

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062266.D
 Acq On : 23 Apr 2019 16:22
 Operator : FY/SY
 Sample : K2484-01RE
 Misc : 6.59g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 72-12000RE

Quant Time: Apr 23 16:45:48 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

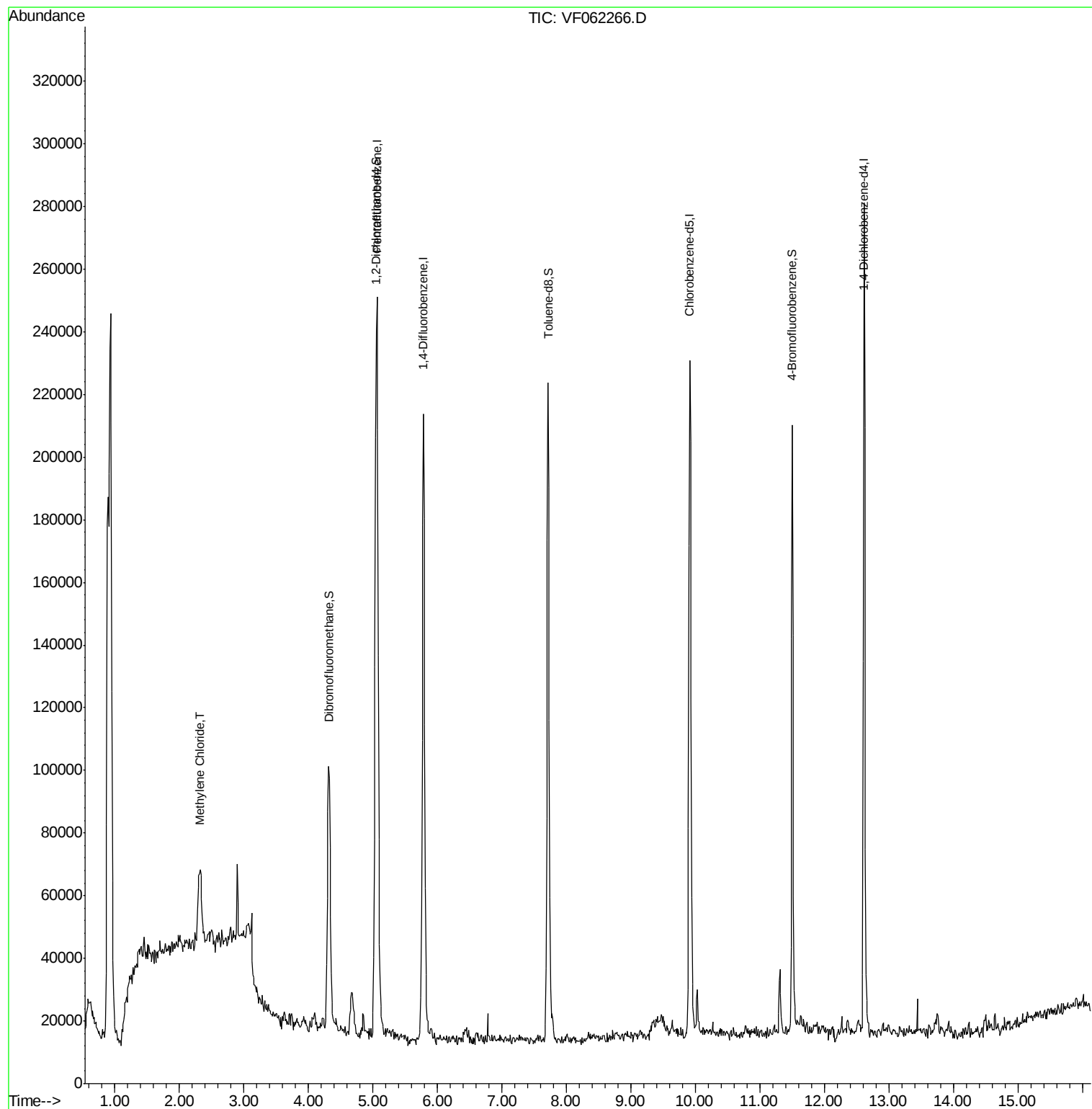
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	221767	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	236875	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	171342	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	71424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	62084	30.53	ug/l	0.03
Spiked Amount 50.000			Recovery	=	61.06%	
35) Dibromofluoromethane	4.31	113	81910	39.53	ug/l	0.02
Spiked Amount 50.000			Recovery	=	79.06%	
50) Toluene-d8	7.71	98	185821	35.43	ug/l	0.02
Spiked Amount 50.000			Recovery	=	70.86%	
62) 4-Bromofluorobenzene	11.50	95	66417	32.92	ug/l	0.02
Spiked Amount 50.000			Recovery	=	65.84%	
Target Compounds						
20) Methylene Chloride	2.32	84	21033	2.914	ug/l	Qvalue 96

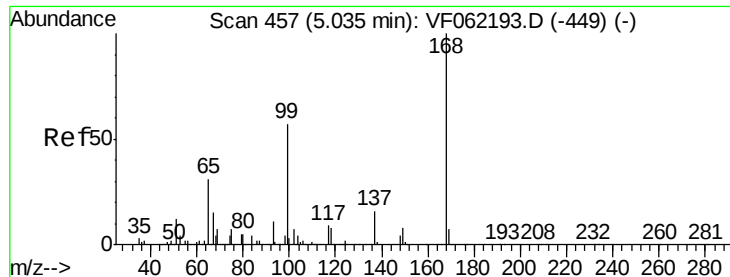
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042319\
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Quant Title : SW846 8260
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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: VF062266.D

Acq: 23 Apr 2019 16:22

Instrument :

MSVOA_F

ClientSampleId :

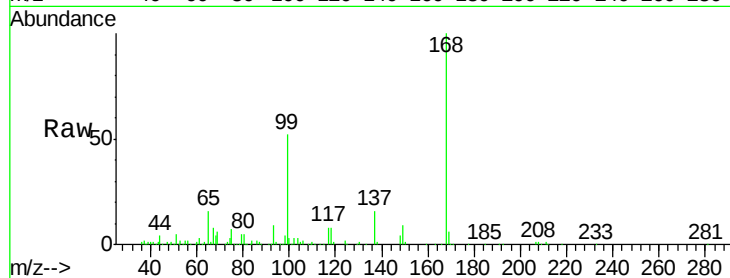
72-12000RE

Tot Ion:168 Resp: 221767

Ion Ratio Lower Upper

168 100

99 52.0 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

80000

60000

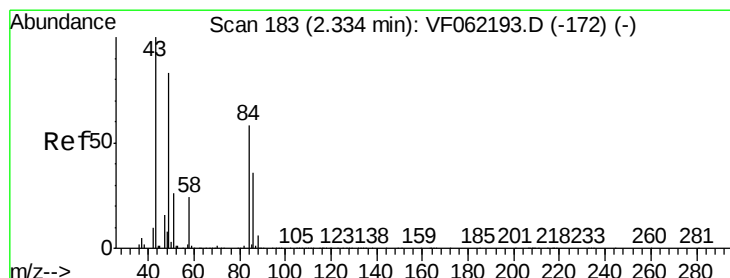
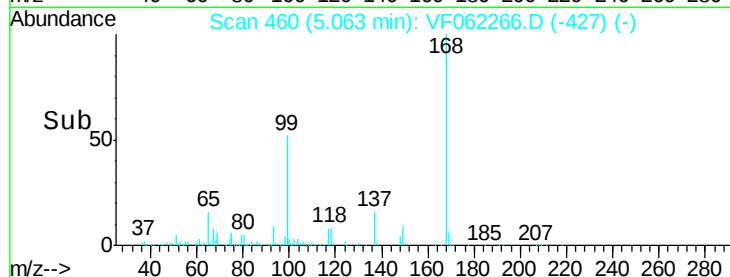
40000

20000

0

4.90 5.00 5.10 5.20 5.30

Time-->



#20

Methylene Chloride

Concen: 2.914 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.01 min

Lab File: VF062266.D

Acq: 23 Apr 2019 16:22

Tgt Ion: 84 Resp: 21033

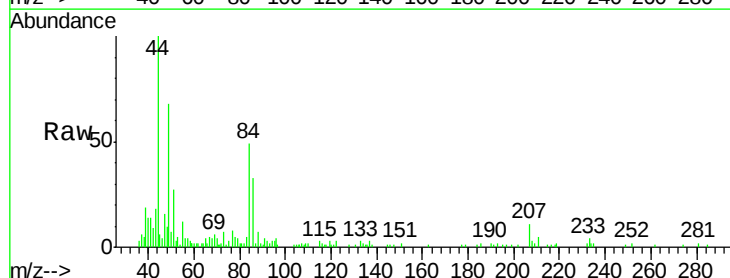
Ion Ratio Lower Upper

84 100

49 139.6 114.0 171.0

51 48.3 37.0 55.4

86 67.7 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

10000

8000

6000

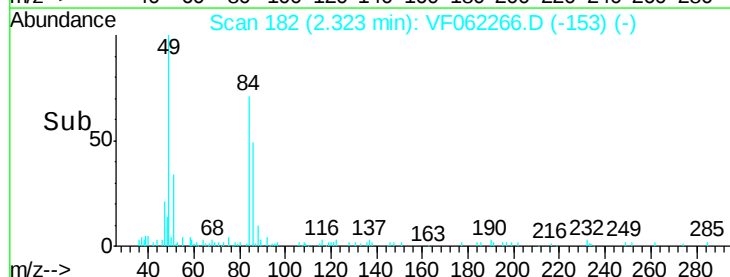
4000

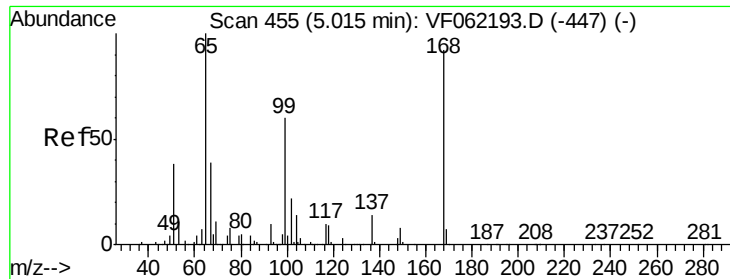
2000

0

2.20 2.30 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 30.531 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062266.D

Acq: 23 Apr 2019 16:22

Instrument :

MSVOA_F

ClientSampleId :

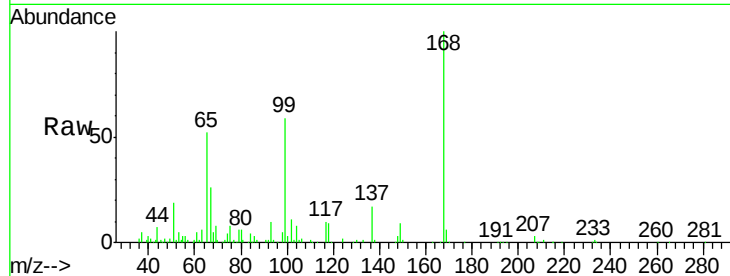
72-12000RE

Tot Ion: 65 Resp: 62084

Ion Ratio Lower Upper

65 100

67 52.3 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

25000

20000

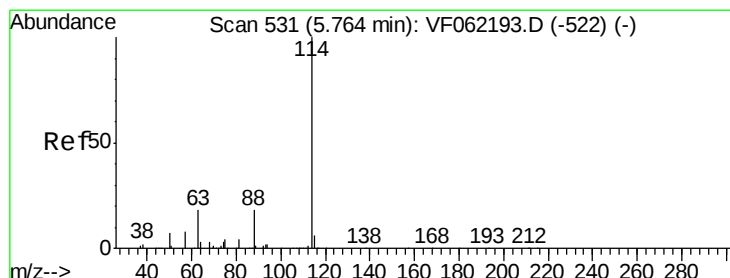
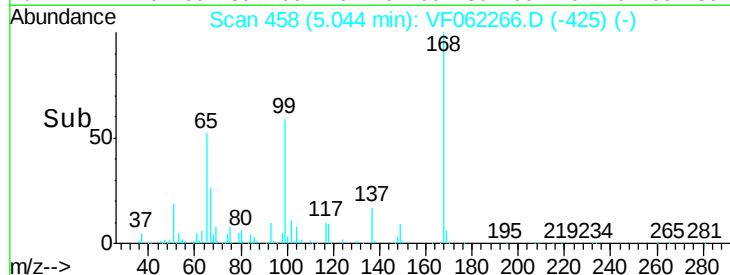
15000

10000

5000

0

Time--> 4.90 5.00 5.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062266.D

Acq: 23 Apr 2019 16:22

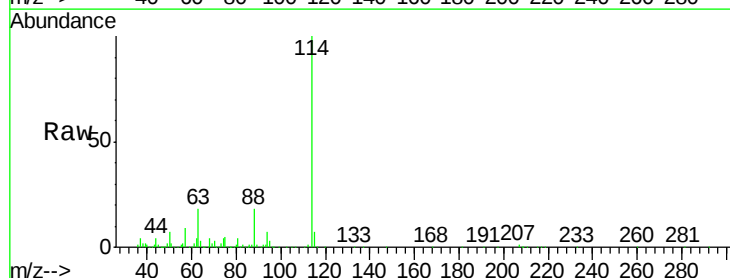
Tgt Ion: 114 Resp: 236875

Ion Ratio Lower Upper

114 100

63 18.4 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

120000

100000

80000

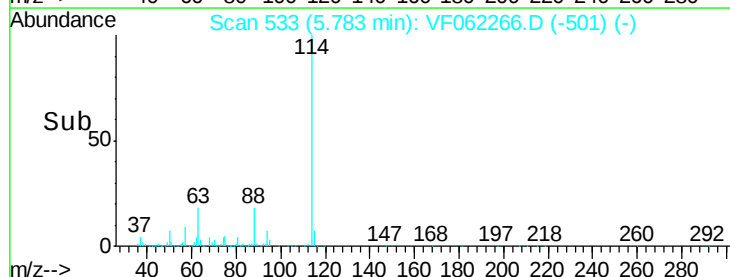
60000

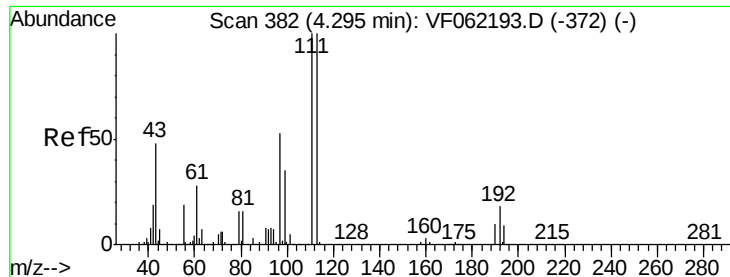
40000

20000

0

Time--> 5.60 5.70 5.80 5.90 6.00

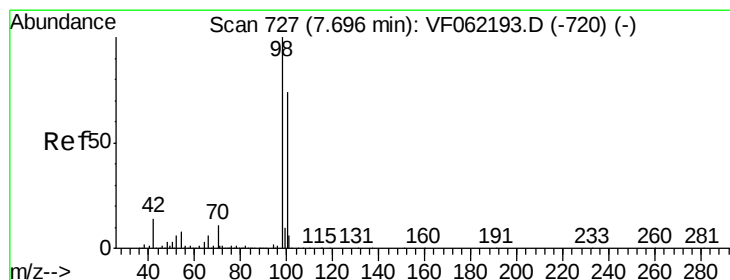
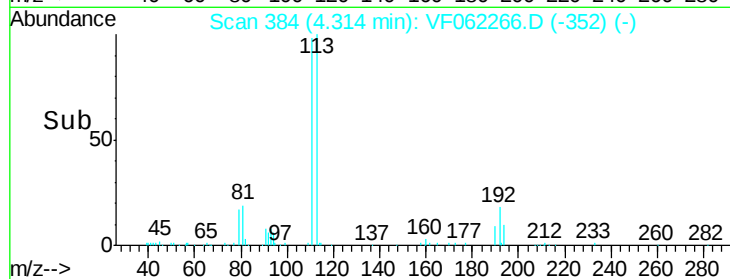
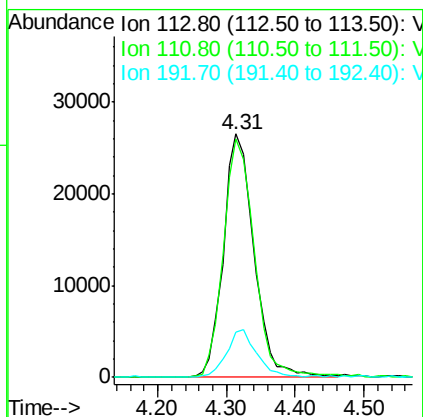
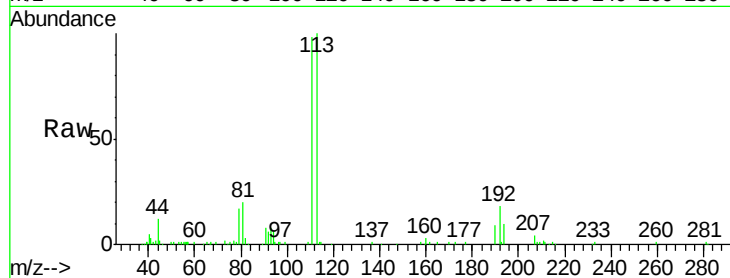




#35
 Dibromofluoromethane
 Concen: 39.531 ug/l
 RT: 4.31 min Scan# 384
 Delta R.T. 0.02 min
 Lab File: VF062266.D
 Acq: 23 Apr 2019 16:22

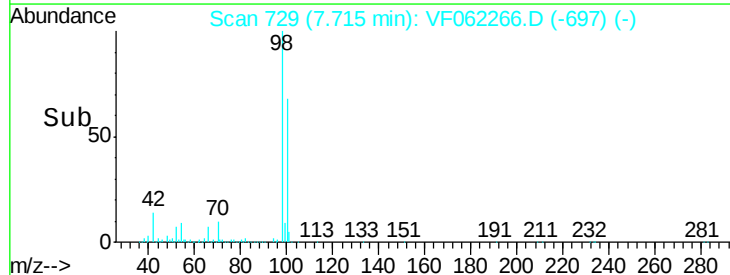
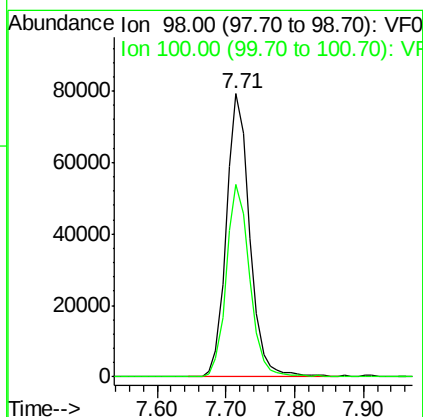
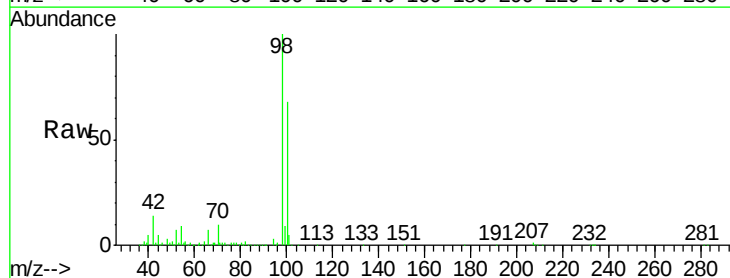
Instrument :
 MSVOA_F
 ClientSampleId :
 72-12000RE

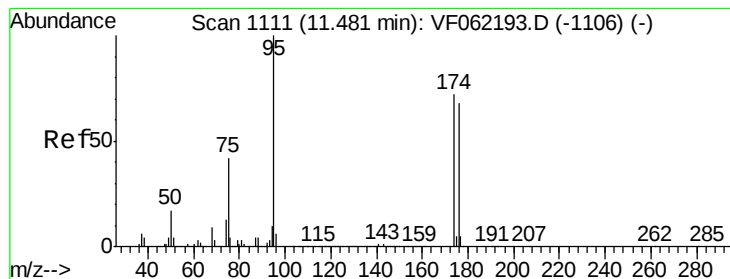
Tot Ion:113 Resp: 81910
 Ion Ratio Lower Upper
 113 100
 111 100.0 81.1 121.7
 192 19.0 14.7 22.1



#50
 Toluene-d8
 Concen: 35.428 ug/l
 RT: 7.71 min Scan# 729
 Delta R.T. 0.02 min
 Lab File: VF062266.D
 Acq: 23 Apr 2019 16:22

Tgt Ion: 98 Resp: 185821
 Ion Ratio Lower Upper
 98 100
 100 67.4 56.2 84.2





#62

4-Bromofluorobenzene

Concen: 32.916 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062266.D

Acq: 23 Apr 2019 16:22

Instrument :

MSVOA_F

ClientSampleId :

72-12000RE

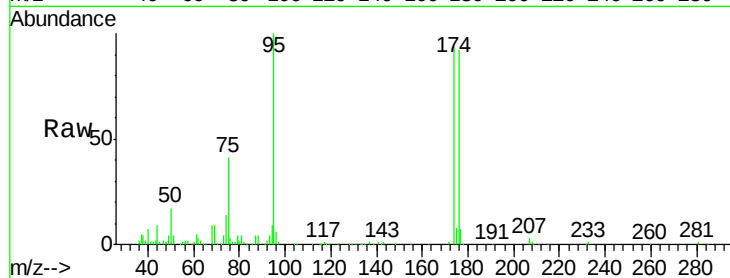
Tot Ion: 95 Resp: 66417

Ion Ratio Lower Upper

95 100

174 96.0 0.0 159.4

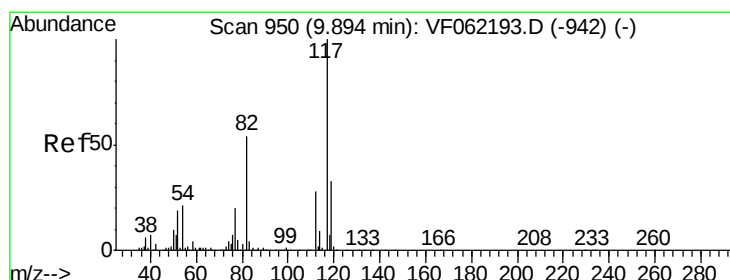
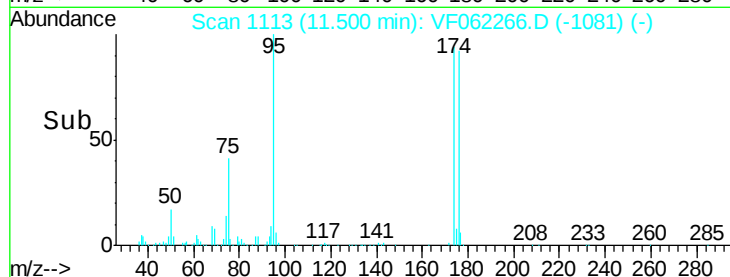
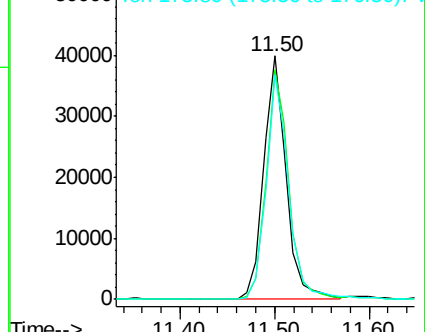
176 92.7 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.02 min

Lab File: VF062266.D

Acq: 23 Apr 2019 16:22

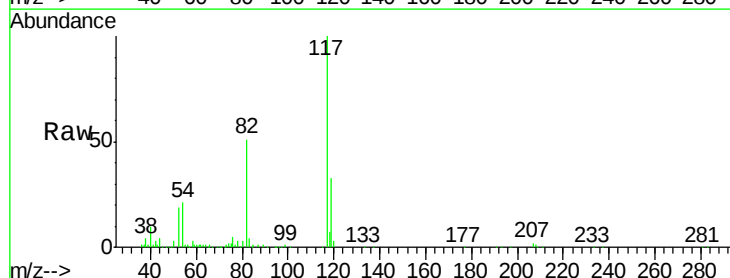
Tgt Ion: 117 Resp: 171342

Ion Ratio Lower Upper

117 100

82 50.8 43.2 64.8

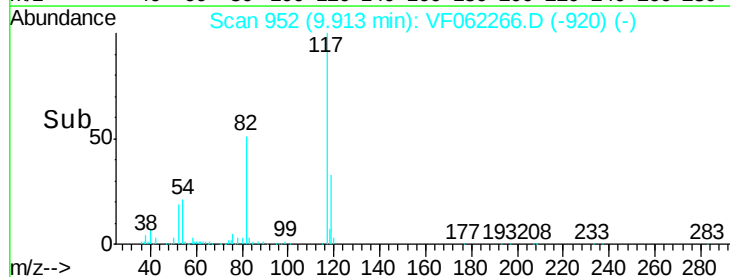
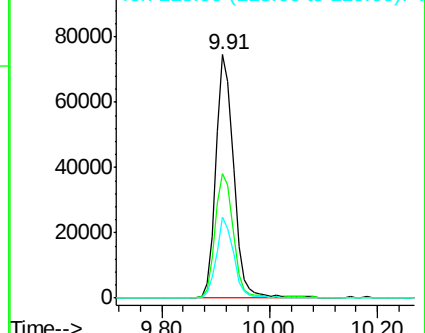
119 33.3 26.2 39.4

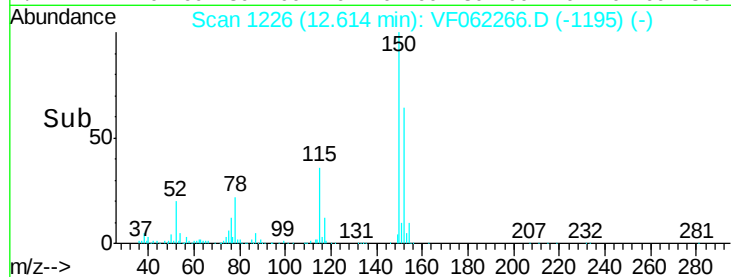
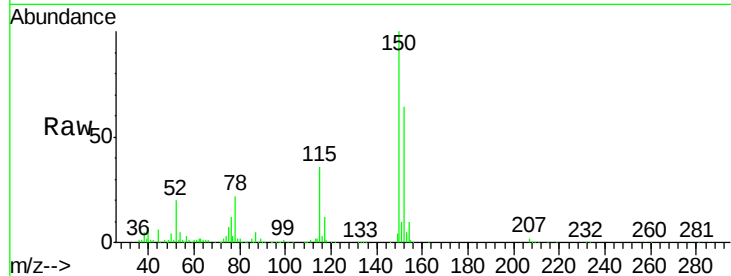
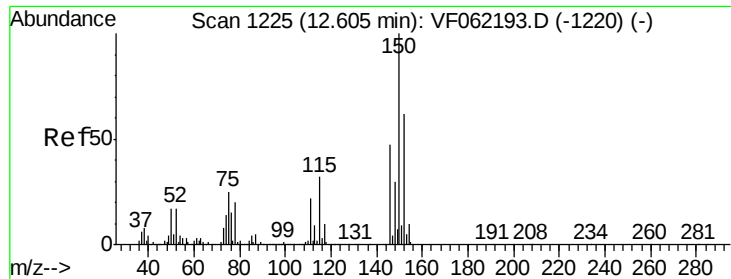


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.61 min Scan# 1226

Delta R.T. 0.01 min

Lab File: VF062266.D

Acq: 23 Apr 2019 16:22

Instrument :

MSVOA_F

ClientSampleId :

72-12000RE

Tot Ion:152 Resp: 71424

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

150 155.3 0.0 341.8

