

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042319\
 Data File : VF062263.D
 Acq On : 23 Apr 2019 14:56
 Operator : FY/SY
 Sample : K2202-01
 Misc : 6.59g/5mL/MSVOA F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SA-06-041819-A

Quant Time: Apr 23 15:42:51 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

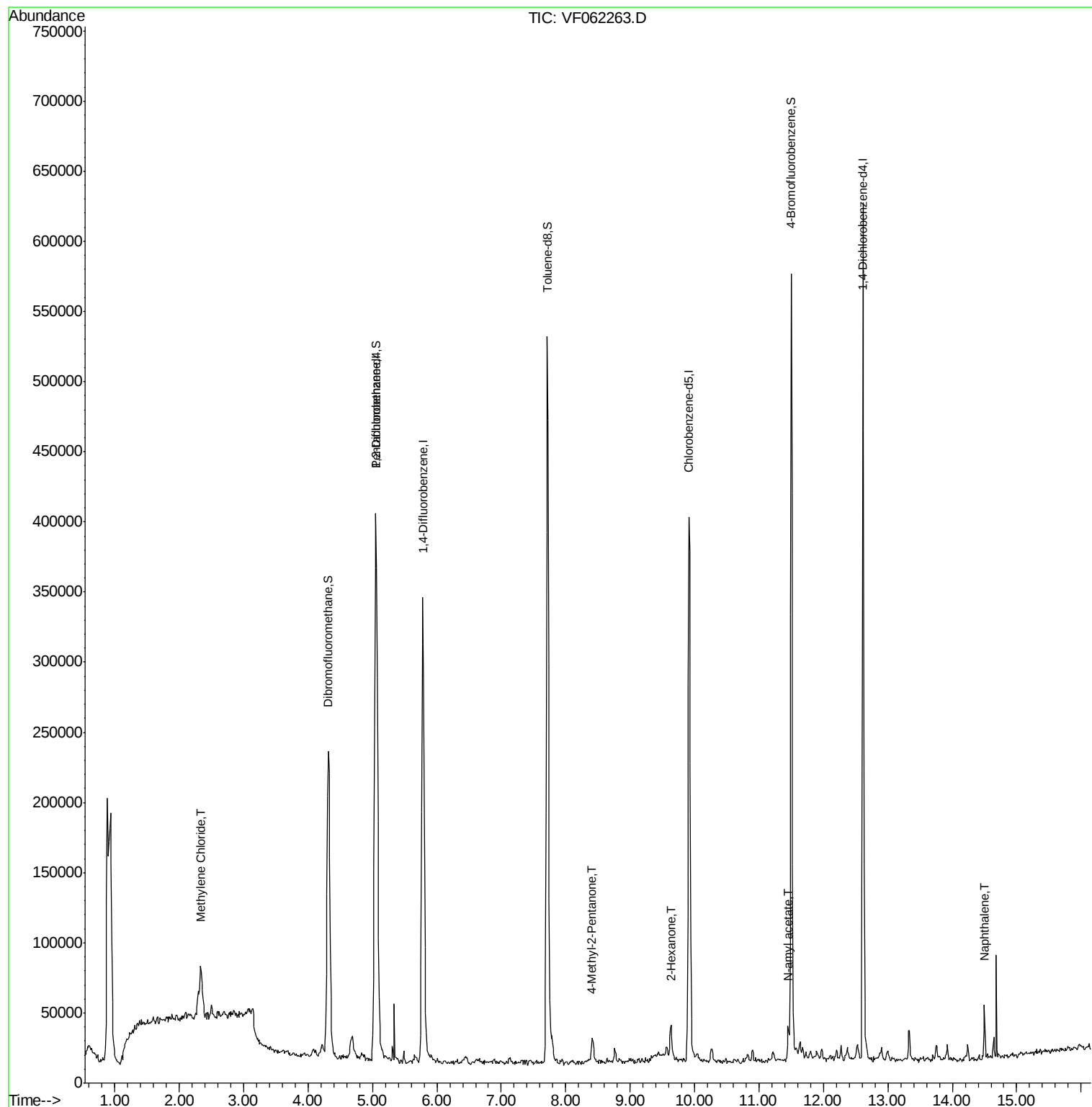
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	312405	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	402505	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	312855	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	167333	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	166471	58.11	ug/l	0.03
Spiked Amount 50.000			Recovery	=	116.22%	
35) Dibromofluoromethane	4.31	113	208372	59.18	ug/l	0.02
Spiked Amount 50.000			Recovery	=	118.36%	
50) Toluene-d8	7.71	98	467454	52.45	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.50	95	193972	56.57	ug/l	0.02
Spiked Amount 50.000			Recovery	=	113.14%	
Target Compounds						
20) Methylene Chloride	2.33	84	31077	3.406	ug/l	93
51) 4-Methyl-2-Pentanone	8.40	43	21784	12.229	ug/l	92
59) 2-Hexanone	9.64	43	23897	21.637	ug/l	99
74) N-amyl acetate	11.45	43	19243	3.604	ug/l #	93
95) Naphthalene	14.50	128	22686	2.811	ug/l	100

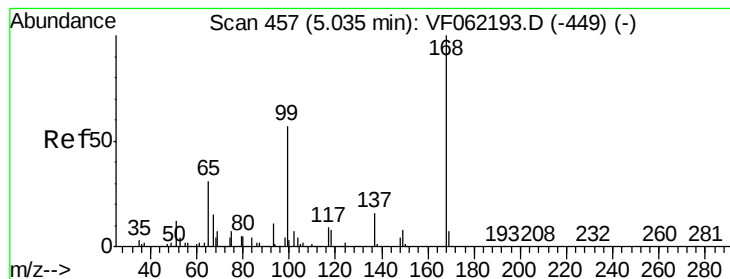
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042319\
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Quant Title : SW846 8260
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: VF062263.D

Acq: 23 Apr 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

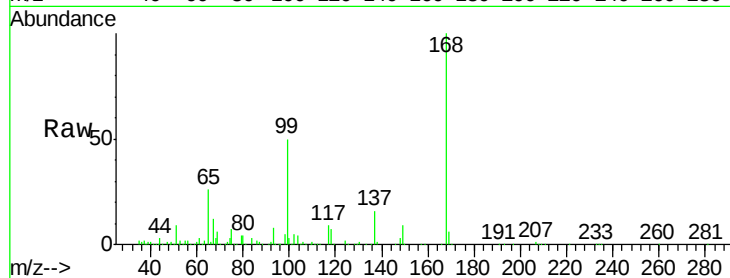
SA-06-041819-A

Tot Ion:168 Resp: 312405

Ion Ratio Lower Upper

168 100

99 50.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

120000

100000

80000

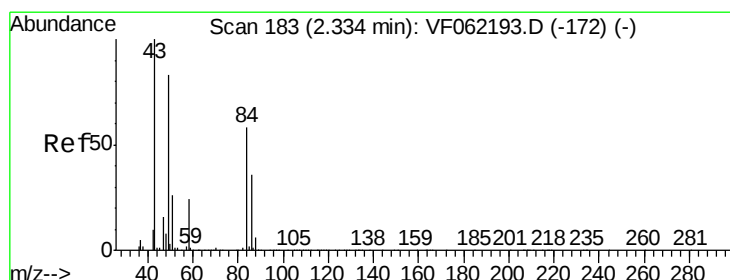
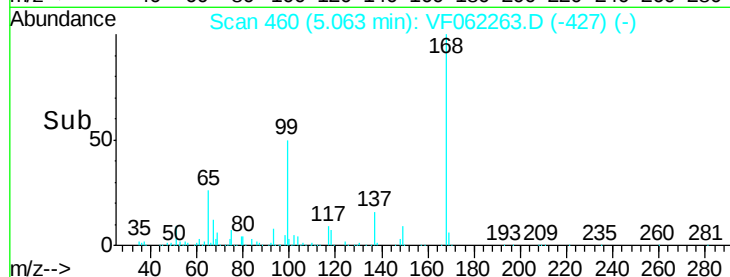
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 3.406 ug/l

RT: 2.33 min Scan# 183

Delta R.T. -0.00 min

Lab File: VF062263.D

Acq: 23 Apr 2019 14:56

Tgt Ion: 84 Resp: 31077

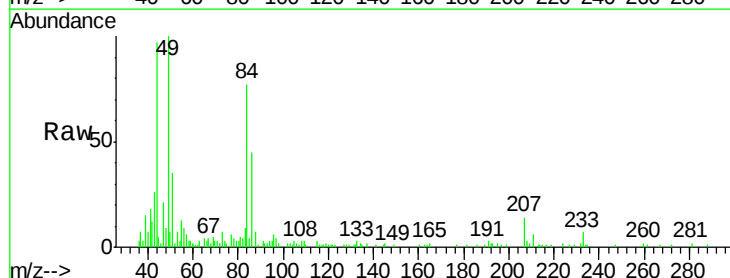
Ion Ratio Lower Upper

84 100

49 132.5 114.0 171.0

51 40.8 37.0 55.4

86 58.8 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

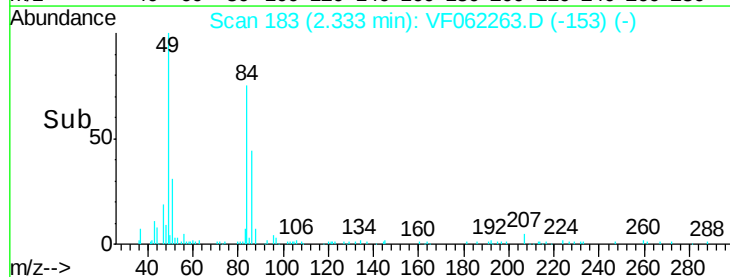
15000

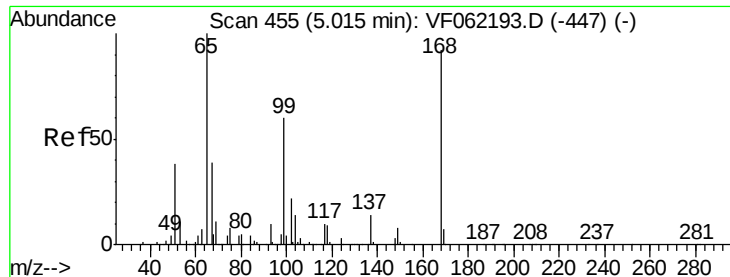
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 58.114 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062263.D

Acq: 23 Apr 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

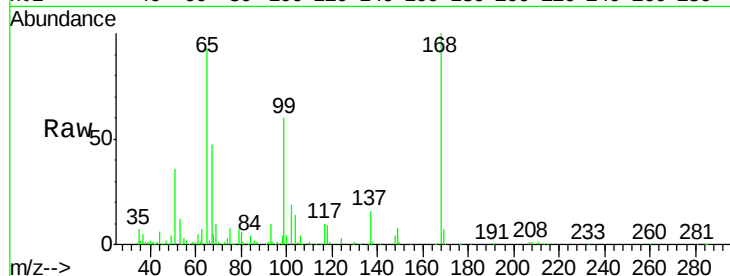
SA-06-041819-A

Tot Ion: 65 Resp: 166471

Ion Ratio Lower Upper

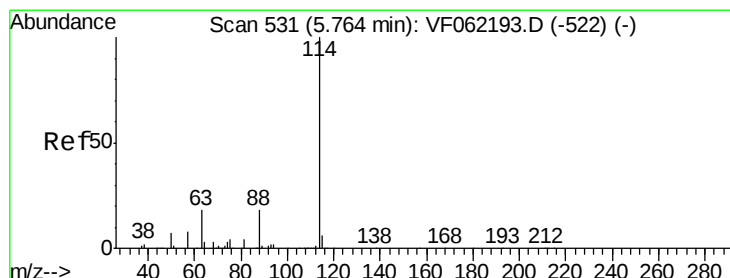
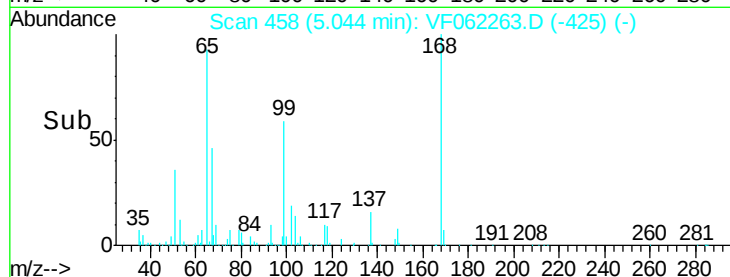
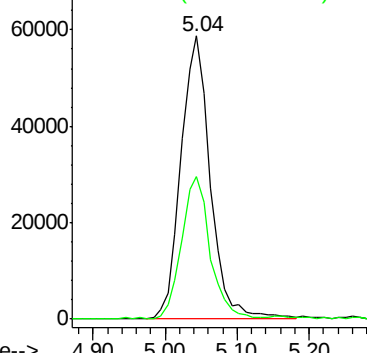
65 100

67 48.0 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: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062263.D

Acq: 23 Apr 2019 14:56

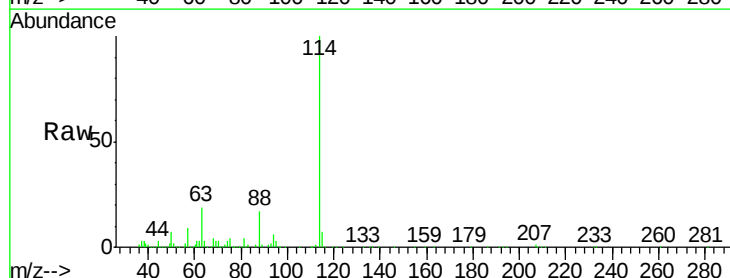
Tgt Ion: 114 Resp: 402505

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.6

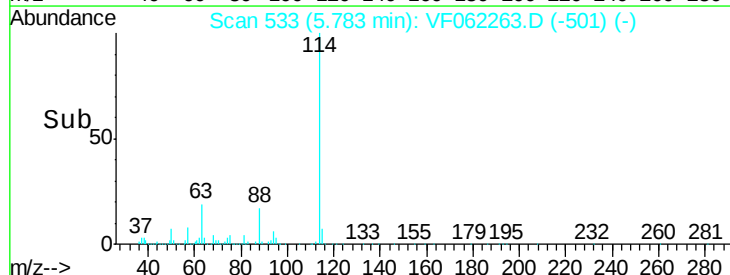
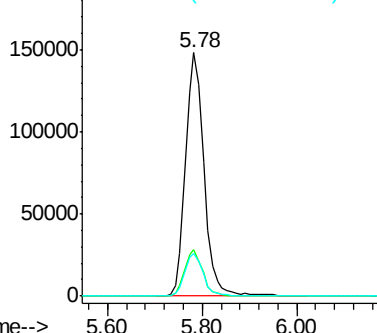
88 17.4 0.0 35.8

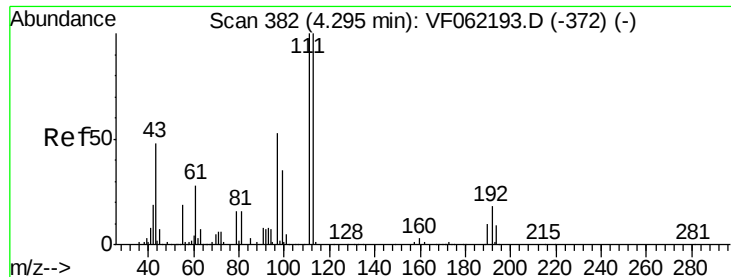


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0

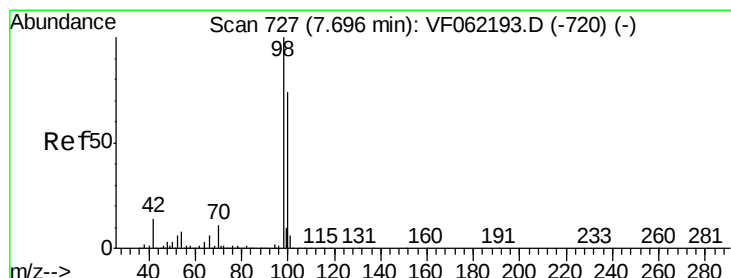
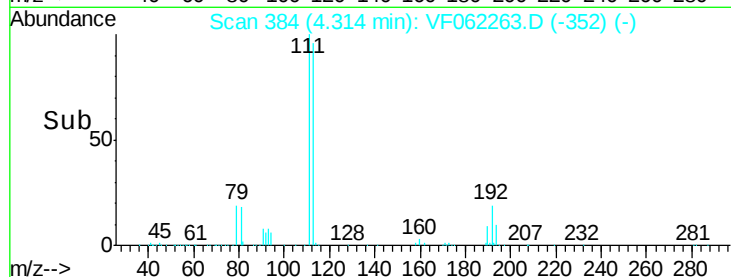
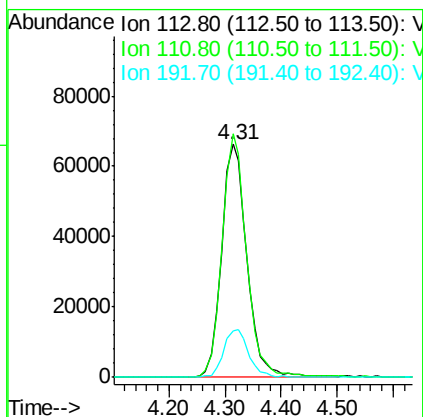
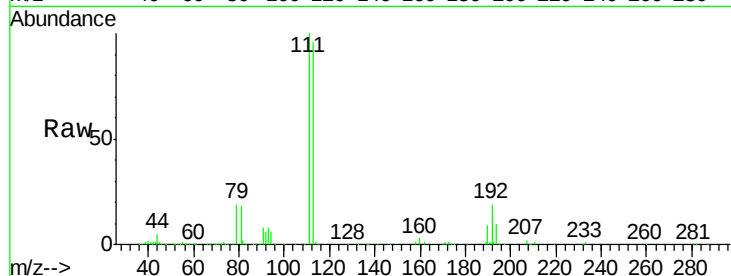




#35
 Dibromofluoromethane
 Concen: 59.182 ug/l
 RT: 4.31 min Scan# 384
 Delta R.T. 0.02 min
 Lab File: VF062263.D
 Acq: 23 Apr 2019 14:56

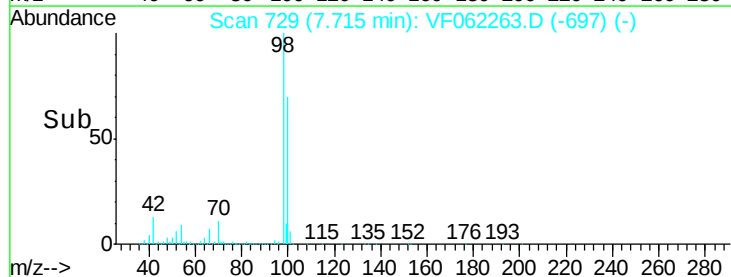
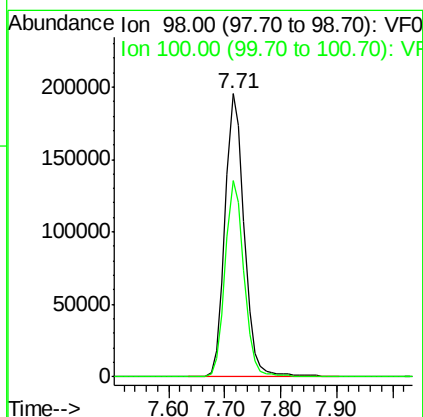
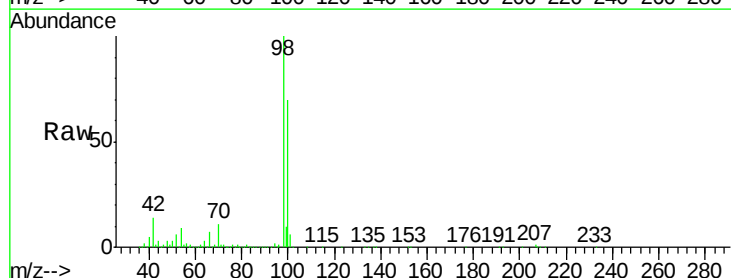
Instrument :
 MSVOA_F
 ClientSampleId :
 SA-06-041819-A

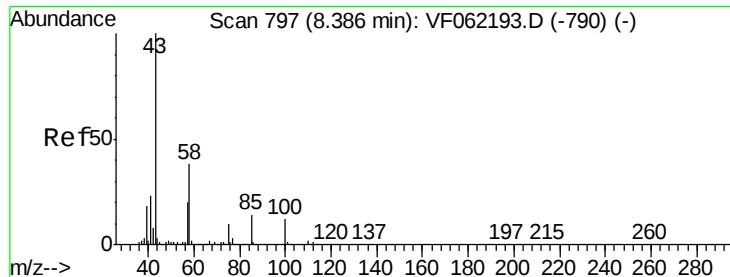
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.1	121.7
192	20.3	14.7	22.1



#50
 Toluene-d8
 Concen: 52.449 ug/l
 RT: 7.71 min Scan# 729
 Delta R.T. 0.02 min
 Lab File: VF062263.D
 Acq: 23 Apr 2019 14:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.5	56.2	84.2





#51

4-Methyl-2-Pentanone

Concen: 12.229 ug/l

RT: 8.40 min Scan# 799

Delta R.T. 0.02 min

Lab File: VF062263.D

Acq: 23 Apr 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

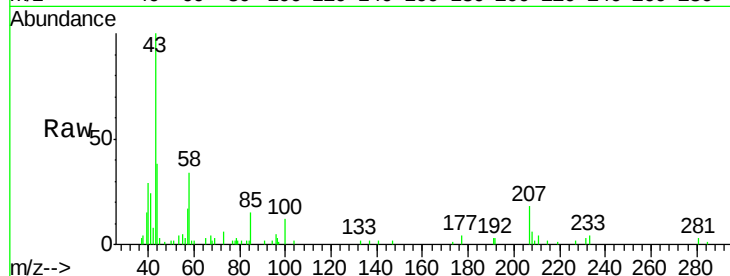
SA-06-041819-A

Tot Ion: 43 Resp: 21784

Ion Ratio Lower Upper

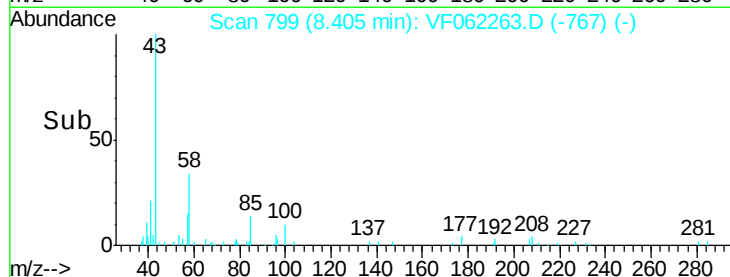
43 100

58 31.8 29.3 43.9

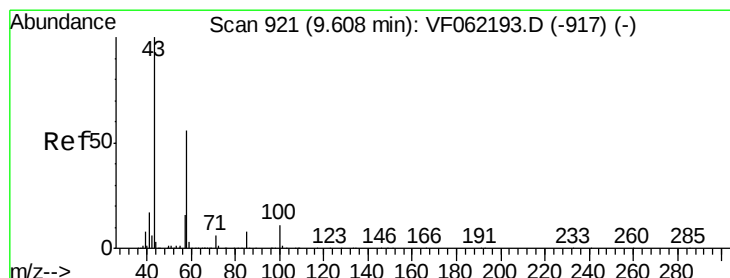


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->



#59

2-Hexanone

Concen: 21.637 ug/l

RT: 9.64 min Scan# 924

Delta R.T. 0.03 min

Lab File: VF062263.D

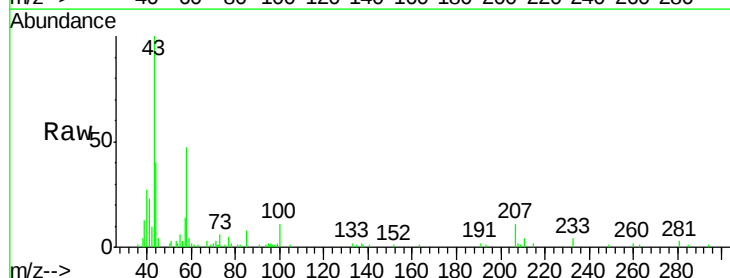
Acq: 23 Apr 2019 14:56

Tgt Ion: 43 Resp: 23897

Ion Ratio Lower Upper

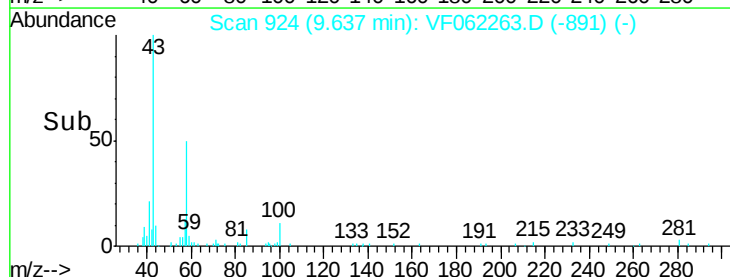
43 100

58 49.7 24.6 74.0

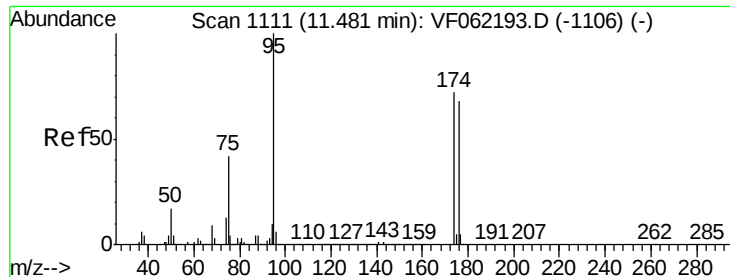


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->



#62

4-Bromofluorobenzene

Concen: 56.575 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062263.D

Acq: 23 Apr 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

SA-06-041819-A

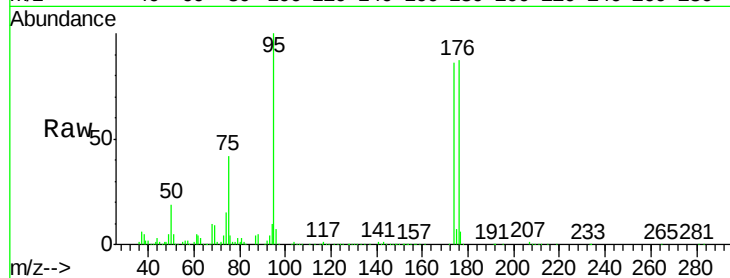
Tot Ion: 95 Resp: 193972

Ion Ratio Lower Upper

95 100

174 90.7 0.0 159.4

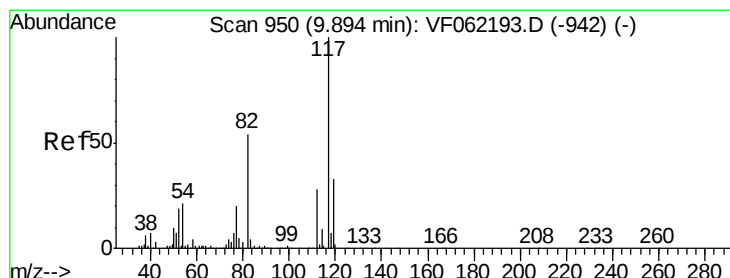
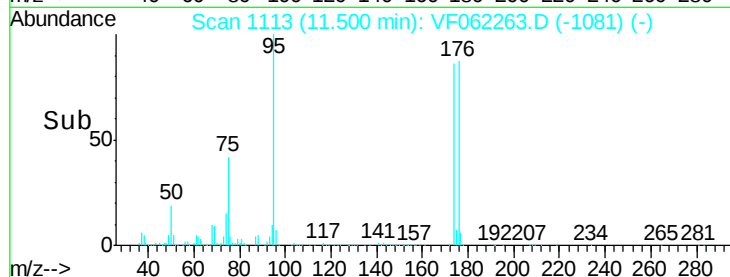
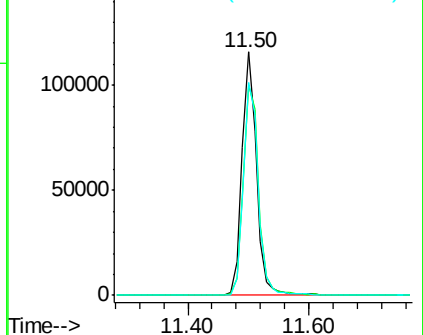
176 89.4 0.0 155.4



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: VF062263.D

Acq: 23 Apr 2019 14:56

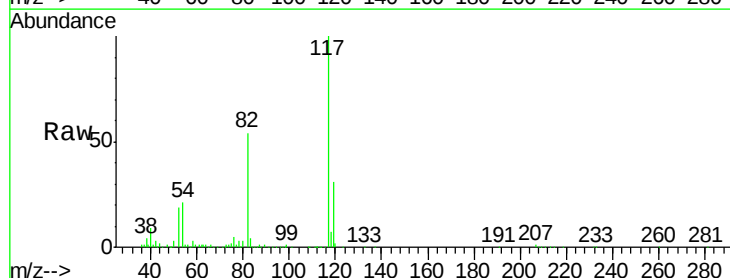
Tgt Ion: 117 Resp: 312855

Ion Ratio Lower Upper

117 100

82 53.6 43.2 64.8

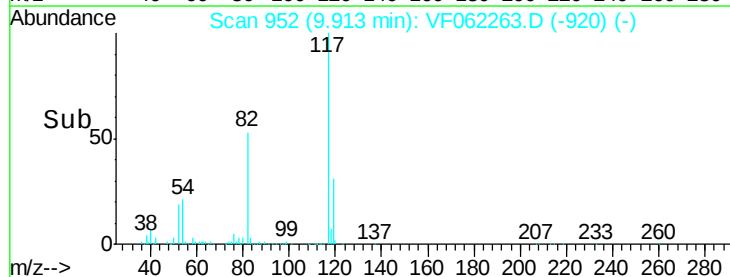
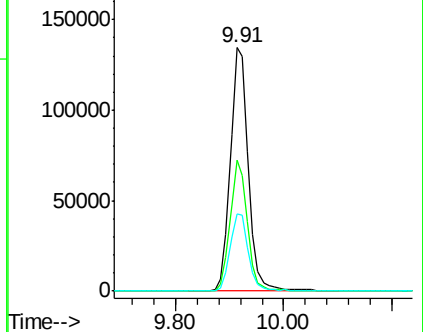
119 31.4 26.2 39.4

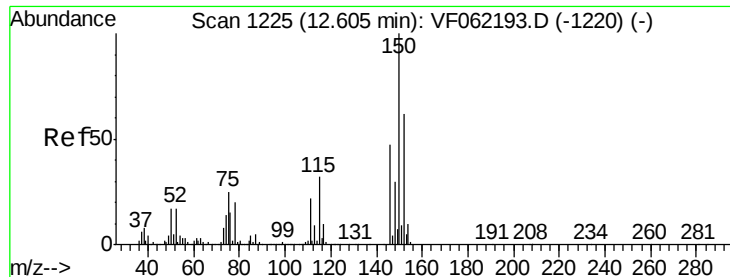


Abundance Ion 116.90 (116.60 to 117.60): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): VF0



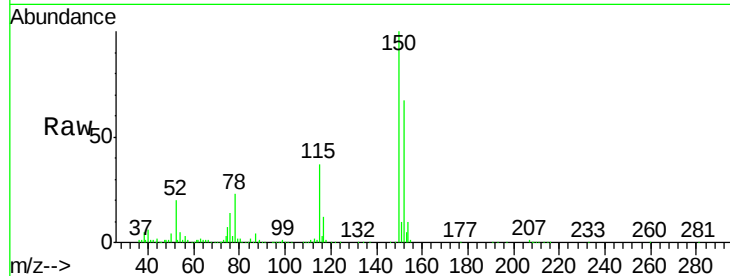


#72

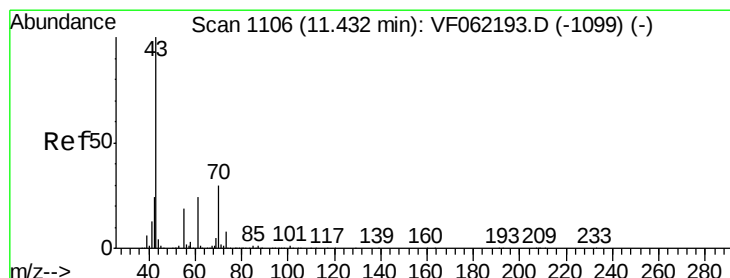
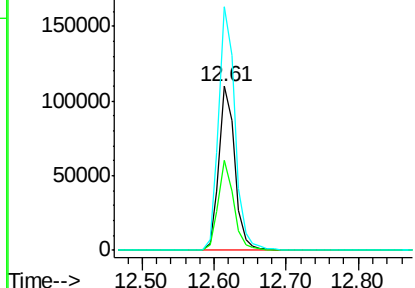
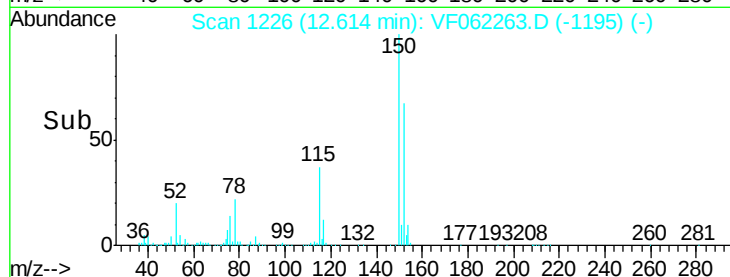
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Instrument :
MSVOA_F
ClientSampleId :
SA-06-041819-A

Tot Ion:152 Resp: 167333
Ion Ratio Lower Upper
152 100
115 53.4 27.8 83.3
150 152.2 0.0 341.8



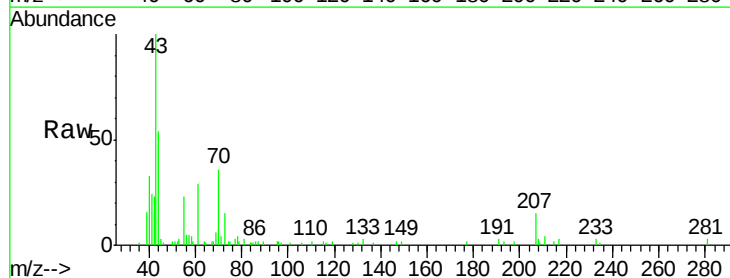
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



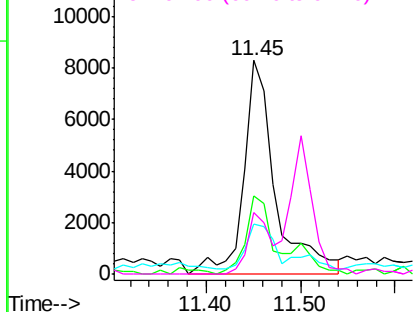
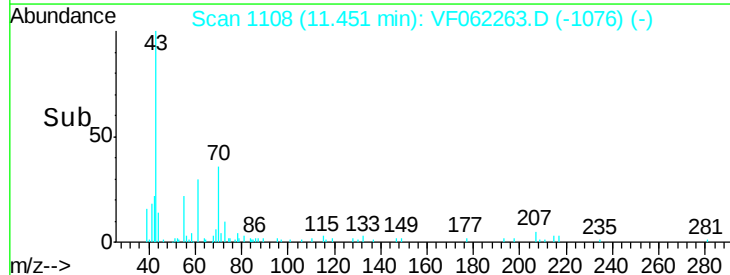
#74

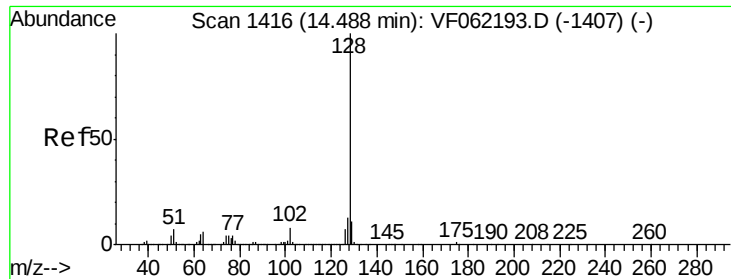
N-ethyl acetate
Concen: 3.604 ug/l
RT: 11.45 min Scan# 1108
Delta R.T. 0.02 min
Lab File: VF062263.D
Acq: 23 Apr 2019 14:56

Tgt Ion: 43 Resp: 19243
Ion Ratio Lower Upper
43 100
70 30.6 27.0 40.4
55 20.1 15.7 23.5
61 19.8 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 70.00 (69.70 to 70.70): VF0
Ion 55.00 (54.70 to 55.70): VF0
Ion 61.00 (60.70 to 61.70): VF0





#95

Naphthalene

Concen: 2.811 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VF062263.D

Acq: 23 Apr 2019 14:56

Instrument :

MSVOA_F

ClientSampleId :

SA-06-041819-A

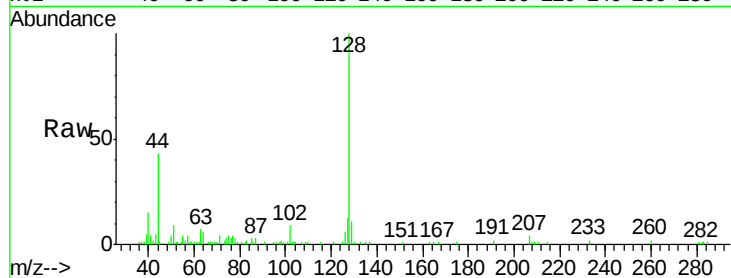
Tot Ion:128 Resp: 22686

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.5 9.2 13.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

