

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030519\
 Data File : VF061849.D
 Acq On : 5 Mar 2019 17:06
 Operator : VA/AP
 Sample : K1715-11
 Misc : 5.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5-A

Quant Time: Mar 06 06:12:32 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

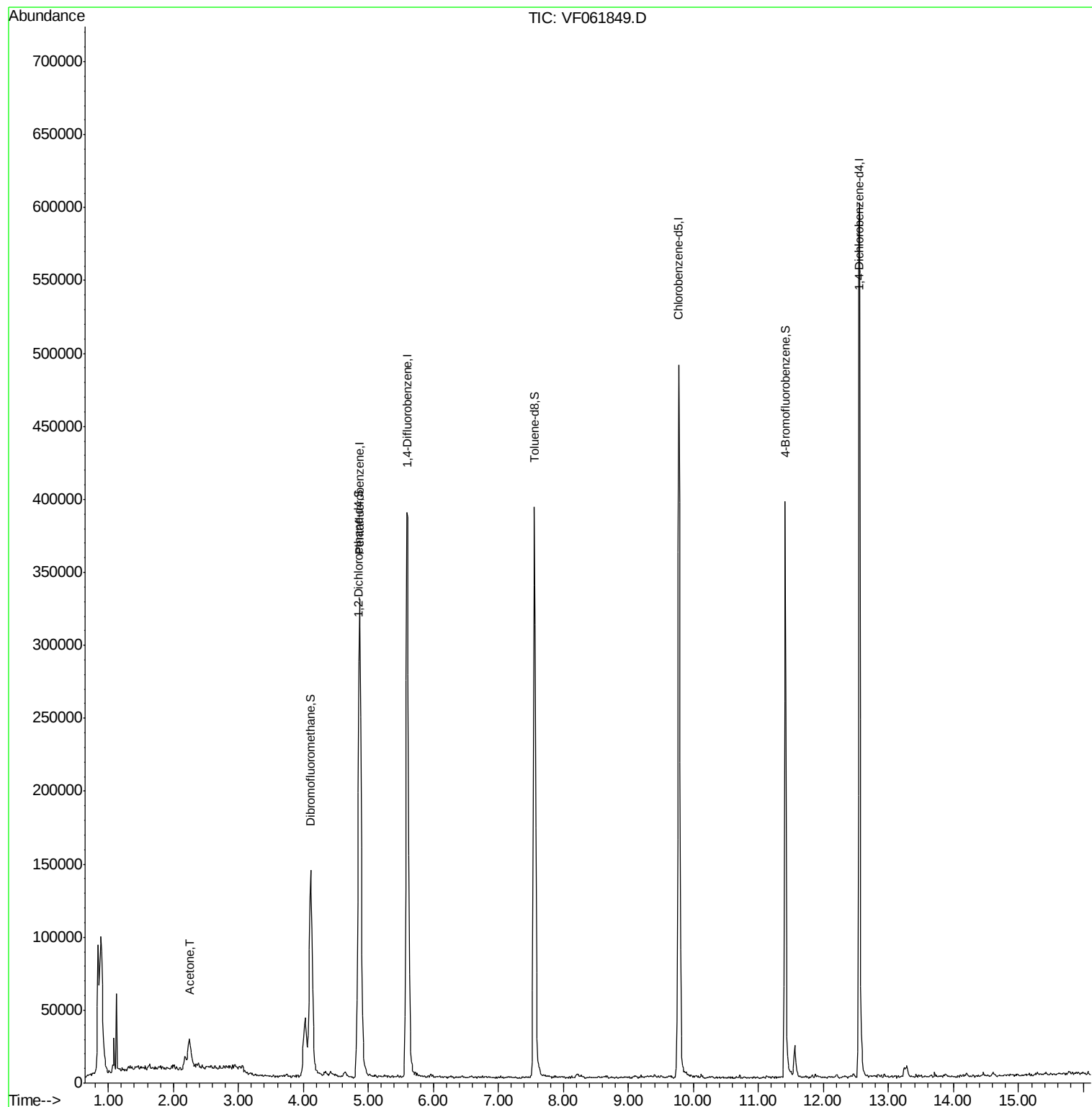
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	315942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	493100	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	392738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	189818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	99609	43.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.58%	
35) Dibromofluoromethane	4.11	113	140496	40.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.66%	
50) Toluene-d8	7.56	98	357634	34.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.94%	
62) 4-Bromofluorobenzene	11.41	95	147726	36.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.74%	
Target Compounds						
16) Acetone	2.24	43	21908	45.456	ug/l	Qvalue 100

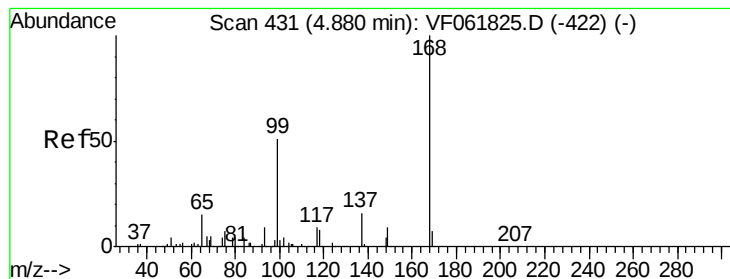
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF061849.D

Acq: 5 Mar 2019 17:06

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ClientSampleId :

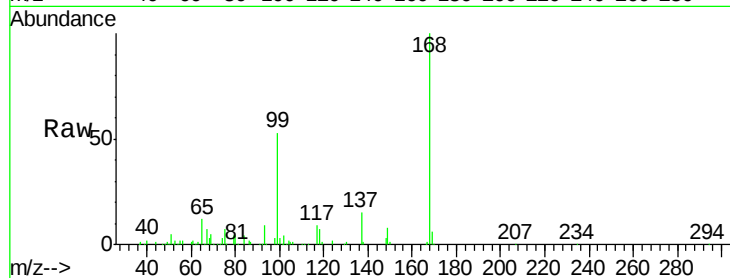
TP-5-A

Tot Ion:168 Resp: 315942

Ion Ratio Lower Upper

168 100

99 53.3 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

100000

80000

60000

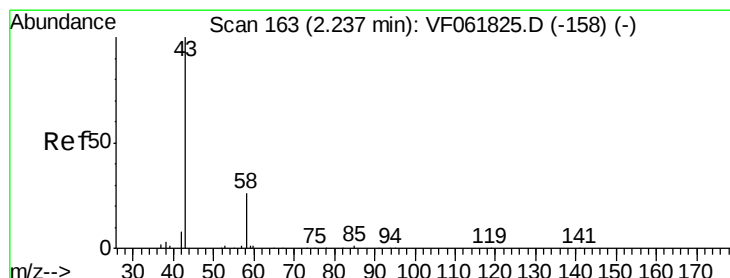
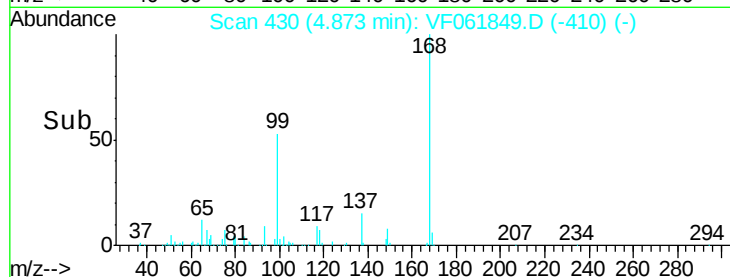
40000

20000

0

Time-->

4.70 4.80 4.90 5.00



#16

Acetone

Concen: 45.456 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.00 min

Lab File: VF061849.D

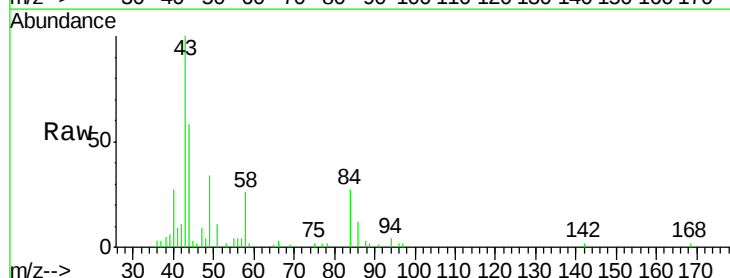
Acq: 5 Mar 2019 17:06

Tgt Ion: 43 Resp: 21908

Ion Ratio Lower Upper

43 100

58 25.7 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

8000

6000

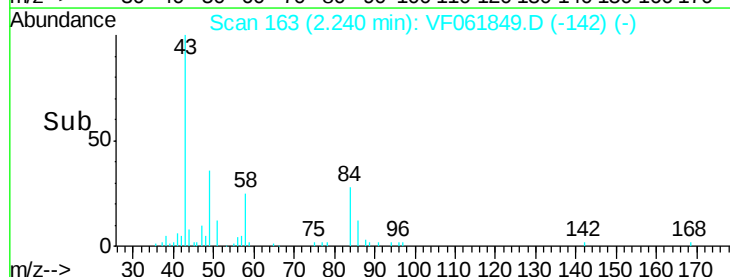
4000

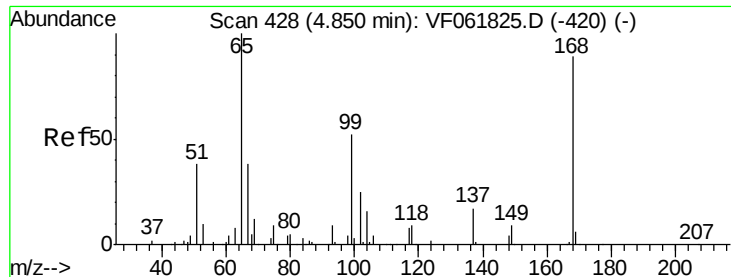
2000

0

Time-->

2.20 2.30





#33

1,2-Dichloroethane-d4

Concen: 43.293 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061849.D

Acq: 5 Mar 2019 17:06

Instrument :

MSVOA_F

ClientSampleId :

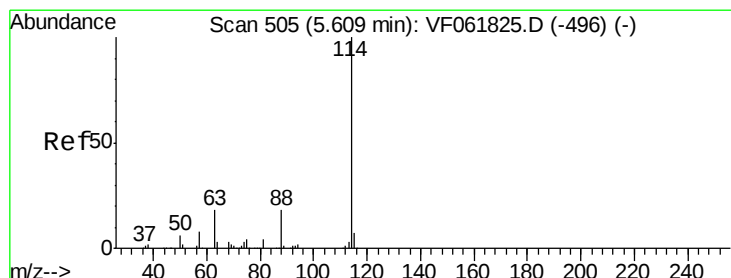
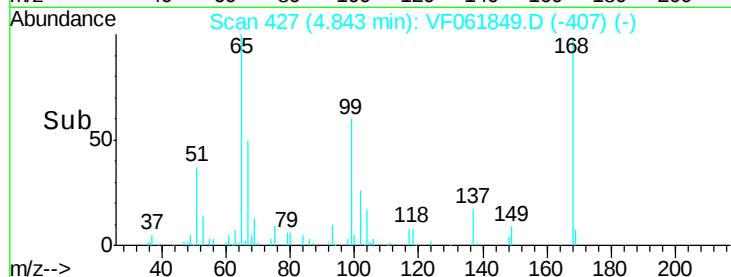
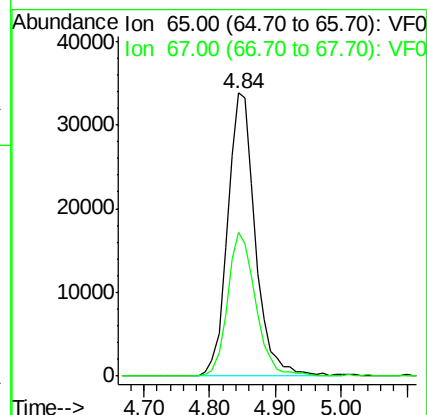
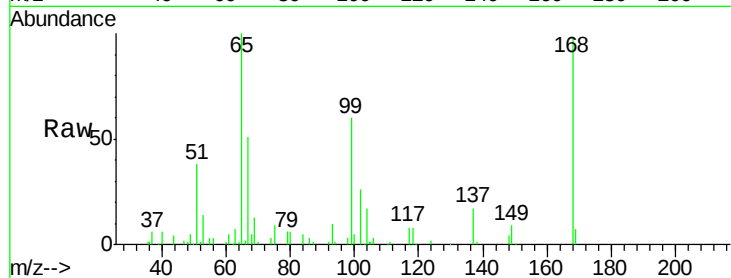
TP-5-A

Tot Ion: 65 Resp: 99609

Ion Ratio Lower Upper

65 100

67 50.8 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: VF061849.D

Acq: 5 Mar 2019 17:06

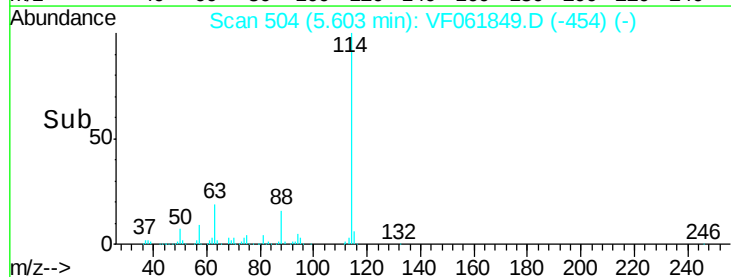
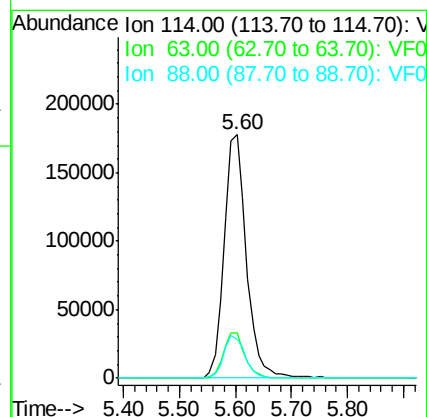
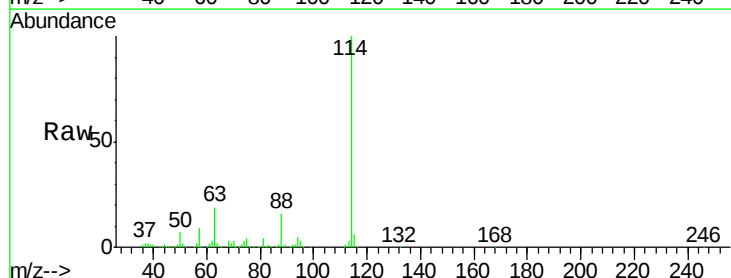
Tgt Ion: 114 Resp: 493100

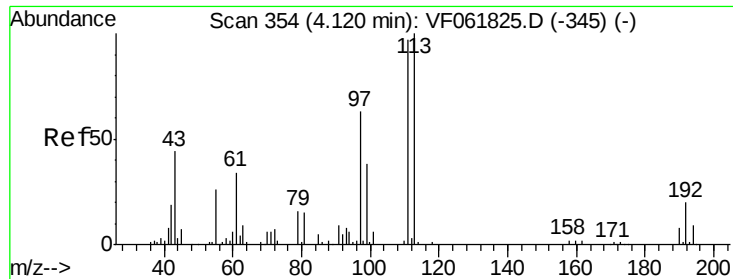
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

88 15.9 0.0 35.6

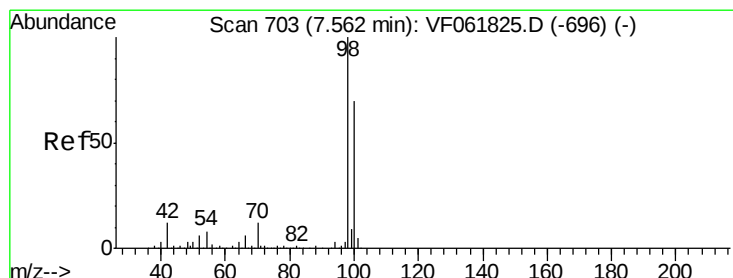
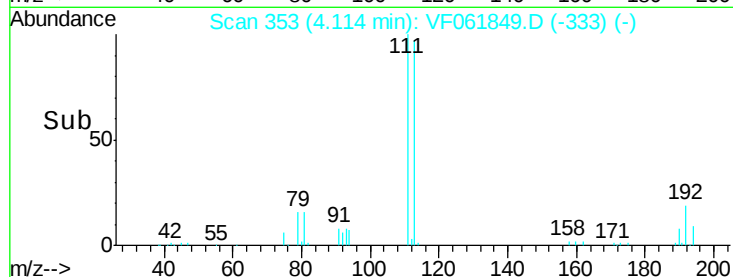
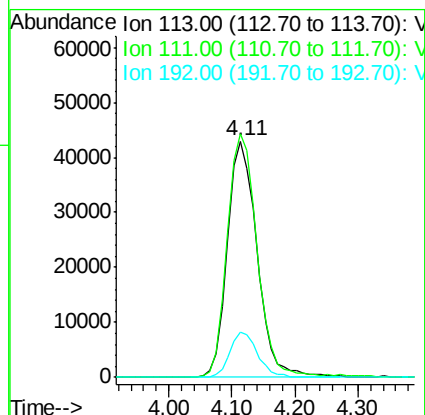
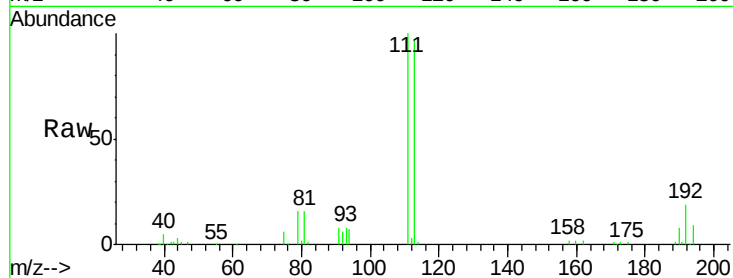




#35
Dibromofluoromethane
Concen: 40.828 ug/l
RT: 4.11 min Scan# 353
Delta R.T. -0.01 min
Lab File: VF061849.D
Acq: 5 Mar 2019 17:06

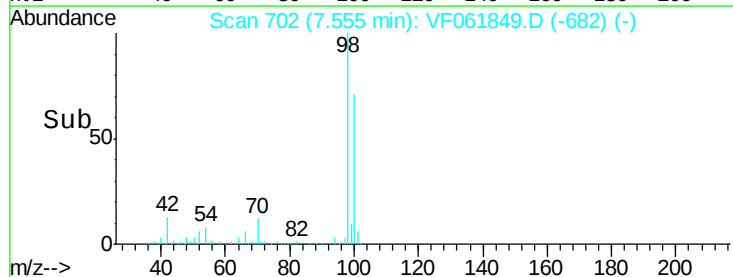
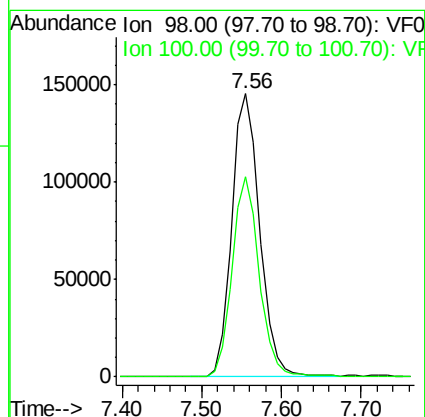
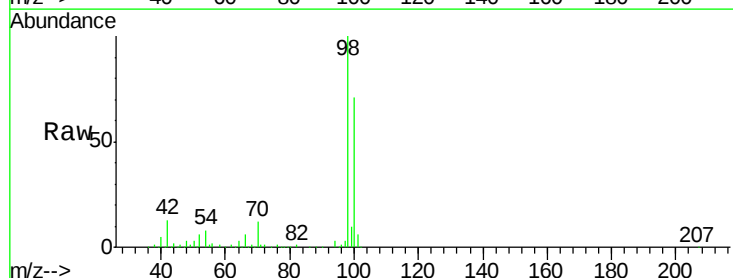
Instrument :
MSVOA_F
ClientSampleId :
TP-5-A

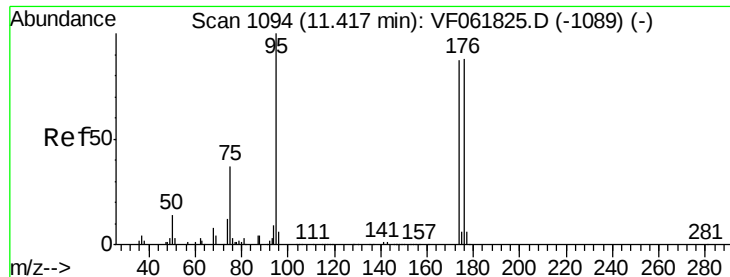
Tot Ion:113 Resp: 140496
Ion Ratio Lower Upper
113 100
111 102.9 77.6 116.4
192 19.2 15.9 23.9



#50
Toluene-d8
Concen: 34.965 ug/l
RT: 7.56 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF061849.D
Acq: 5 Mar 2019 17:06

Tgt Ion: 98 Resp: 357634
Ion Ratio Lower Upper
98 100
100 70.8 56.0 84.0





#62

4-Bromofluorobenzene

Concen: 36.870 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061849.D

Acq: 5 Mar 2019 17:06

Instrument :

MSVOA_F

ClientSampleId :

TP-5-A

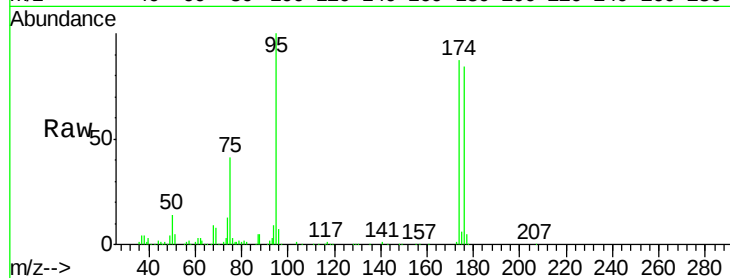
Tot Ion: 95 Resp: 147726

Ion Ratio Lower Upper

95 100

174 87.1 0.0 174.0

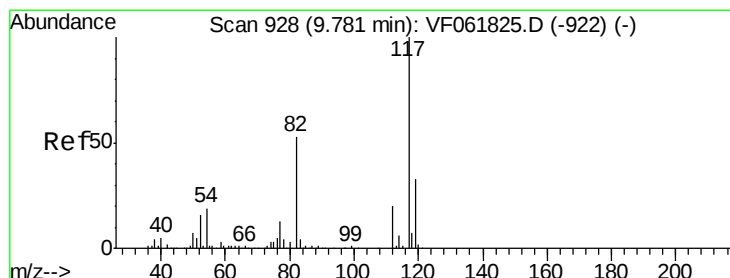
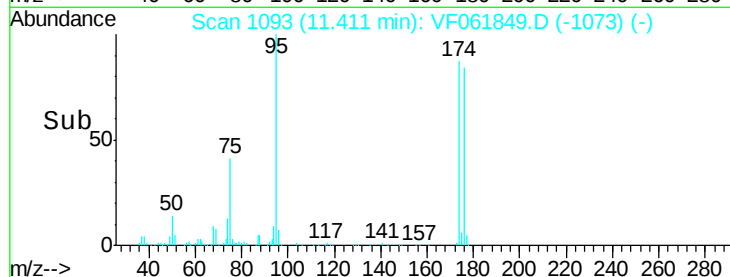
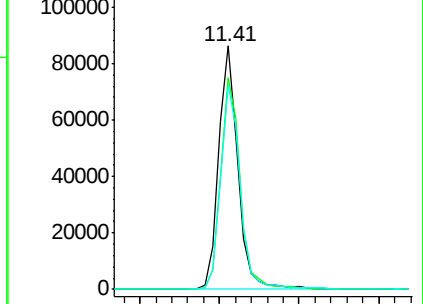
176 83.6 0.0 175.2



Abundance Ion 95.00 (94.70 to 95.70): VF061825.D (-1089) (-)

Ion 174.00 (173.70 to 174.70): VF061825.D (-1089) (-)

Ion 176.00 (175.70 to 176.70): VF061825.D (-1089) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 927

Delta R.T. -0.01 min

Lab File: VF061849.D

Acq: 5 Mar 2019 17:06

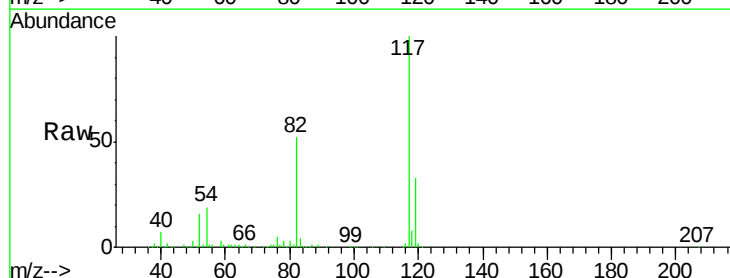
Tgt Ion: 117 Resp: 392738

Ion Ratio Lower Upper

117 100

82 51.7 42.6 63.8

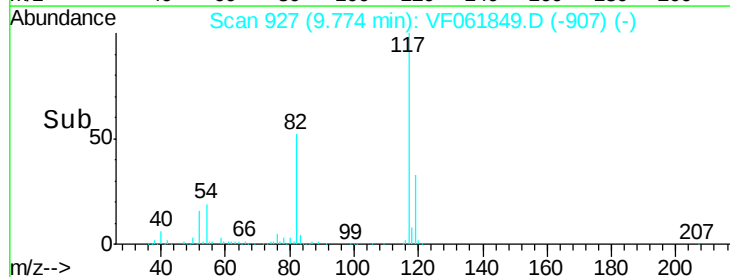
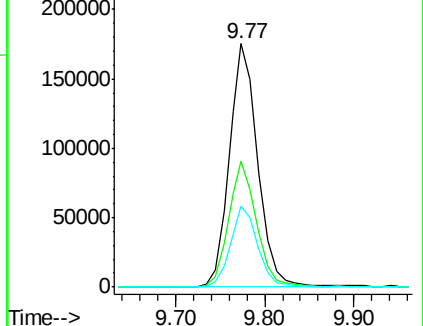
119 33.4 26.0 39.0

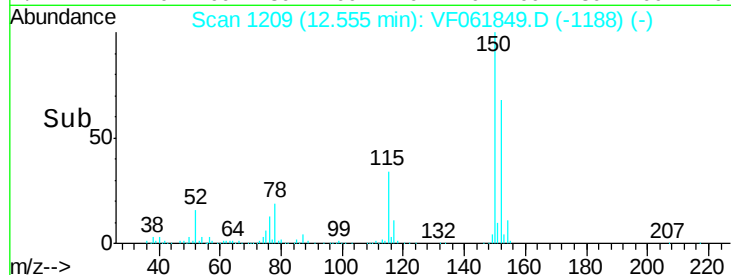
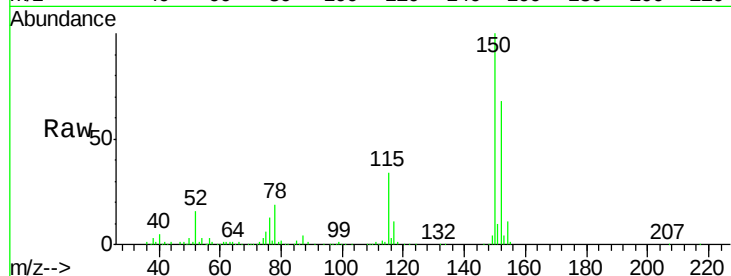
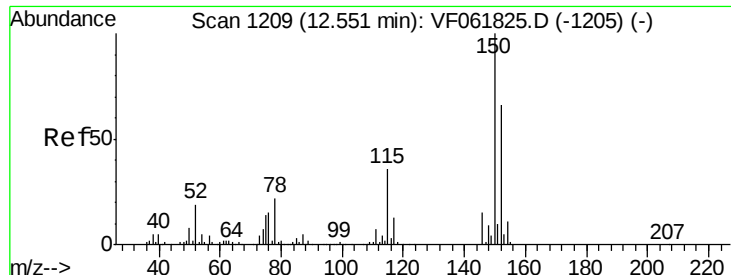


Abundance Ion 117.00 (116.70 to 117.70): VF061825.D (-922) (-)

Ion 82.00 (81.70 to 82.70): VF061825.D (-922) (-)

Ion 119.00 (118.70 to 119.70): VF061825.D (-922) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.55 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: VF061849.D
 Acq: 5 Mar 2019 17:06

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	49.7	27.7	83.1
150	147.8	0.0	304.2

