

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041819\
 Data File : VF062209.D
 Acq On : 18 Apr 2019 17:11
 Operator : FY/SY
 Sample : K2407-06
 Misc : 5.89g/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-11-D2

Quant Time: Apr 19 02:26:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 07:43:02 2019
 Response via : Initial Calibration

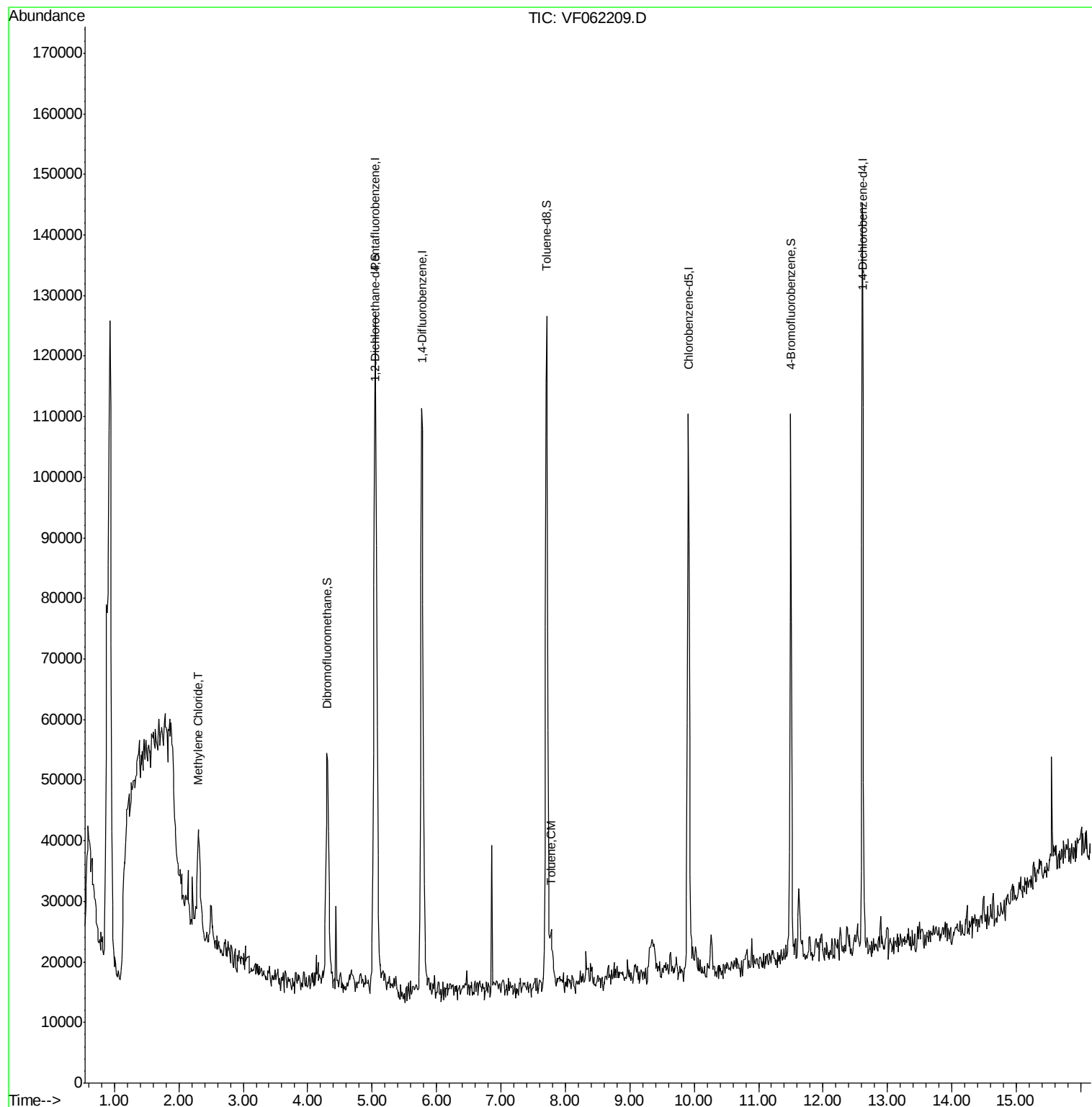
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	106749	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.77	114	119166	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	76288	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	32872	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	21833	22.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	44.62%	
35) Dibromofluoromethane	4.30	113	35469	34.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.06%	
50) Toluene-d8	7.71	98	103433	39.20	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.40%	
62) 4-Bromofluorobenzene	11.50	95	34630	34.12	ug/l	0.02
Spiked Amount 50.000			Recovery	=	68.24%	
Target Compounds						
20) Methylene Chloride	2.30	84	11055	3.840	ug/l #	87
52) Toluene	7.78	92	4451	2.253	ug/l #	64

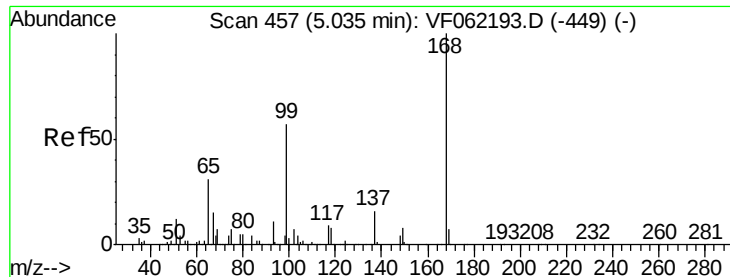
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

ClientSampleId :

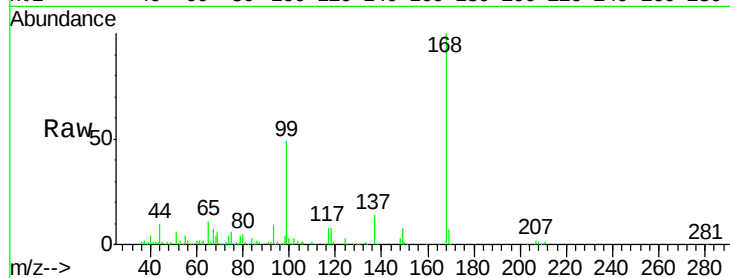
TP-11-D2

Tot Ion:168 Resp: 106749

Ion Ratio Lower Upper

168 100

99 49.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.05

40000

30000

20000

10000

0

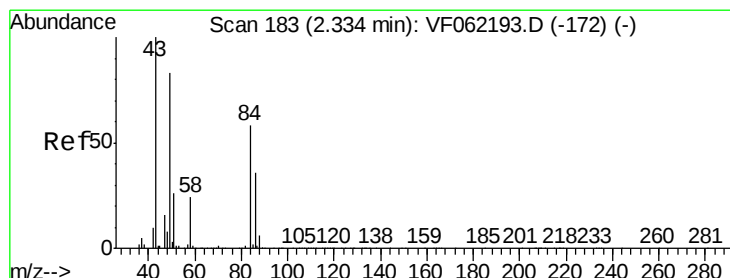
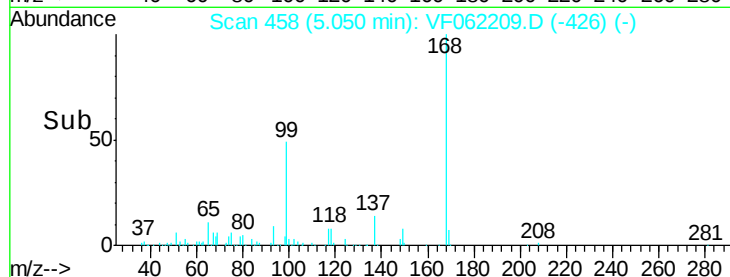
Time-->

4.90

5.00

5.10

5.20



#20

Methylene Chloride

Concen: 3.840 ug/l

RT: 2.30 min Scan# 179

Delta R.T. -0.03 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Tgt Ion: 84 Resp: 11055

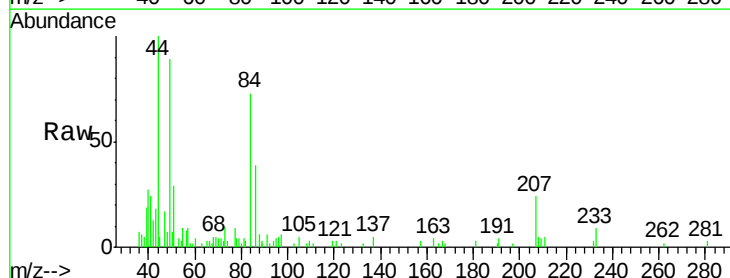
Ion Ratio Lower Upper

84 100

49 125.2 114.0 171.0

51 35.8 37.0 55.4#

86 55.4 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

6000

4000

2000

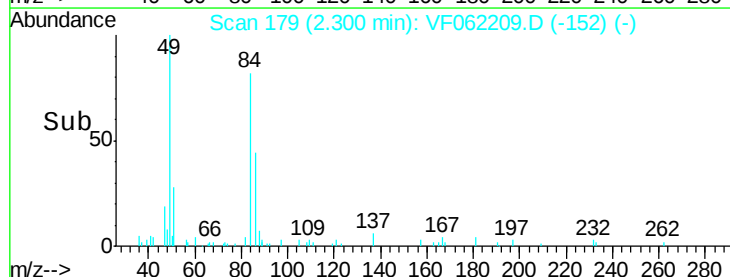
0

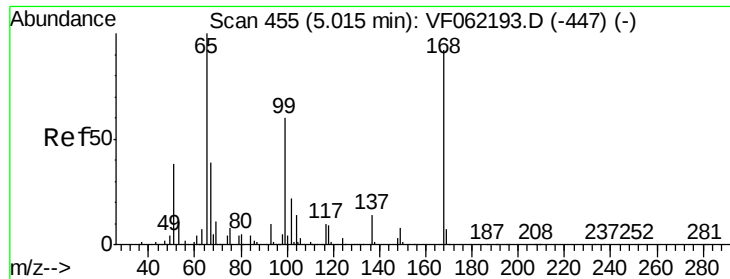
Time-->

2.20

2.30

2.40





#33

1,2-Dichloroethane-d4

Concen: 22.305 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.02 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

ClientSampled :

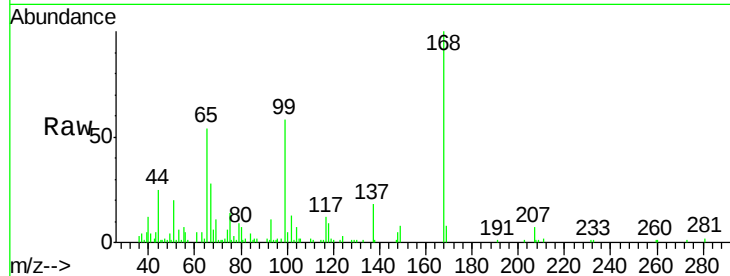
TP-11-D2

Tot Ion: 65 Resp: 21833

Ion Ratio Lower Upper

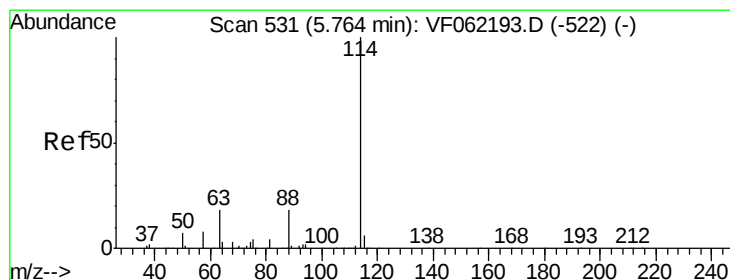
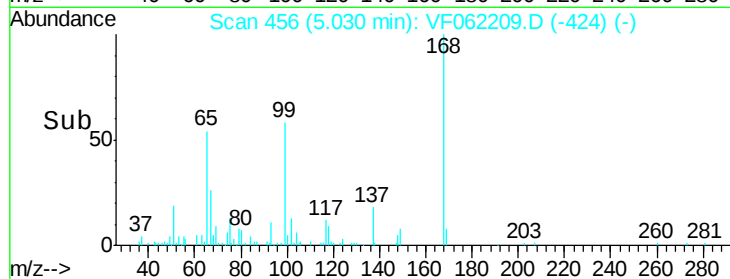
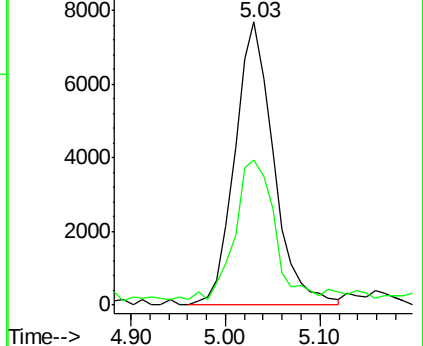
65 100

67 50.0 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

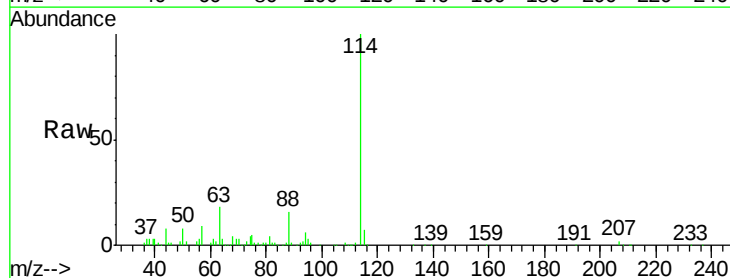
Tgt Ion: 114 Resp: 119166

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.6

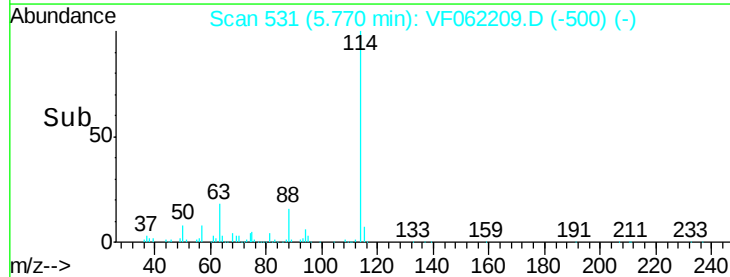
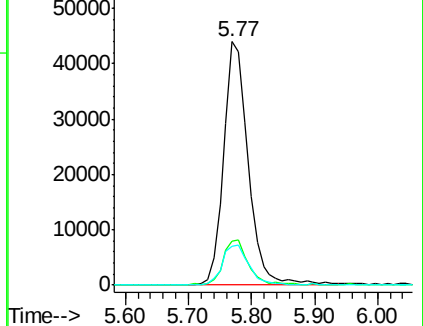
88 16.1 0.0 35.8

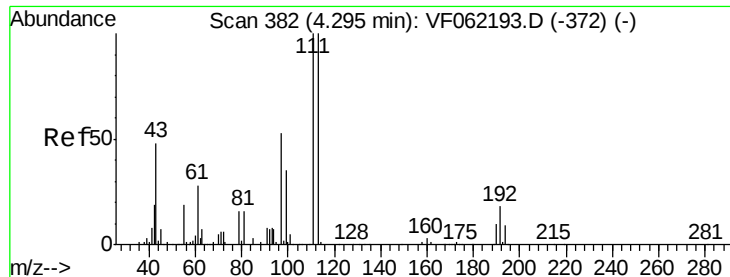


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0

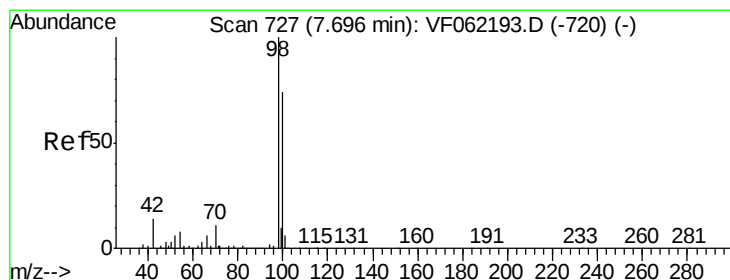
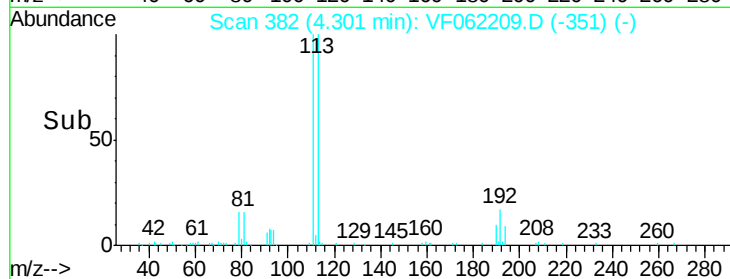
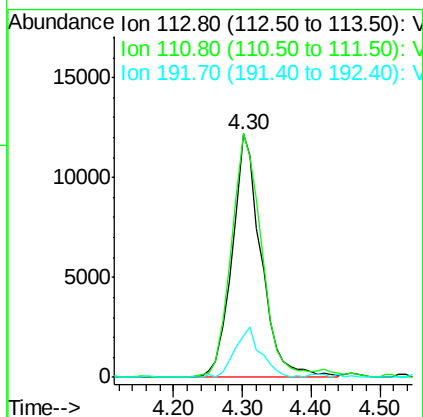
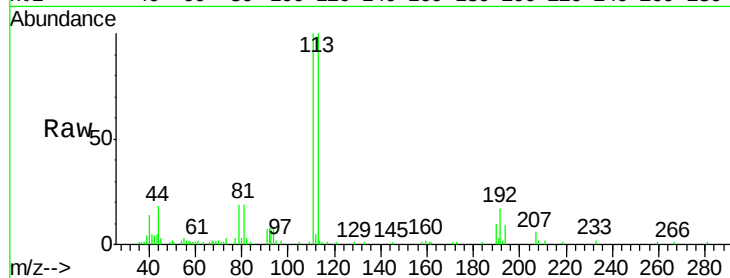




#35
 Dibromofluoromethane
 Concen: 34.027 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VF062209.D
 Acq: 18 Apr 2019 17:11

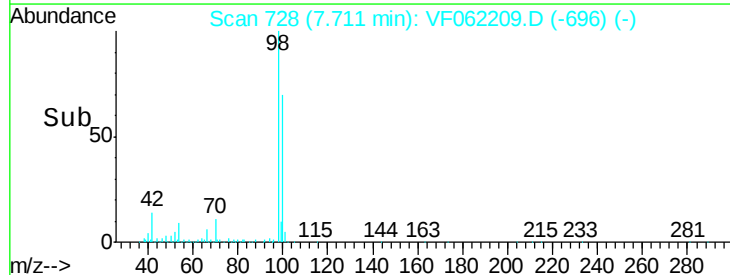
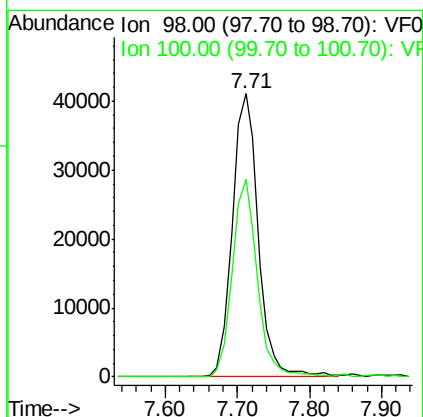
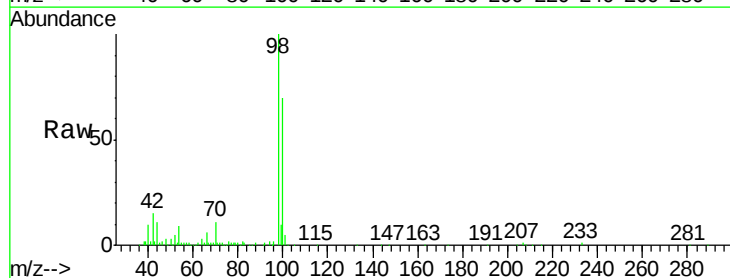
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-11-D2

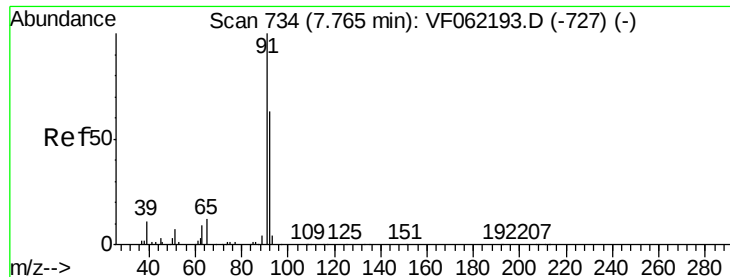
Tot Ion:113 Resp: 35469
 Ion Ratio Lower Upper
 113 100
 111 104.9 81.1 121.7
 192 18.6 14.7 22.1



#50
 Toluene-d8
 Concen: 39.199 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.02 min
 Lab File: VF062209.D
 Acq: 18 Apr 2019 17:11

Tgt Ion: 98 Resp: 103433
 Ion Ratio Lower Upper
 98 100
 100 66.8 56.2 84.2





#52

Toluene

Concen: 2.253 ug/l

RT: 7.78 min Scan# 735

Delta R.T. 0.02 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

Instrument :

MSVOA_F

ClientSampleId :

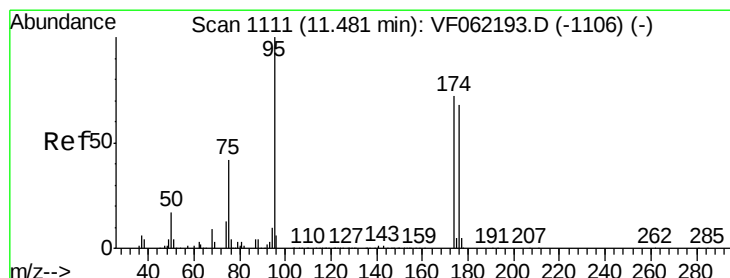
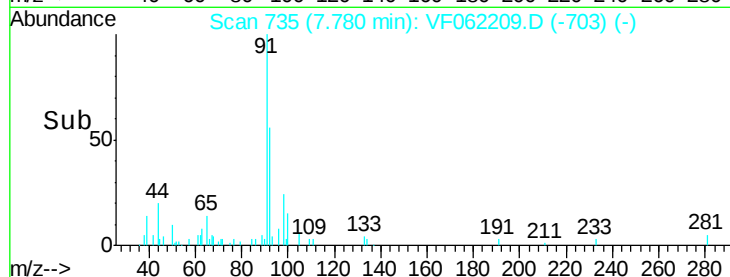
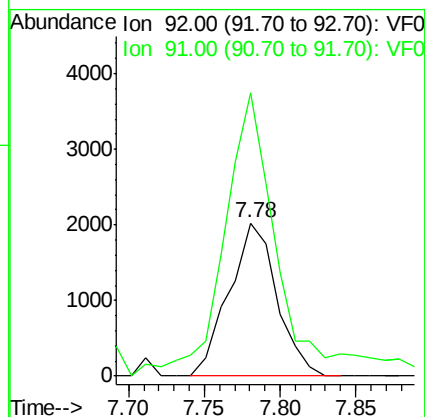
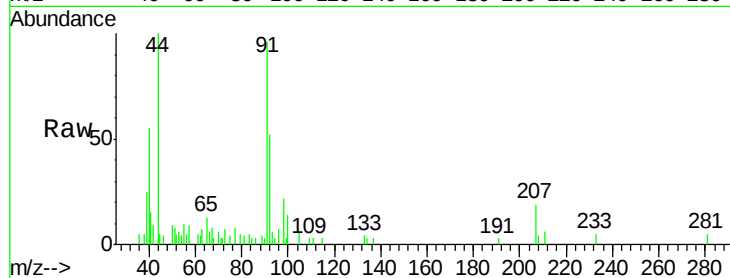
TP-11-D2

Tot Ion: 92 Resp: 4451

Ion Ratio Lower Upper

92 100

91 209.9 130.1 195.1#



#62

4-Bromofluorobenzene

Concen: 34.116 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.02 min

Lab File: VF062209.D

Acq: 18 Apr 2019 17:11

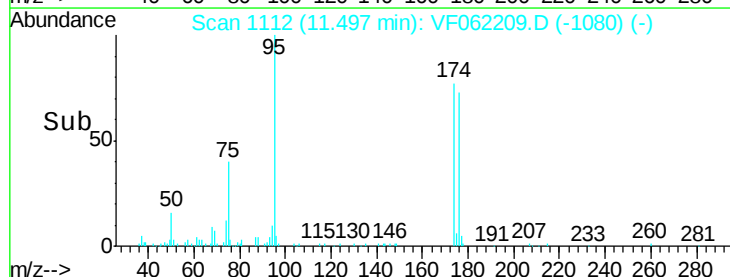
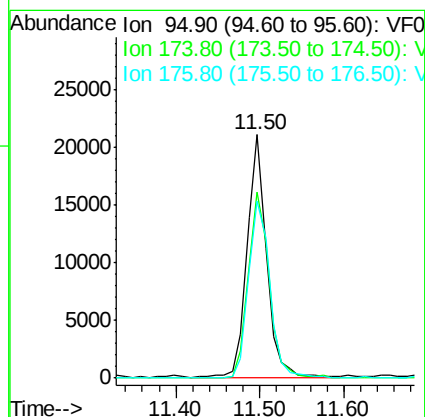
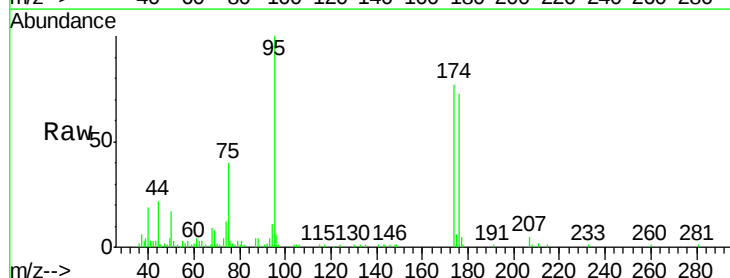
Tgt Ion: 95 Resp: 34630

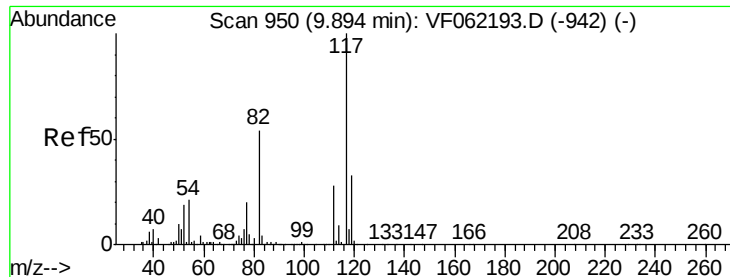
Ion Ratio Lower Upper

95 100

174 81.9 0.0 159.4

176 79.0 0.0 155.4

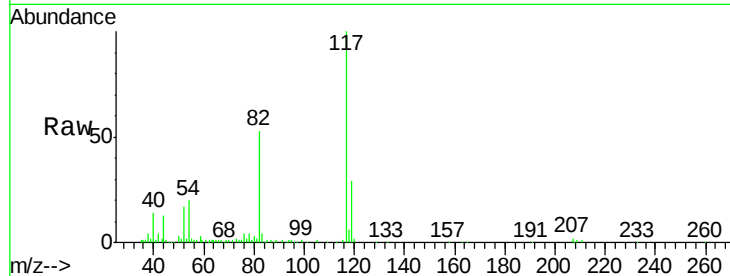




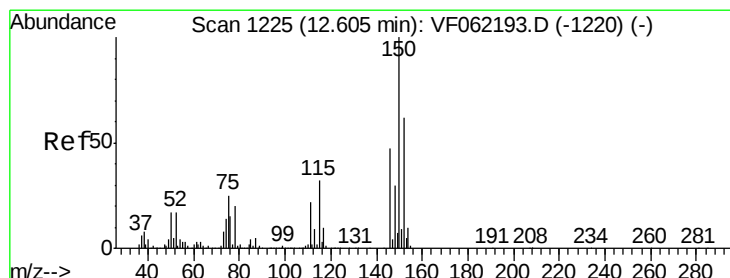
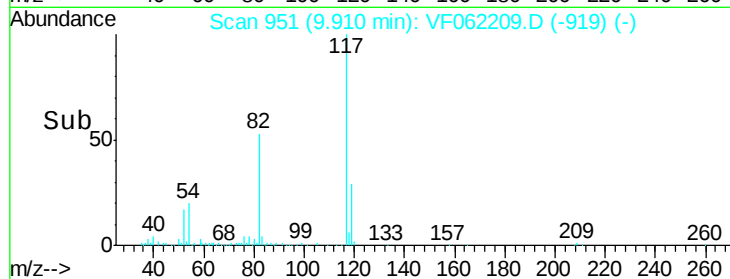
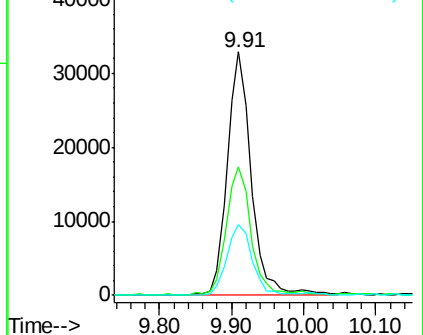
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.02 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Instrument :
MSVOA_F
ClientSampleId :
TP-11-D2

Tot Ion:117 Resp: 76288
Ion Ratio Lower Upper
117 100
82 52.6 43.2 64.8
119 29.1 26.2 39.4

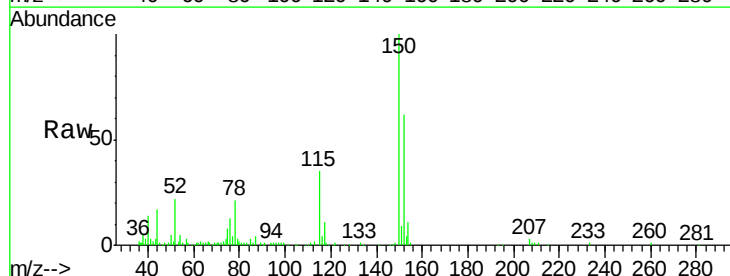


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VF062209.D
Acq: 18 Apr 2019 17:11

Tgt Ion:152 Resp: 32872
Ion Ratio Lower Upper
152 100
115 56.6 27.8 83.3
150 158.0 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

