

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031119\
 Data File : VF061900.D
 Acq On : 11 Mar 2019 20:19
 Operator : VA/AP
 Sample : K1846-03
 Misc : 6.44g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2

Quant Time: Mar 12 06:32:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

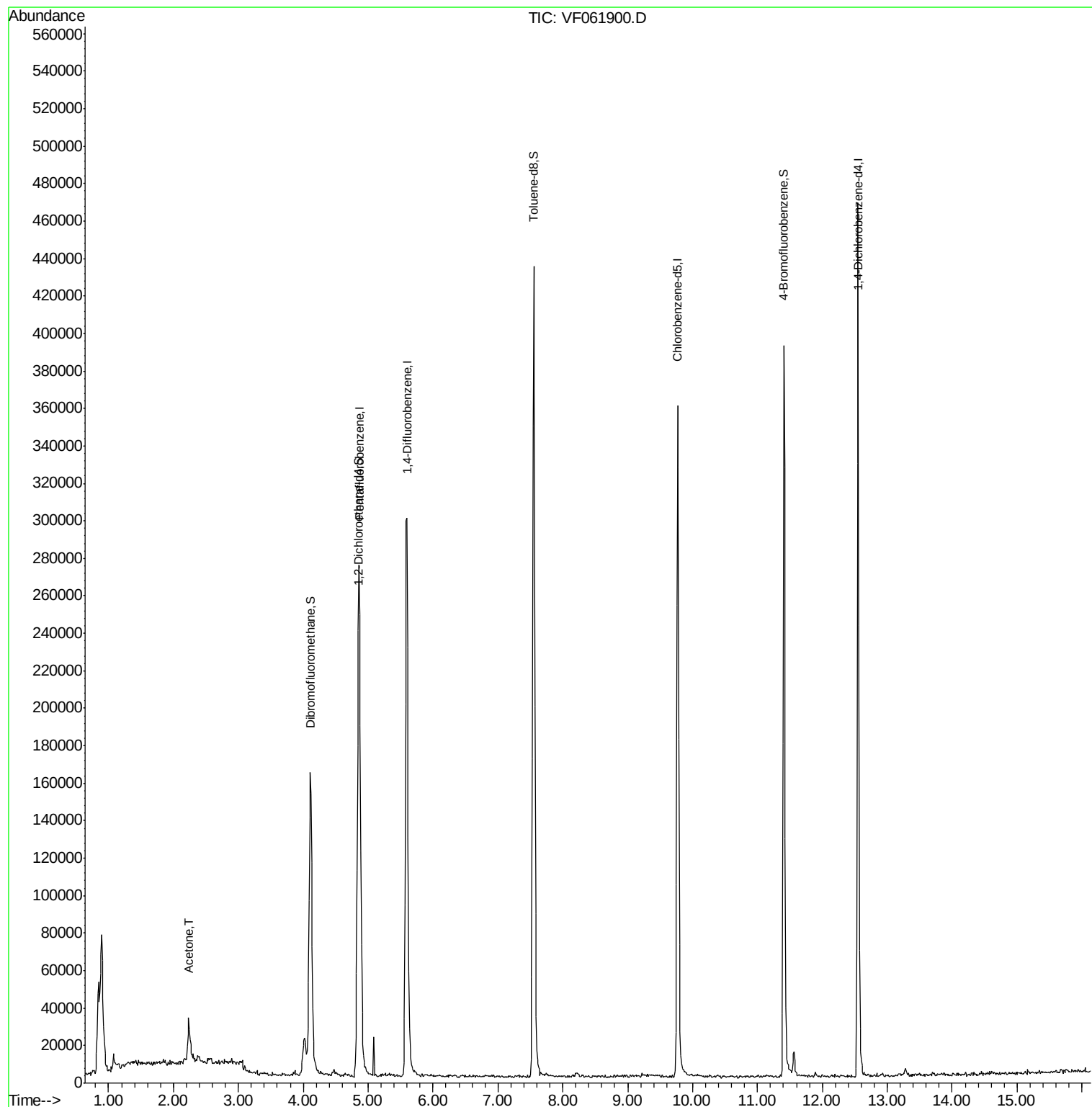
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	233937	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.60	114	380050	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	288529	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	132614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	109486	64.27	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	128.54%	
35) Dibromofluoromethane	4.11	113	162645	61.32	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	122.64%	
50) Toluene-d8	7.55	98	389366	49.39	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.78%	
62) 4-Bromofluorobenzene	11.41	95	145982	47.27	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	94.54%	
Target Compounds						
16) Acetone	2.24	43	38998	109.280	ug/l	Qvalue 97

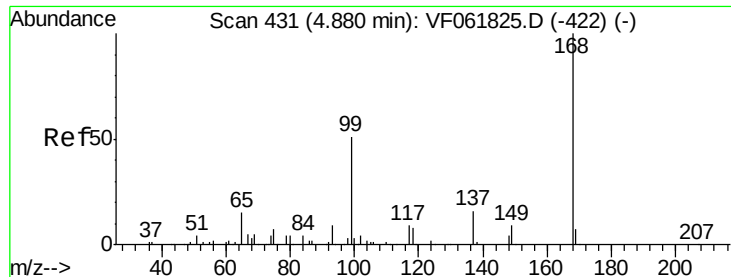
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061900.D

Acq: 11 Mar 2019 20:19

Instrument :

MSVOA_F

ClientSampleId :

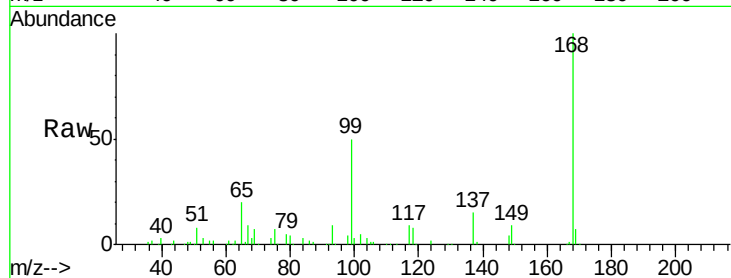
TP-2

Tot Ion:168 Resp: 233937

Ion Ratio Lower Upper

168 100

99 50.0 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

80000

60000

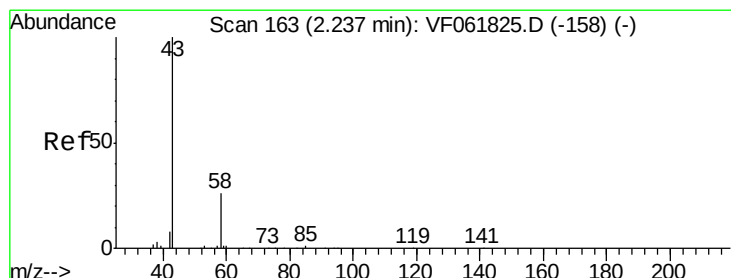
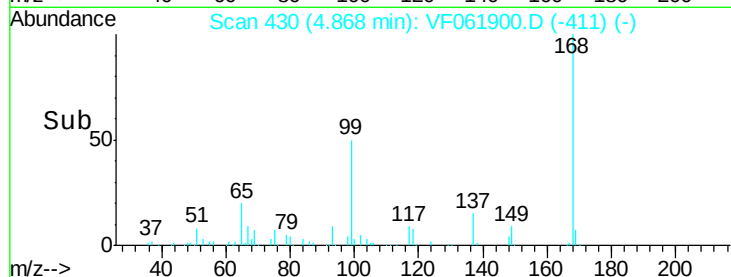
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 109.280 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.00 min

Lab File: VF061900.D

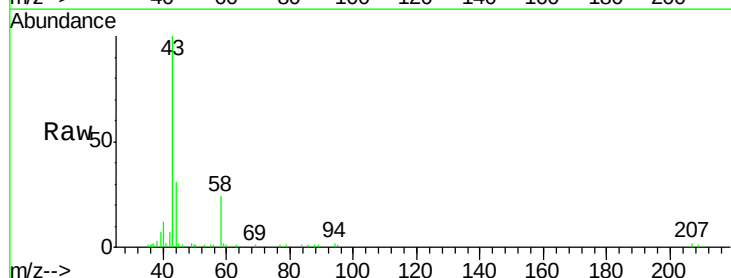
Acq: 11 Mar 2019 20:19

Tgt Ion: 43 Resp: 38998

Ion Ratio Lower Upper

43 100

58 24.1 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

15000

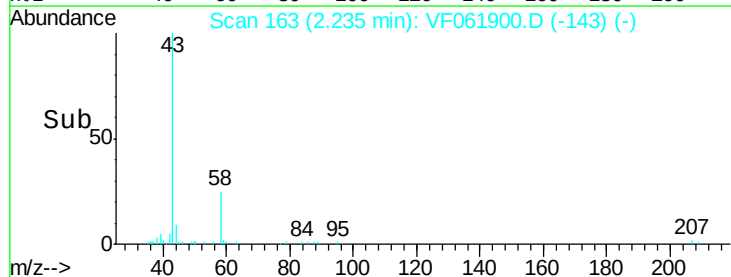
10000

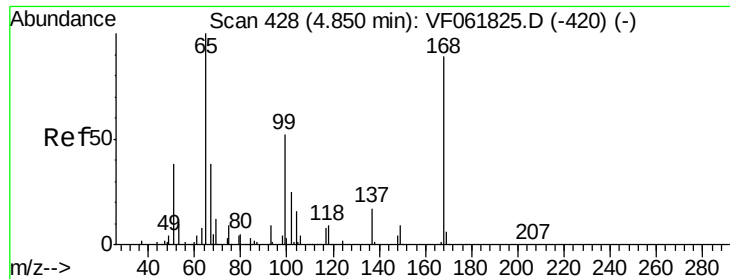
5000

0

Time-->

2.15 2.20 2.25 2.30 2.35

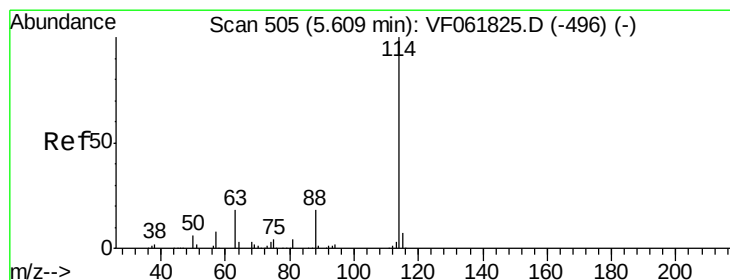
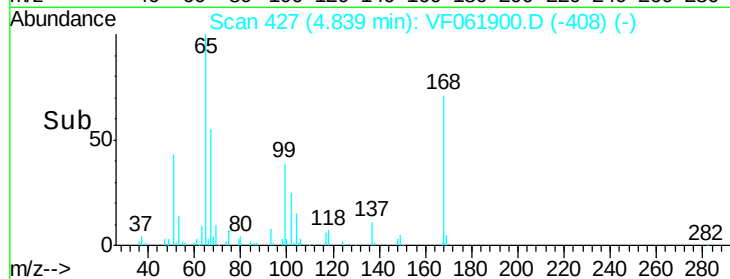
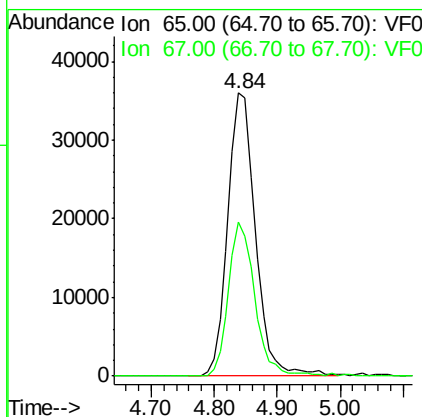
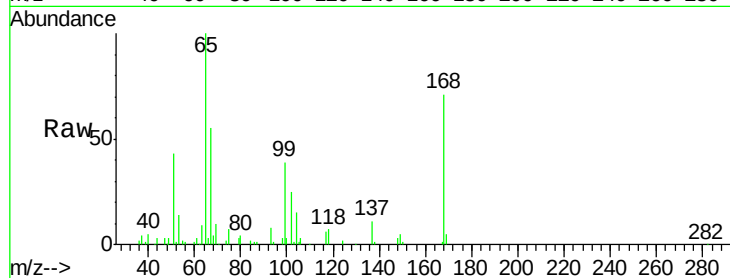




#33
 1,2-Dichloroethane-d4
 Concen: 64.266 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: VF061900.D
 Acq: 11 Mar 2019 20:19

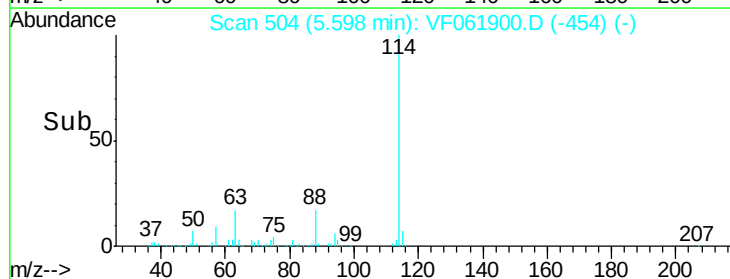
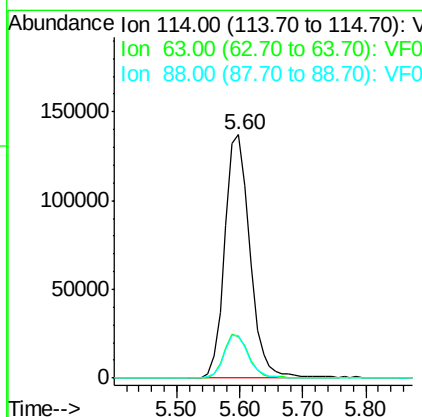
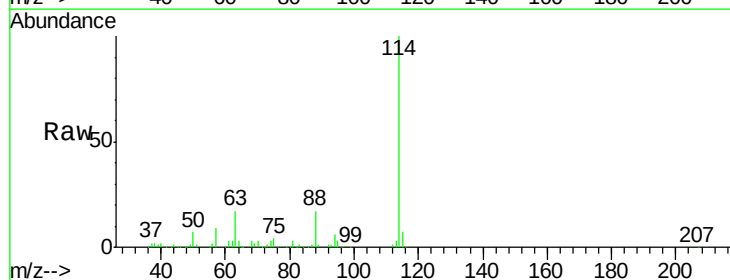
Instrument :
 MSVOA_F
 ClientSampled :
 TP-2

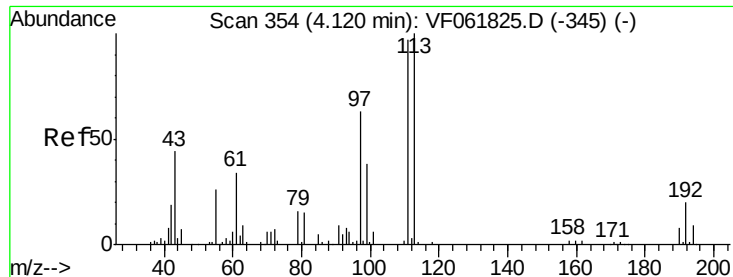
Tot Ion: 65 Resp: 109486
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: VF061900.D
 Acq: 11 Mar 2019 20:19

Tgt Ion: 114 Resp: 380050
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.6
 88 17.4 0.0 35.6

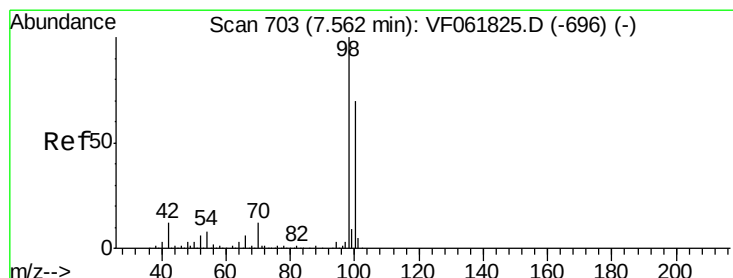
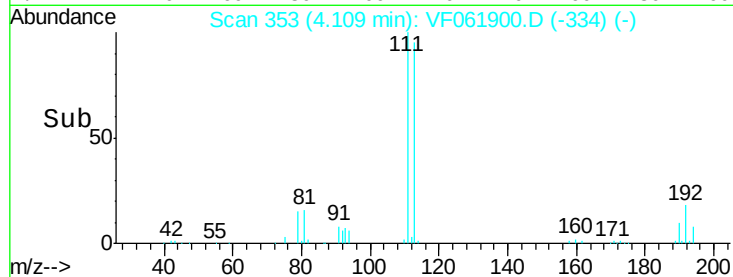
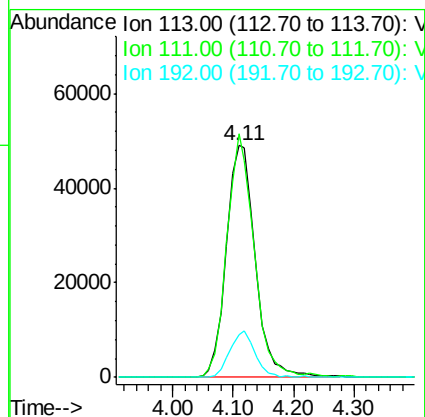
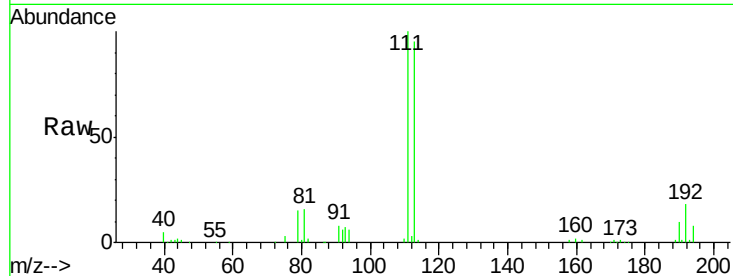




#35
 Dibromofluoromethane
 Concen: 61.323 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VF061900.D
 Acq: 11 Mar 2019 20:19

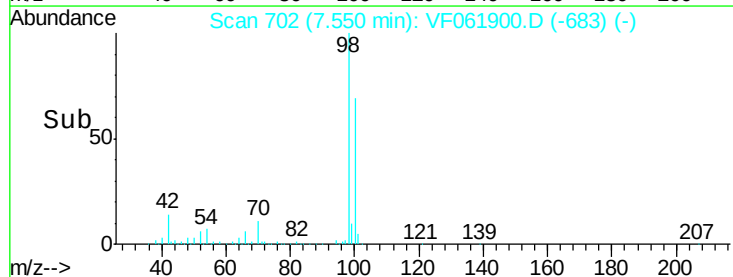
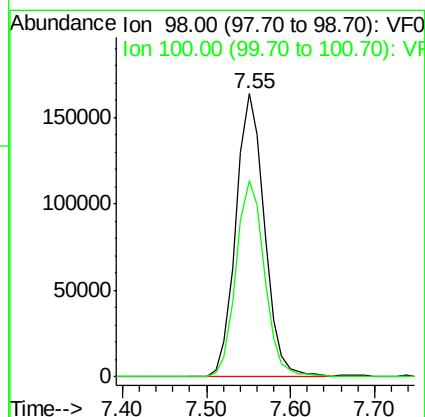
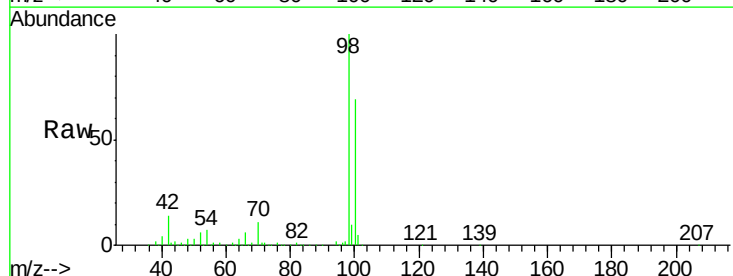
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2

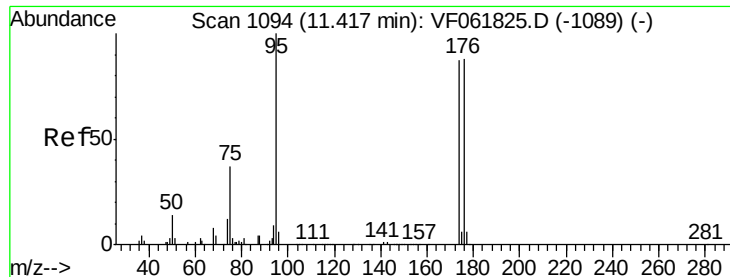
Tot Ion:113 Resp: 162645
 Ion Ratio Lower Upper
 113 100
 111 105.1 77.6 116.4
 192 18.6 15.9 23.9



#50
 Toluene-d8
 Concen: 49.391 ug/l
 RT: 7.55 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VF061900.D
 Acq: 11 Mar 2019 20:19

Tgt Ion: 98 Resp: 389366
 Ion Ratio Lower Upper
 98 100
 100 69.4 56.0 84.0





#62

4-Bromofluorobenzene

Concen: 47.273 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061900.D

Acq: 11 Mar 2019 20:19

Instrument :

MSVOA_F

ClientSampleId :

TP-2

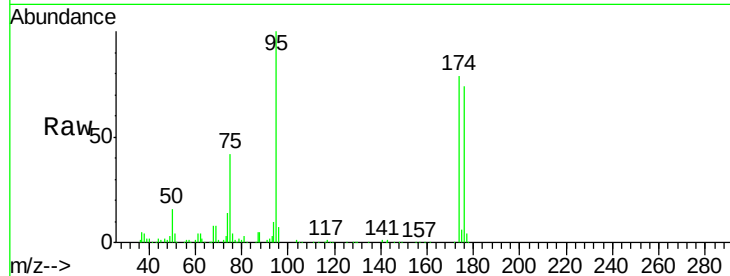
Tot Ion: 95 Resp: 145982

Ion Ratio Lower Upper

95 100

174 78.6 0.0 174.0

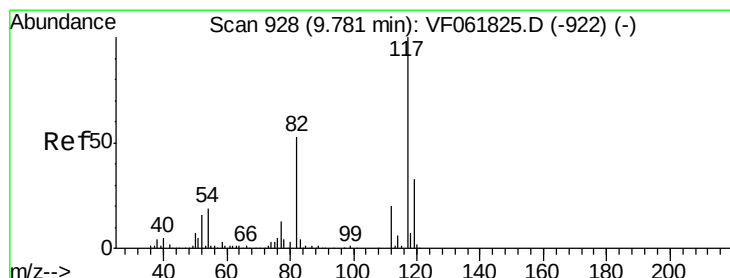
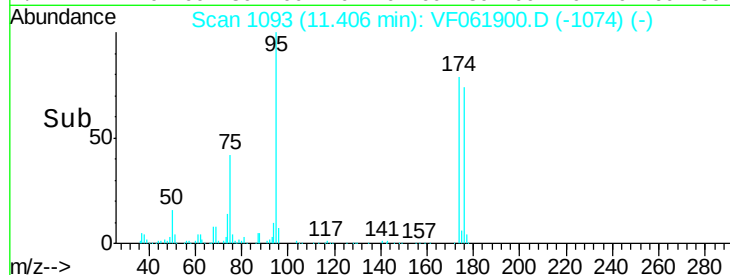
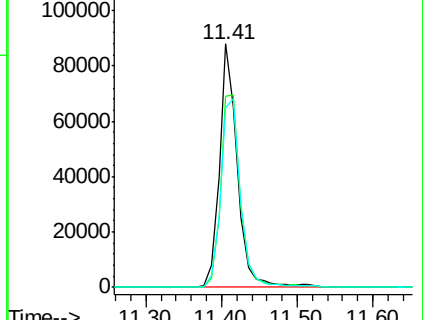
176 74.0 0.0 175.2



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: 9.77 min Scan# 927

Delta R.T. -0.01 min

Lab File: VF061900.D

Acq: 11 Mar 2019 20:19

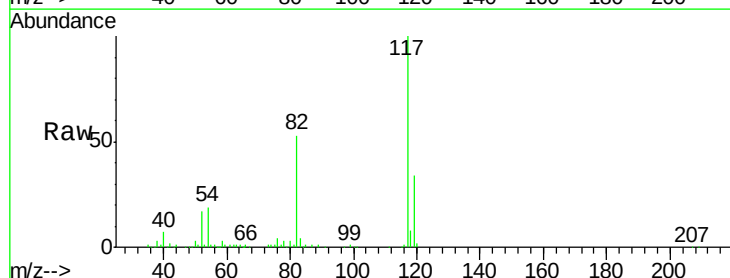
Tgt Ion: 117 Resp: 288529

Ion Ratio Lower Upper

117 100

82 53.5 42.6 63.8

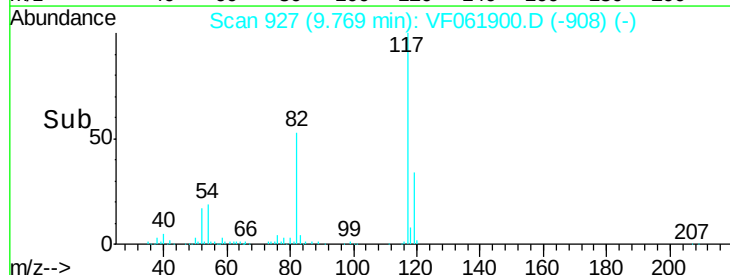
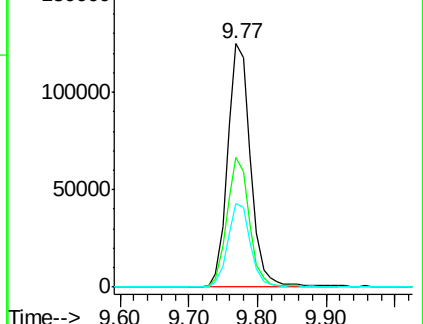
119 34.4 26.0 39.0

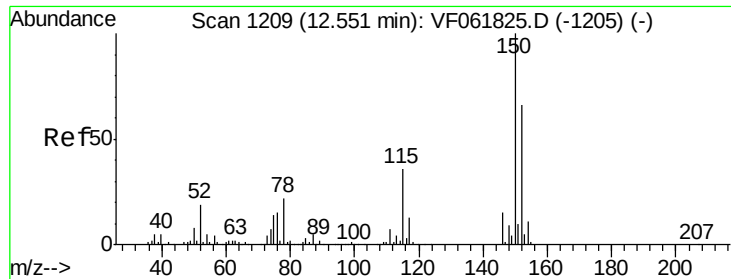


Abundance Ion 117.00 (116.70 to 117.70): VF0

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: 12.55 min Scan# 1209

Delta R.T. -0.00 min

Lab File: VF061900.D

Acq: 11 Mar 2019 20:19

Instrument :

MSVOA_F

ClientSampleId :

TP-2

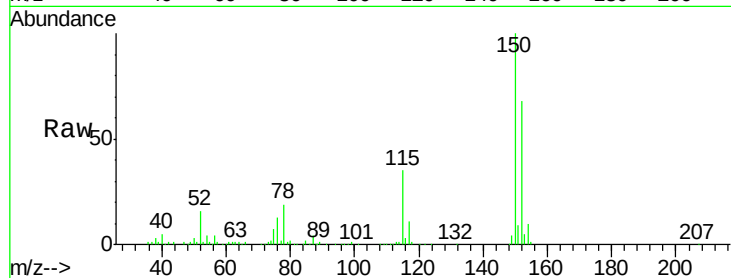
Tot Ion:152 Resp: 132614

Ion Ratio Lower Upper

152 100

115 51.0 27.7 83.1

150 147.3 0.0 304.2



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

