

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF052019\
 Data File : VF062665.D
 Acq On : 20 May 2019 17:21
 Operator : FY/SY
 Sample : K2894-15
 Misc : 5.09g/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-03-5-6

Quant Time: May 20 17:44:23 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	755841	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.80	114	1193716	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.93	117	665150	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	220513	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	172940	32.38	ug/l	0.01
Spiked Amount 50.000			Recovery	=	64.76%	
35) Dibromofluoromethane	4.33	113	336815	36.87	ug/l	0.01
Spiked Amount 50.000			Recovery	=	73.74%	
50) Toluene-d8	7.73	98	652134	29.90	ug/l	0.01
Spiked Amount 50.000			Recovery	=	59.80%	
62) 4-Bromofluorobenzene	11.51	95	167821	20.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.58%	

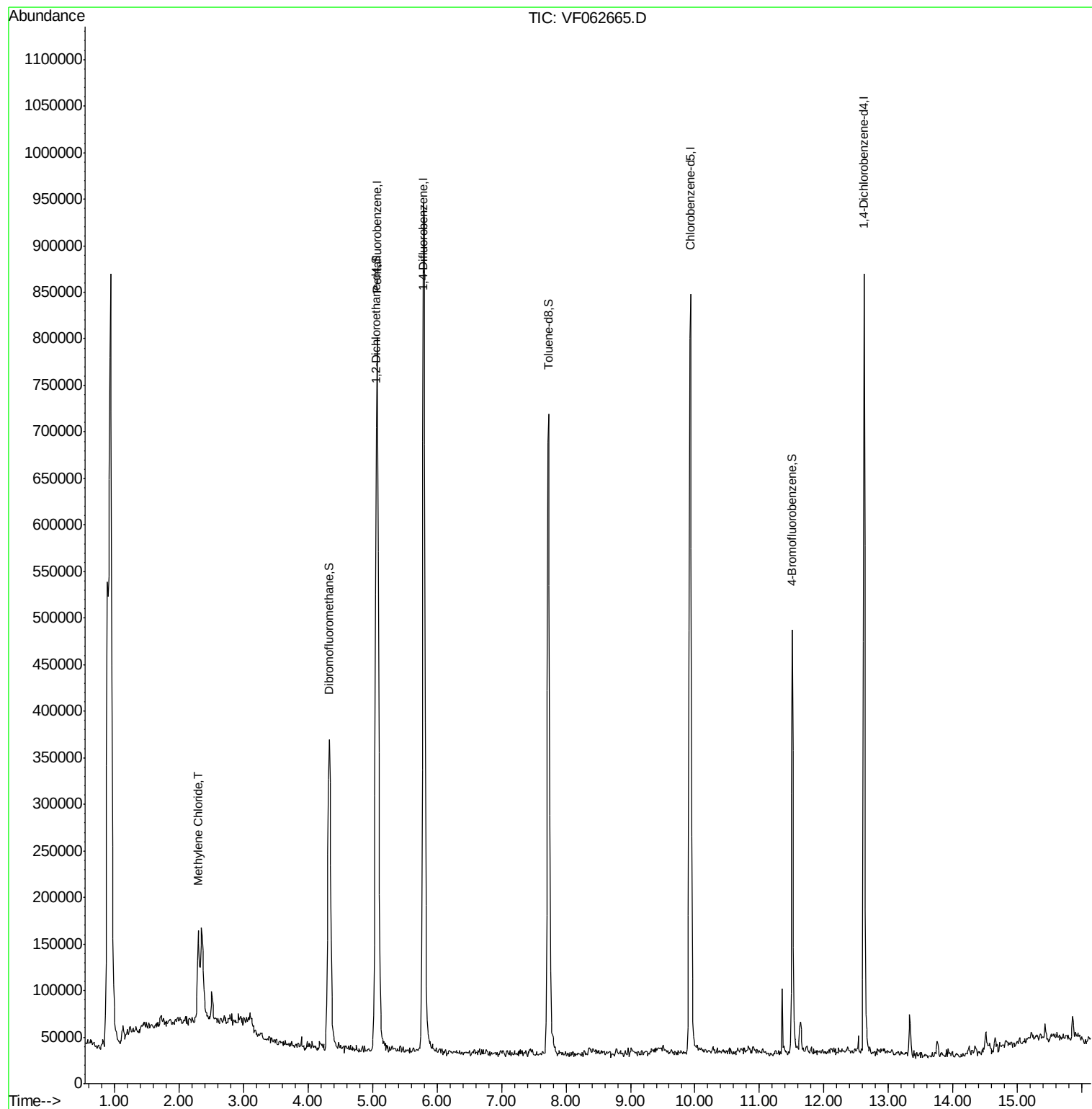
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.30	84	142683m	20.543	ug/l	

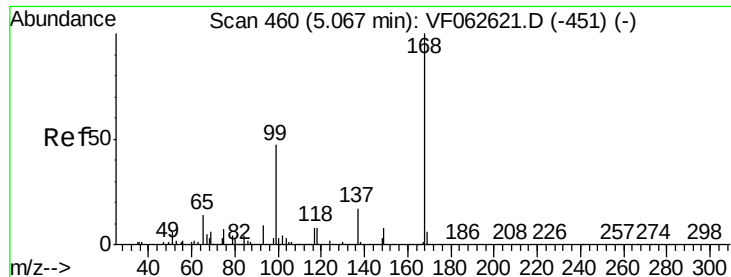
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.01 min

Lab File: VF062665.D

Acq: 20 May 2019 17:21

Instrument :

MSVOA_F

ClientSampleId :

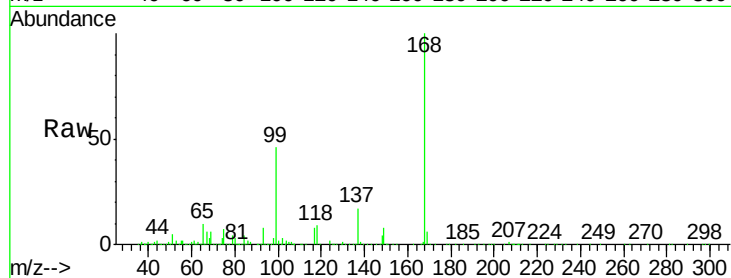
SB-03-5-6

Tot Ion:168 Resp: 755841

Ion Ratio Lower Upper

168 100

99 45.8 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

250000

200000

150000

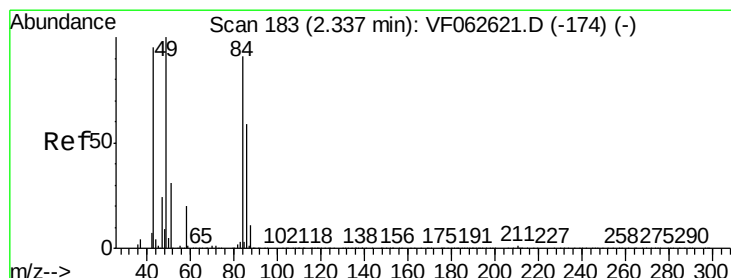
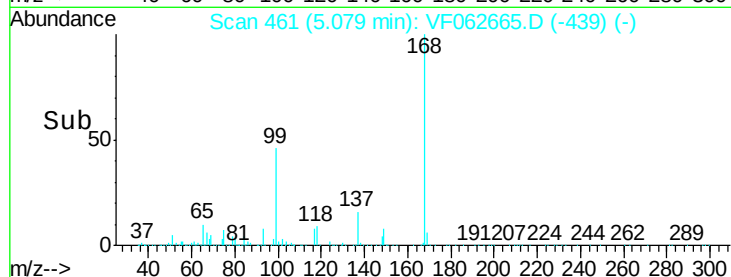
100000

50000

0

4.90 5.00 5.10 5.20 5.30

Time-->



#20

Methylene Chloride

Concen: 20.543 ug/l m

RT: 2.30 min Scan# 179

Delta R.T. -0.04 min

Lab File: VF062665.D

Acq: 20 May 2019 17:21

Tgt Ion: 84 Resp: 142683

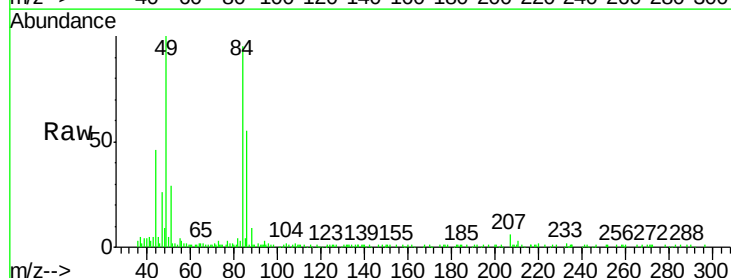
Ion Ratio Lower Upper

84 100

49 104.9 89.8 134.8

51 30.3 28.4 42.6

86 57.6 52.6 79.0



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

40000

30000

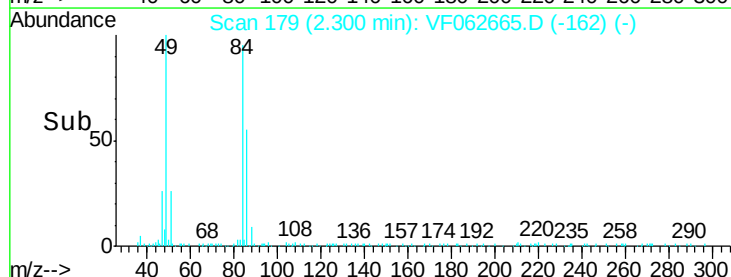
20000

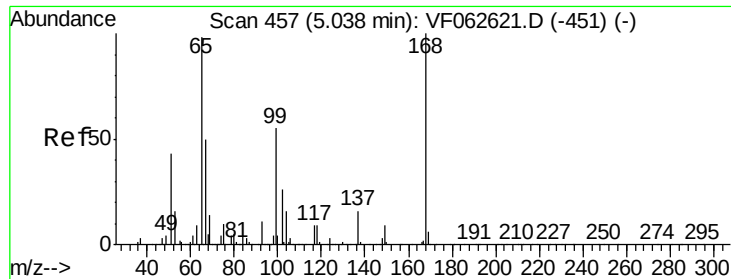
10000

0

2.20 2.30 2.40 2.50

Time-->

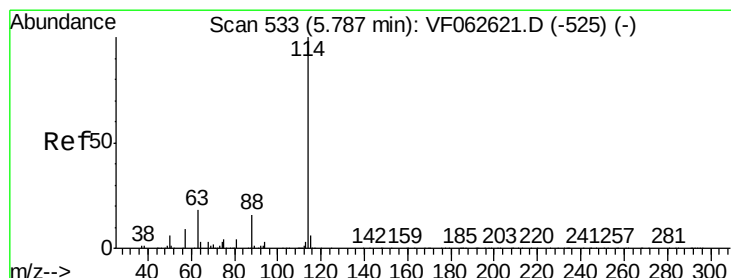
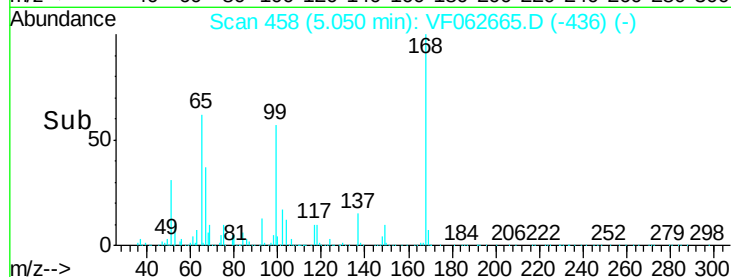
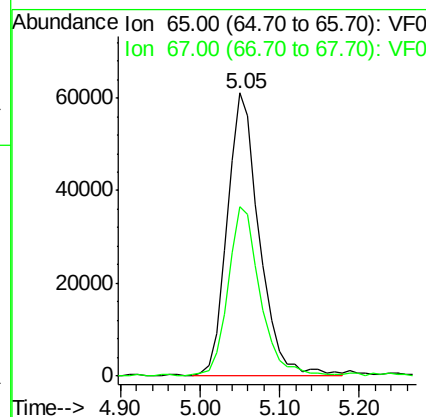
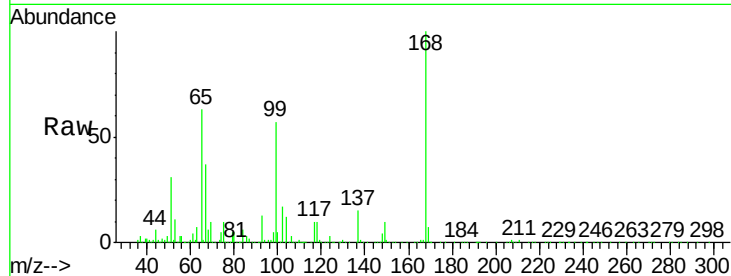




#33
 1,2-Dichloroethane-d4
 Concen: 32.379 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. 0.01 min
 Lab File: VF062665.D
 Acq: 20 May 2019 17:21

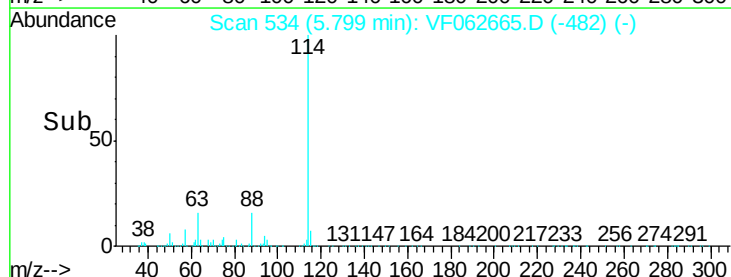
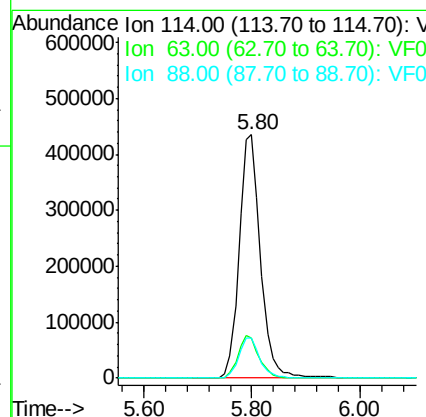
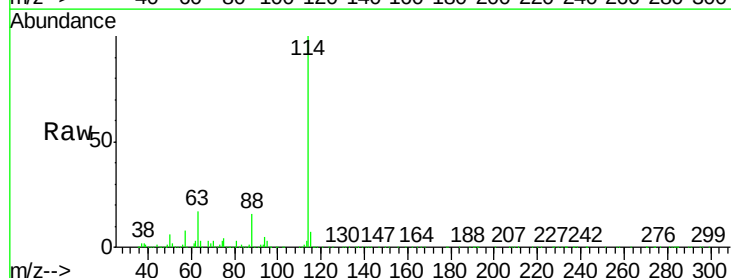
Instrument :
 MSVOA_F
 ClientSampleId :
 SB-03-5-6

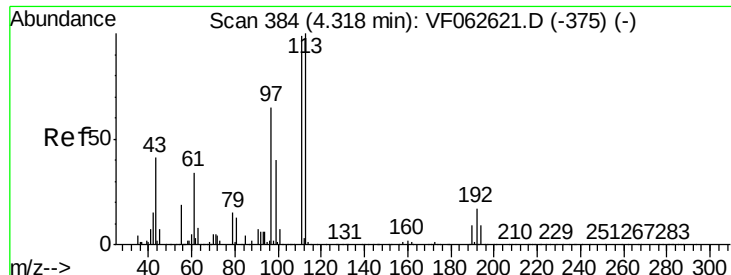
Tot Ion: 65 Resp: 172940
 Ion Ratio Lower Upper
 65 100
 67 59.8 0.0 117.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. 0.01 min
 Lab File: VF062665.D
 Acq: 20 May 2019 17:21

Tgt Ion: 114 Resp: 1193716
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 35.4
 88 16.5 0.0 32.4

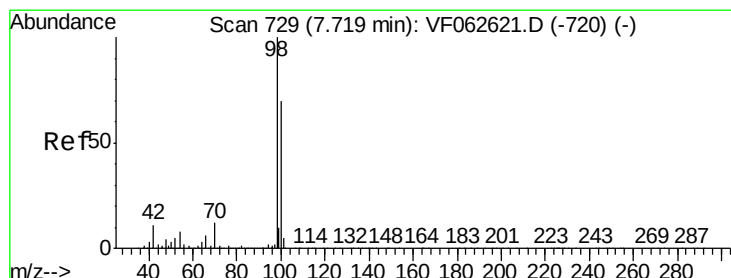
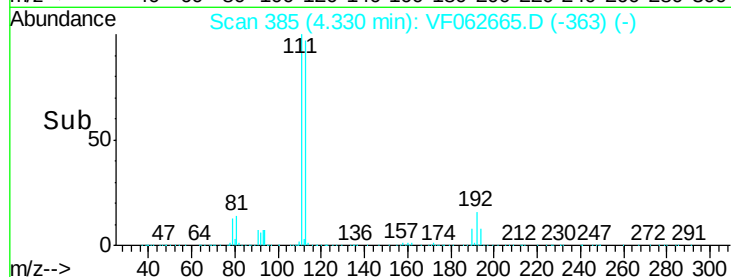
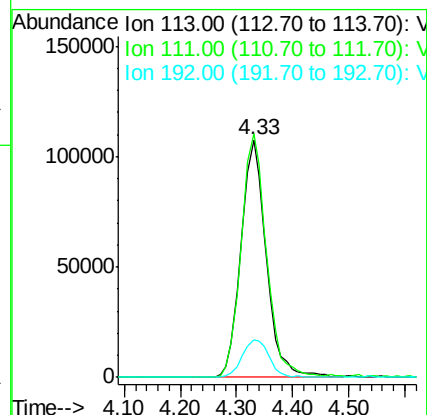
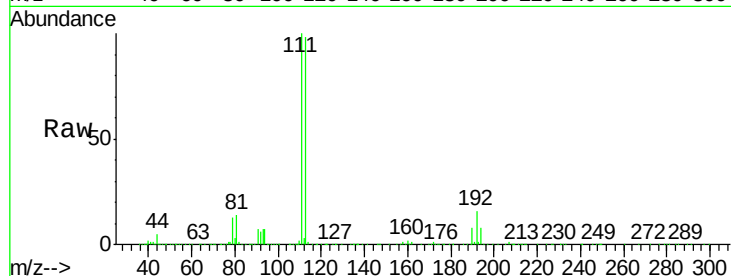




#35
Dibromofluoromethane
Concen: 36.873 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.01 min
Lab File: VF062665.D
Acq: 20 May 2019 17:21

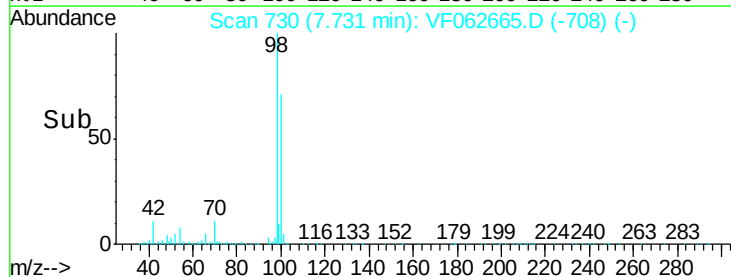
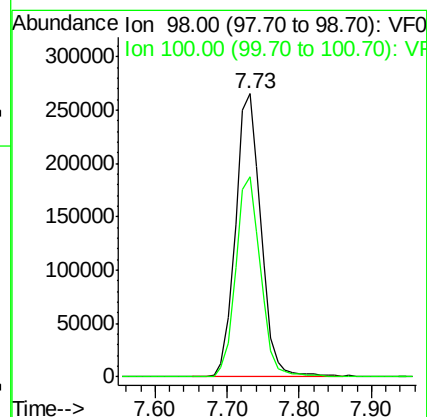
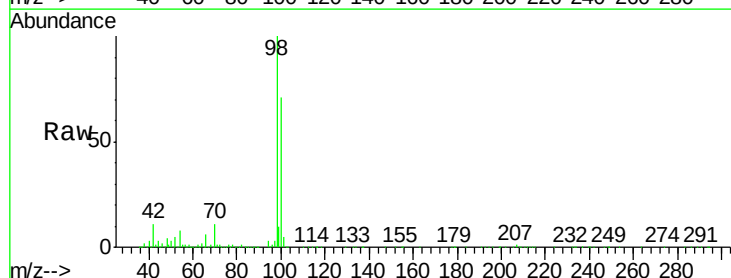
Instrument :
MSVOA_F
ClientSampleId :
SB-03-5-6

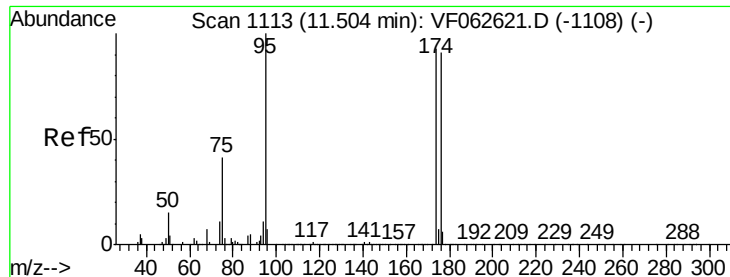
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	79.4	119.2
192	16.0	13.4	20.2



#50
Toluene-d8
Concen: 29.902 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.01 min
Lab File: VF062665.D
Acq: 20 May 2019 17:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.9	56.2	84.2





#62

4-Bromofluorobenzene

Concen: 20.289 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF062665.D

Acq: 20 May 2019 17:21

Instrument :

MSVOA_F

ClientSampled :

SB-03-5-6

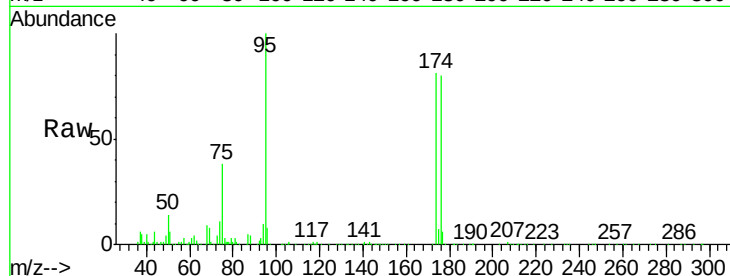
Tot Ion: 95 Resp: 167821

Ion Ratio Lower Upper

95 100

174 80.5 0.0 185.6

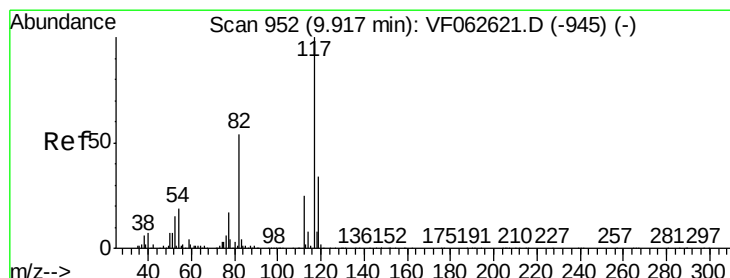
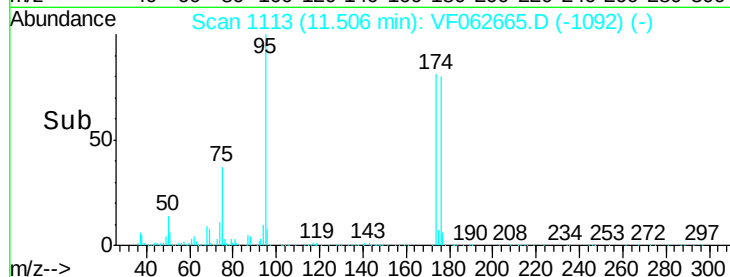
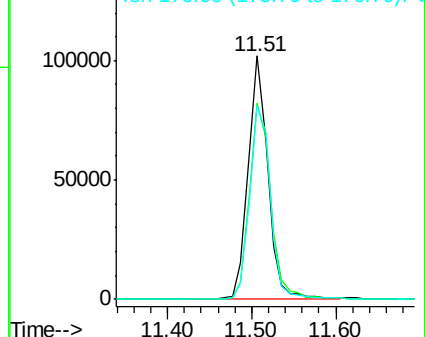
176 79.6 0.0 182.4



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. 0.01 min

Lab File: VF062665.D

Acq: 20 May 2019 17:21

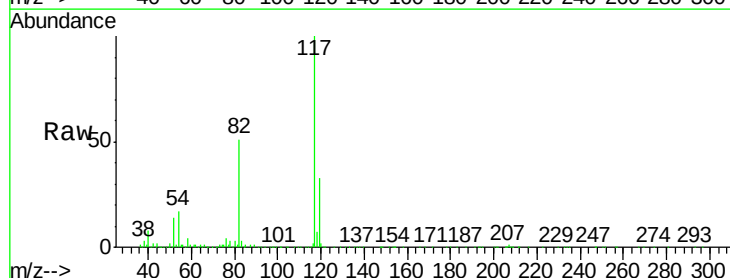
Tgt Ion: 117 Resp: 665150

Ion Ratio Lower Upper

117 100

82 50.8 43.3 64.9

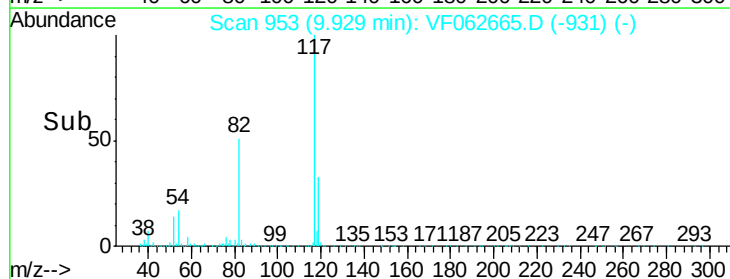
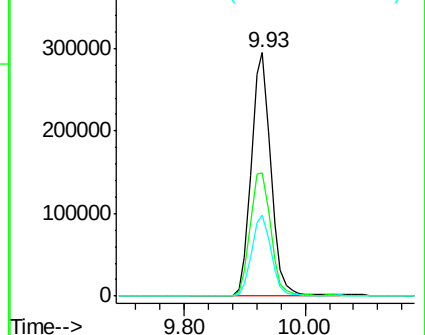
119 33.3 27.4 41.0

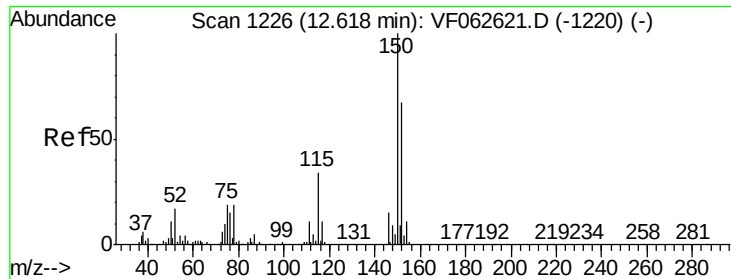


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. 0.00 min

Lab File: VF062665.D

Acq: 20 May 2019 17:21

Instrument :

MSVOA_F

ClientSampleId :

SB-03-5-6

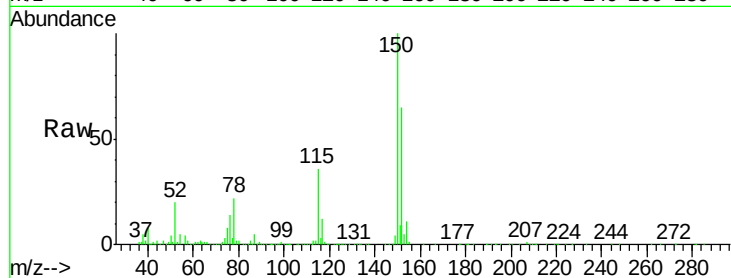
Tot Ion:152 Resp: 220513

Ion Ratio Lower Upper

152 100

115 55.5 25.2 75.6

150 154.0 0.0 306.2



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

