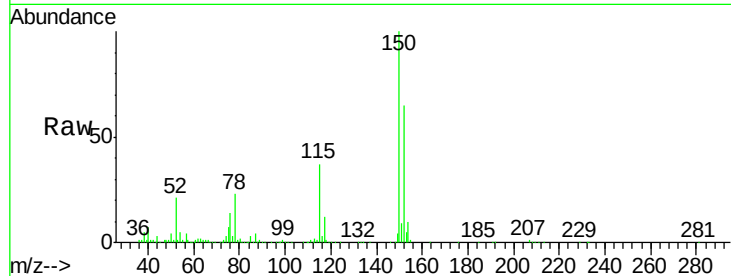
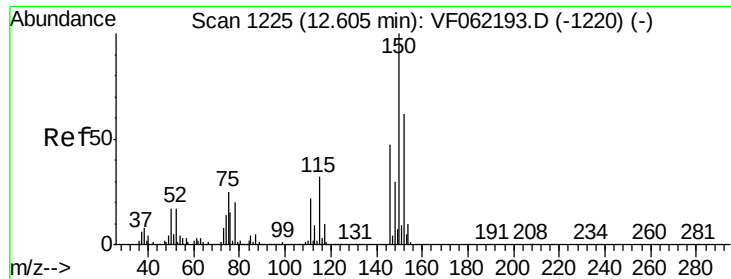


Abundance Ion 116.90 (116.60 to 117.60): VF0

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: 12.61 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062264.D

Acq: 23 Apr 2019 15:25

Instrument :

MSVOA_F

ClientSampleId :

200027

Tot Ion:152 Resp: 153721

Ion Ratio Lower Upper

152 100

115 53.9 27.8 83.3

150 152.1 0.0 341.8

