

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041819\
 Data File : VF062212.D
 Acq On : 18 Apr 2019 18:37
 Operator : FY/SY
 Sample : K2198-03
 Misc : 6.92g/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OK-02-041619

Quant Time: Apr 19 02:36:00 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

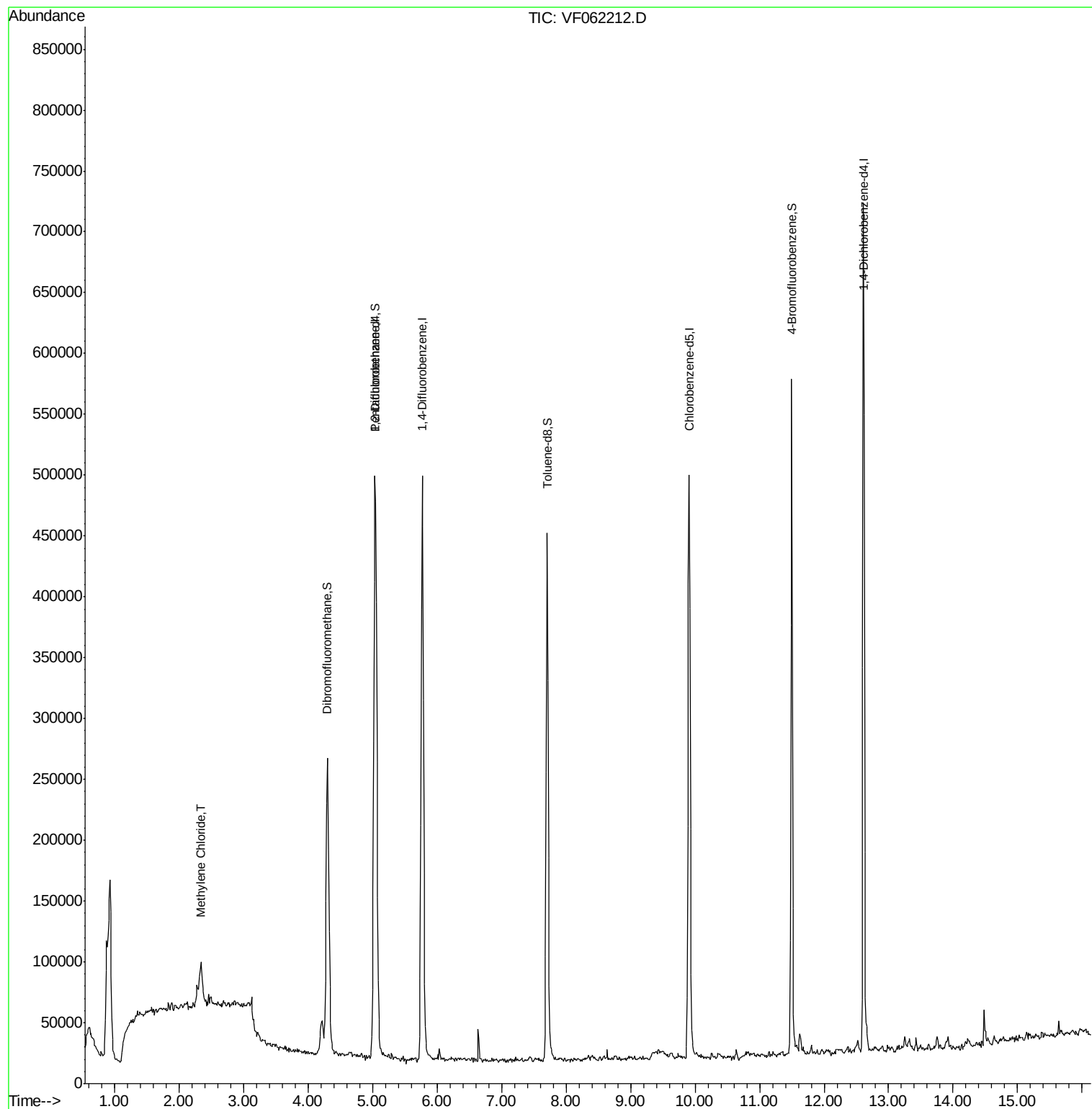
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	395926	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.77	114	574793	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	367778	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.61	152	187795	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	188721	51.98	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	4.30	113	243685	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	7.71	98	398542	31.31	ug/l	0.01
Spiked Amount 50.000			Recovery	=	62.62%	
62) 4-Bromofluorobenzene	11.50	95	201082	41.07	ug/l	0.01
Spiked Amount 50.000			Recovery	=	82.14%	
Target Compounds						
20) Methylene Chloride	2.34	84	35180	2.278	ug/l	Qvalue 96

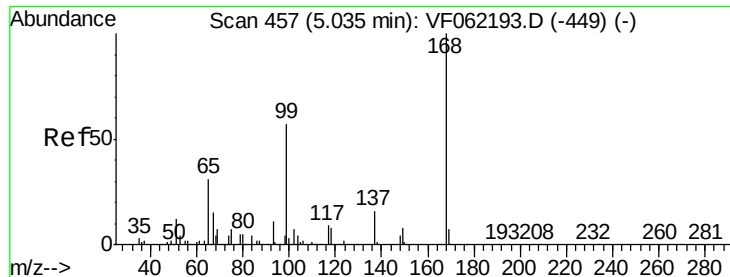
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF062212.D

Acq: 18 Apr 2019 18:37

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MSVOA_F

ClientSampleId :

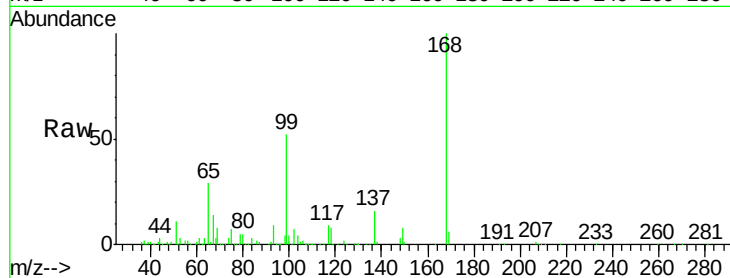
OK-02-041619

Tot Ion:168 Resp: 395926

Ion Ratio Lower Upper

168 100

99 52.3 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.05

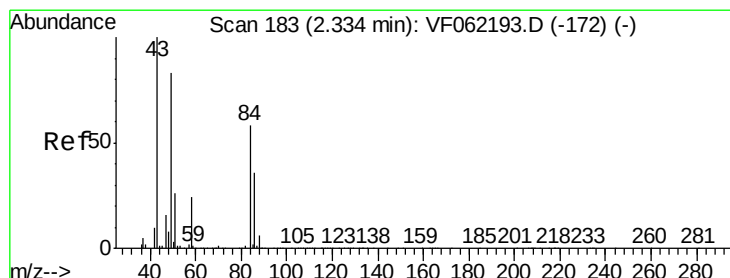
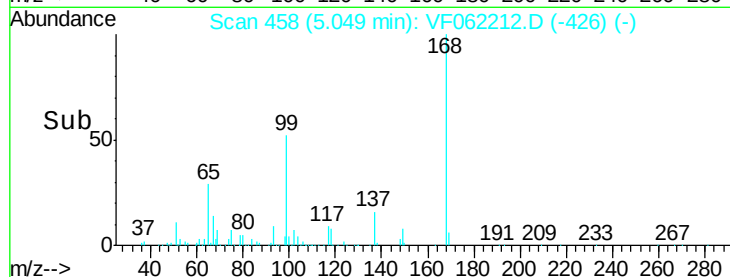
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.278 ug/l

RT: 2.34 min Scan# 183

Delta R.T. 0.01 min

Lab File: VF062212.D

Acq: 18 Apr 2019 18:37

Tgt Ion: 84 Resp: 35180

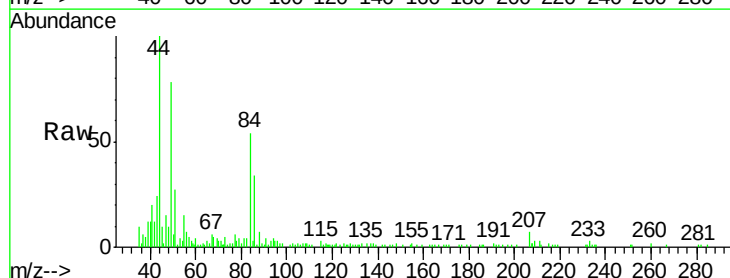
Ion Ratio Lower Upper

84 100

49 147.8 114.0 171.0

51 42.2 37.0 55.4

86 61.8 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

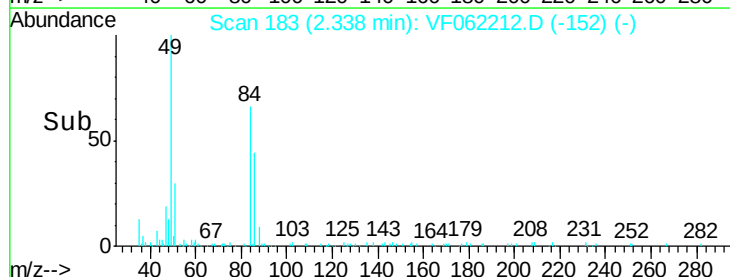
15000

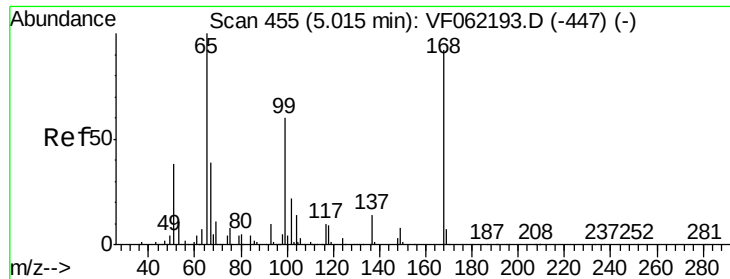
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.983 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF062212.D

Acq: 18 Apr 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

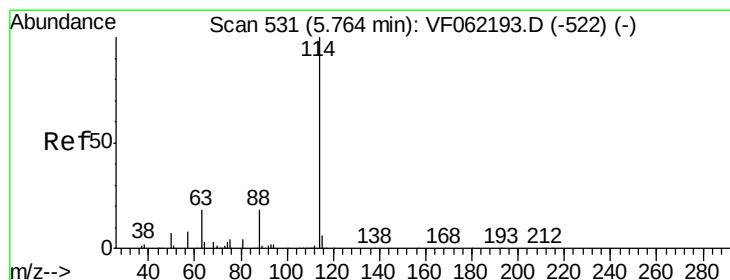
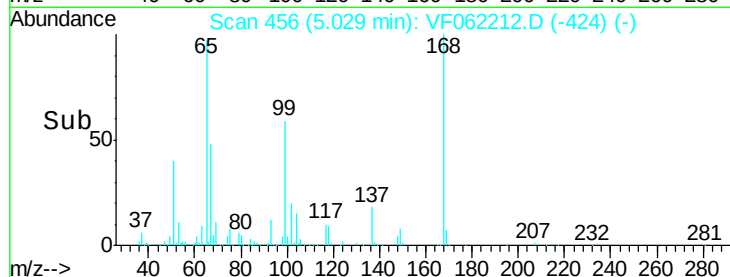
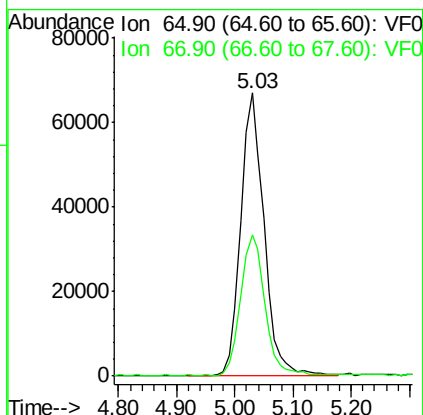
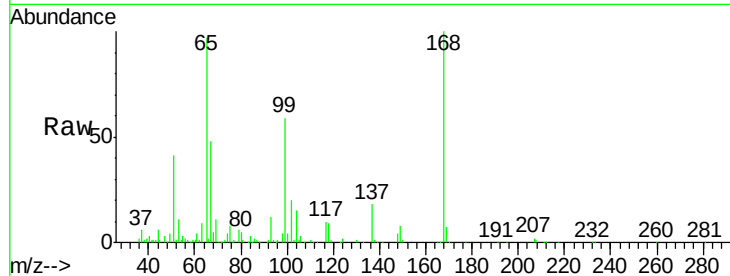
OK-02-041619

Tot Ion: 65 Resp: 188721

Ion Ratio Lower Upper

65 100

67 51.7 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.00 min

Lab File: VF062212.D

Acq: 18 Apr 2019 18:37

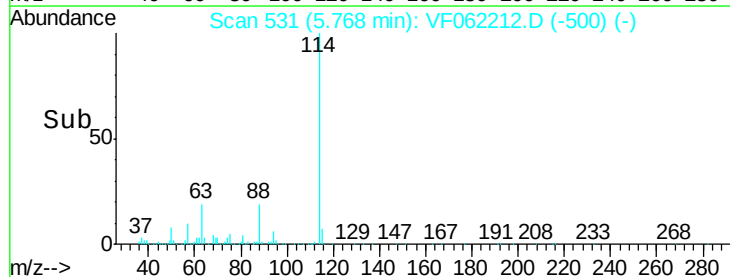
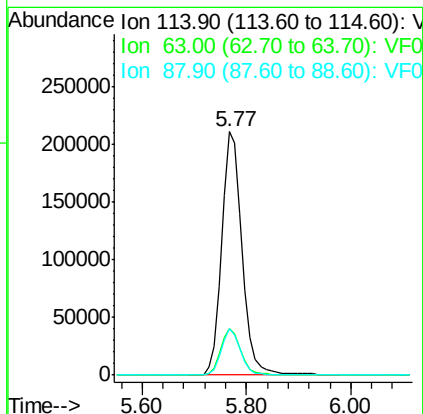
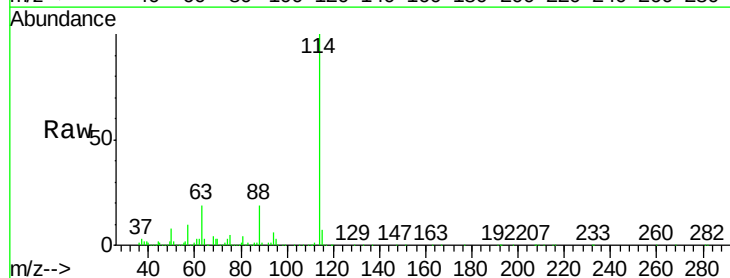
Tgt Ion: 114 Resp: 574793

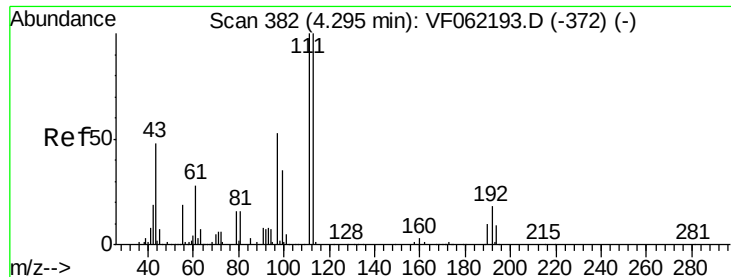
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.6

88 19.1 0.0 35.8

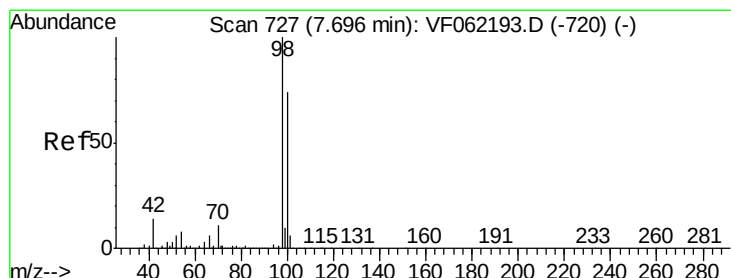
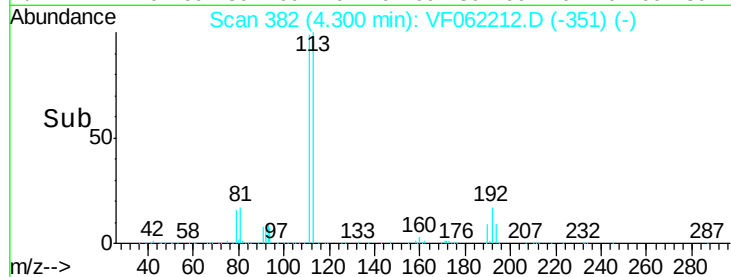
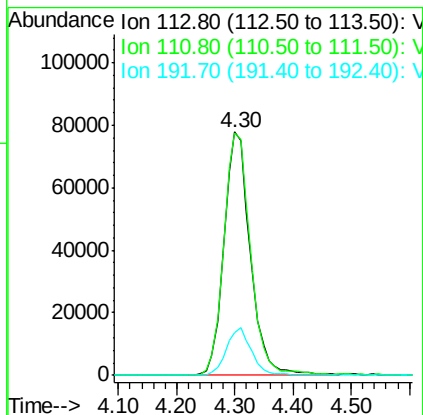
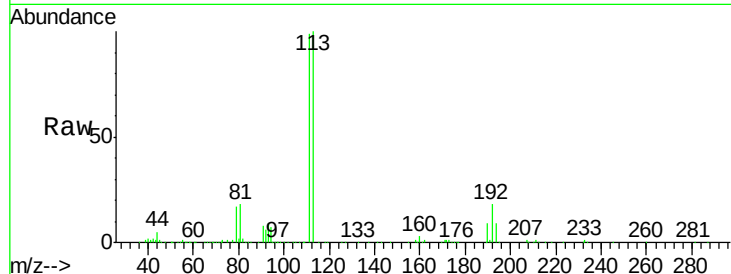




#35
 Dibromofluoromethane
 Concen: 48.466 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VF062212.D
 Acq: 18 Apr 2019 18:37

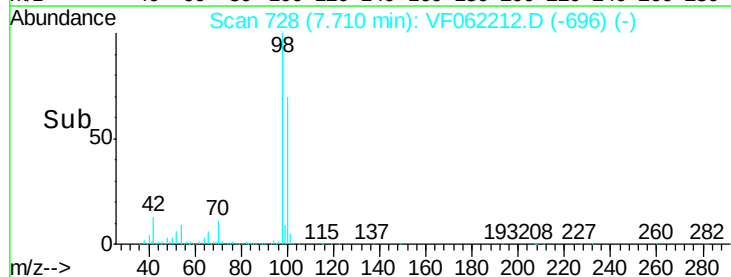
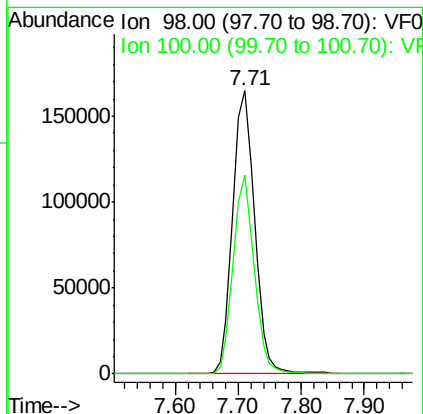
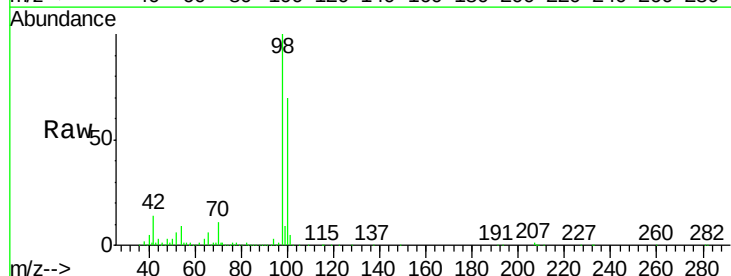
Instrument :
 MSVOA_F
 ClientSampleId :
 OK-02-041619

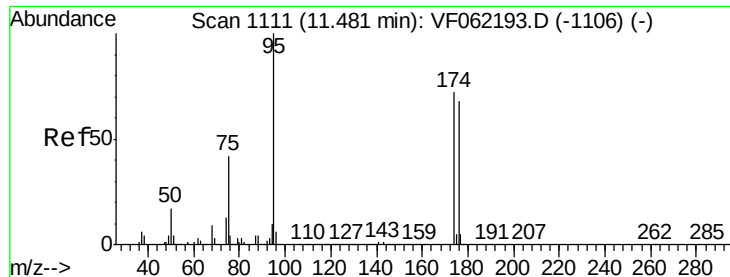
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.1	121.7
192	18.5	14.7	22.1



#50
 Toluene-d8
 Concen: 31.314 ug/l
 RT: 7.71 min Scan# 728
 Delta R.T. 0.01 min
 Lab File: VF062212.D
 Acq: 18 Apr 2019 18:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	56.2	84.2





#62

4-Bromofluorobenzene

Concen: 41.069 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF062212.D

Acq: 18 Apr 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

OK-02-041619

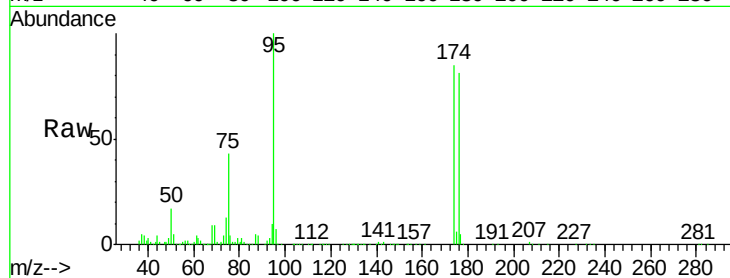
Tot Ion: 95 Resp: 201082

Ion Ratio Lower Upper

95 100

174 84.8 0.0 159.4

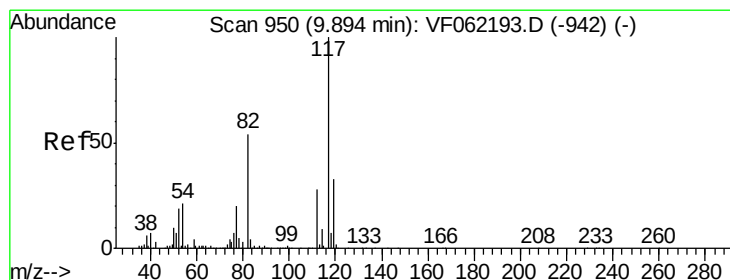
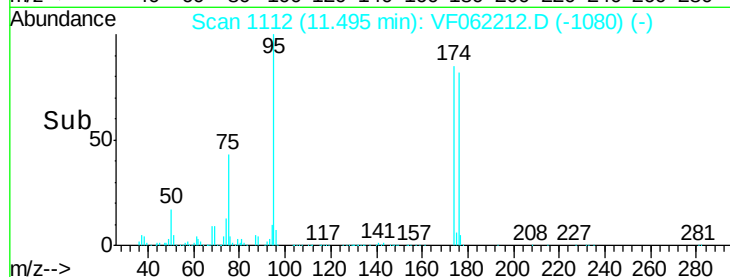
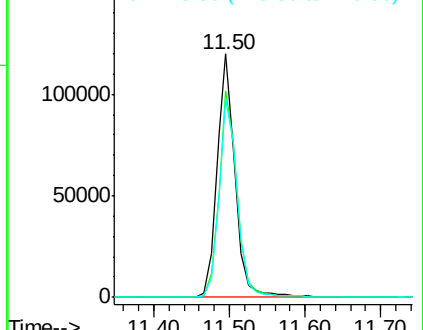
176 82.7 0.0 155.4



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# 951

Delta R.T. 0.01 min

Lab File: VF062212.D

Acq: 18 Apr 2019 18:37

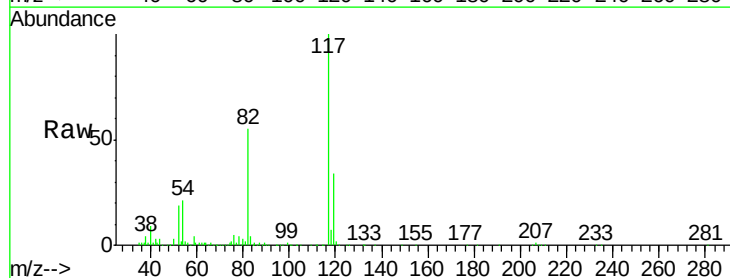
Tgt Ion: 117 Resp: 367778

Ion Ratio Lower Upper

117 100

82 55.0 43.2 64.8

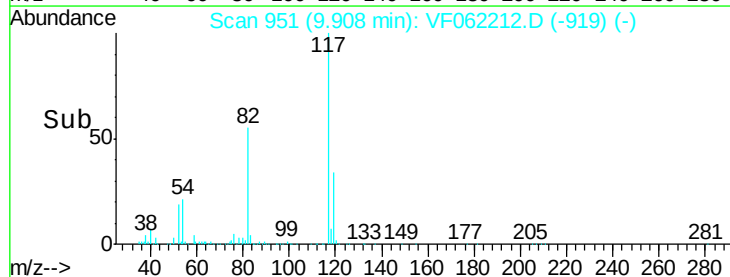
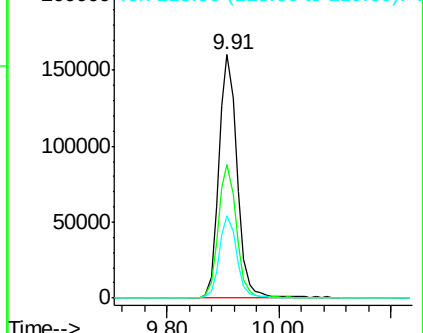
119 33.9 26.2 39.4

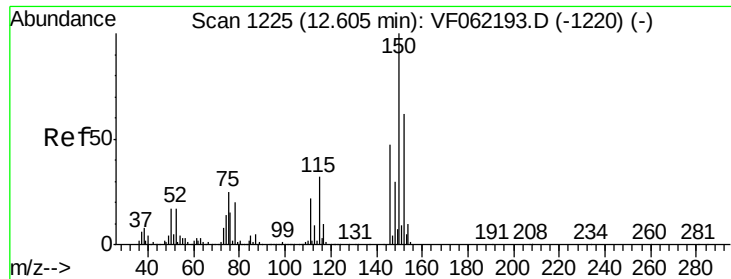


Abundance Ion 116.90 (116.60 to 117.60): VF0

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# 1225

Delta R.T. 0.00 min

Lab File: VF062212.D

Acq: 18 Apr 2019 18:37

Instrument :

MSVOA_F

ClientSampleId :

OK-02-041619

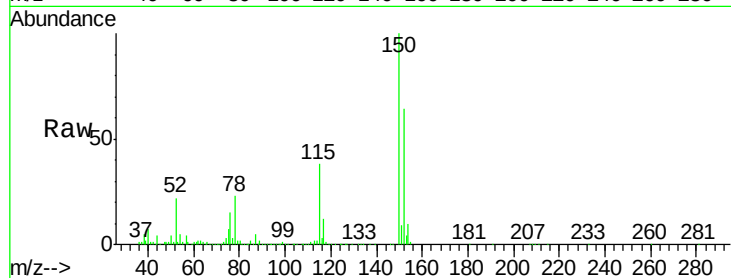
Tot Ion:152 Resp: 187795

Ion Ratio Lower Upper

152 100

115 57.1 27.8 83.3

150 155.7 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

