

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061875.D
 Acq On : 8 Mar 2019 21:11
 Operator : VA/AP
 Sample : K1807-21
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-18

Quant Time: Mar 09 02:33:09 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	4.85	168	267651	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	403458	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	334698	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	197896	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	118968	61.04	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	122.08%	
35) Dibromofluoromethane	4.09	113	164887	58.56	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	117.12%	
50) Toluene-d8	7.54	98	400882	47.90	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	95.80%	
62) 4-Bromofluorobenzene	11.40	95	172699	52.68	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	105.36%	

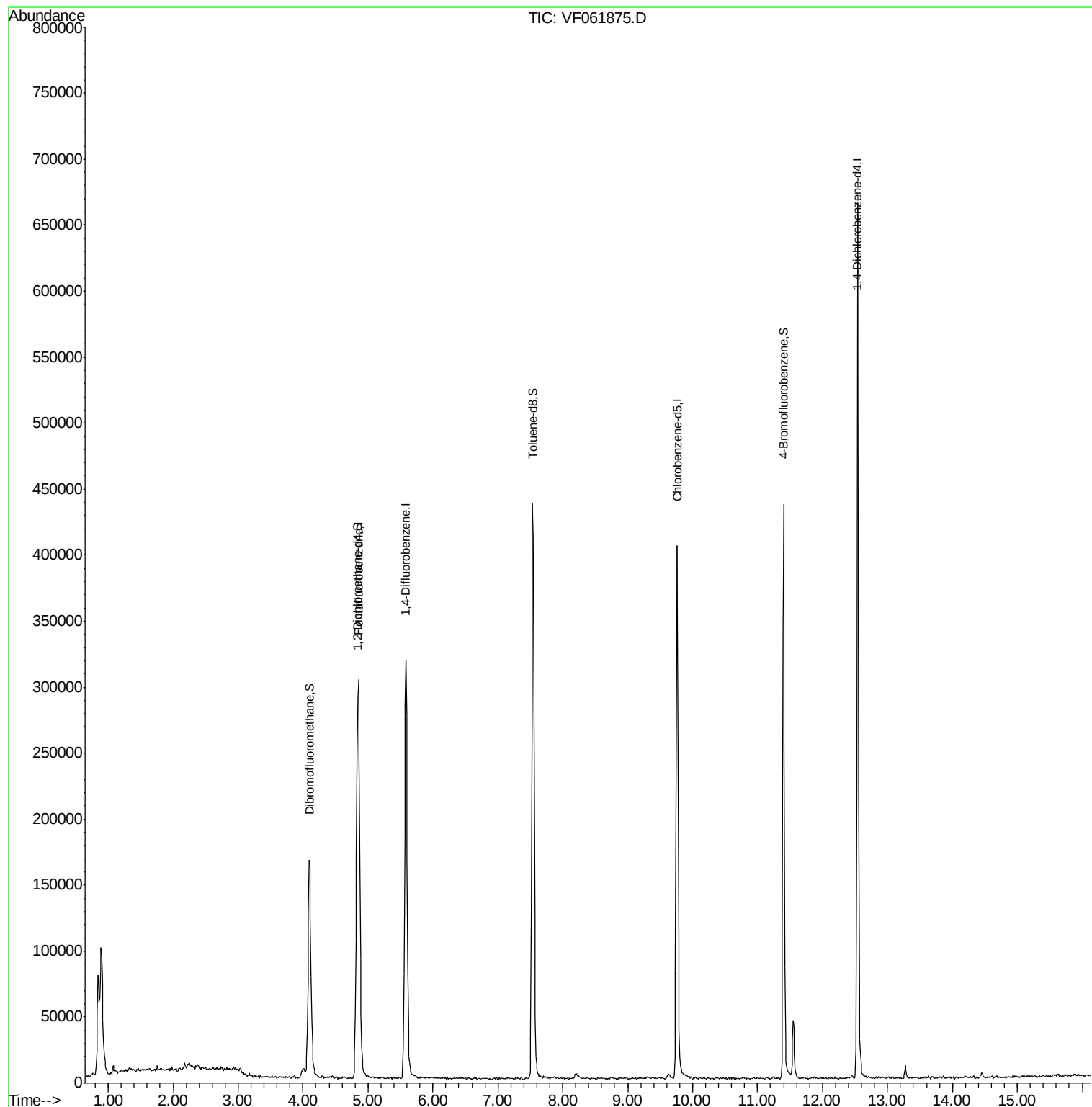
Target Compounds	Qvalue

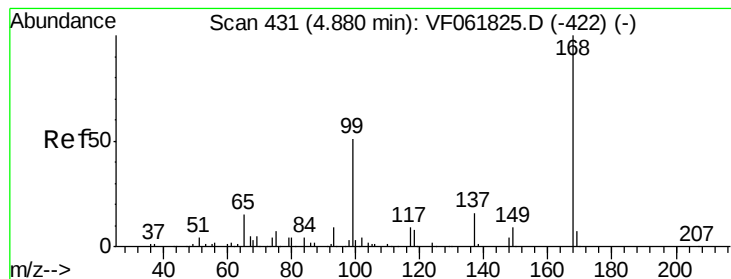
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061875.D

Acq: 8 Mar 2019 21:11

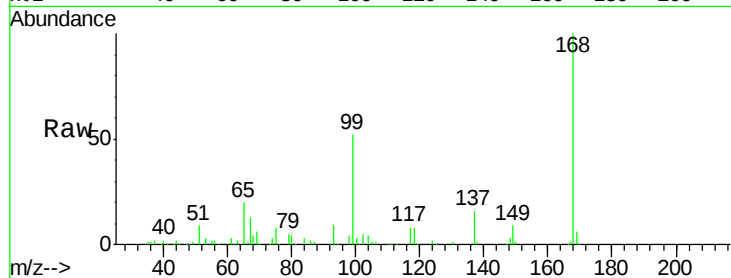
Instrument :
MSVOA_F
ClientSampled :
TP-18

Tot Ion:168 Resp: 267651

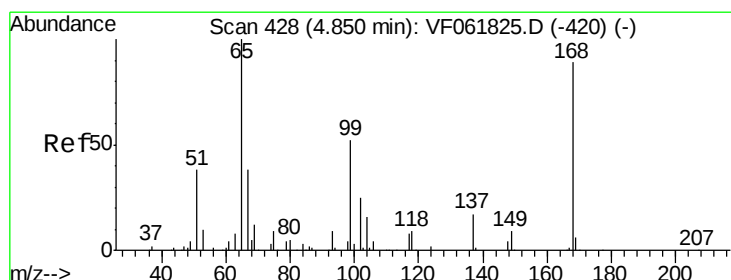
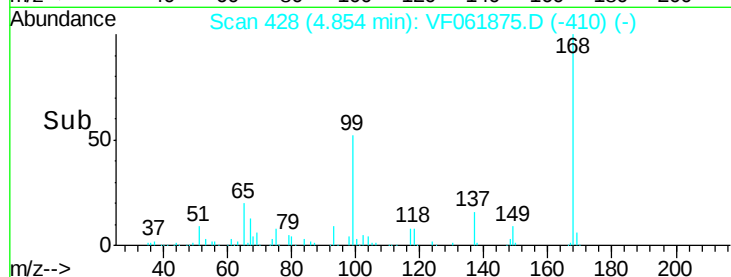
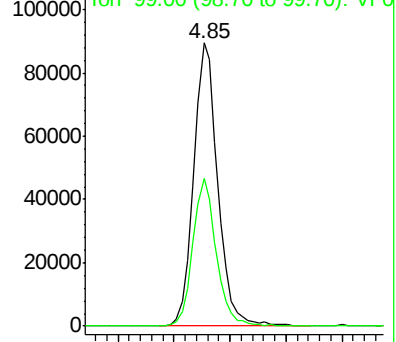
Ion Ratio Lower Upper

168 100

99 52.1 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 61.036 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.02 min

Lab File: VF061875.D

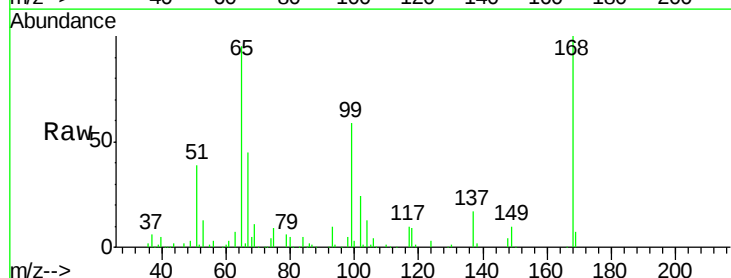
Acq: 8 Mar 2019 21:11

Tgt Ion: 65 Resp: 118968

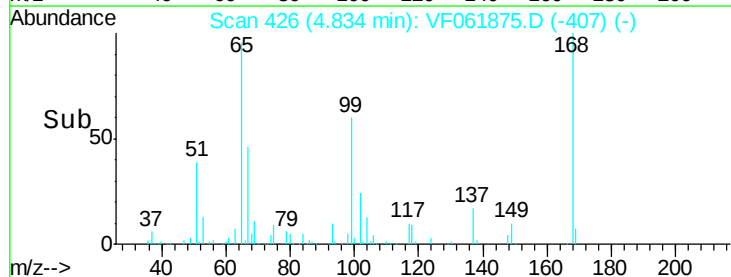
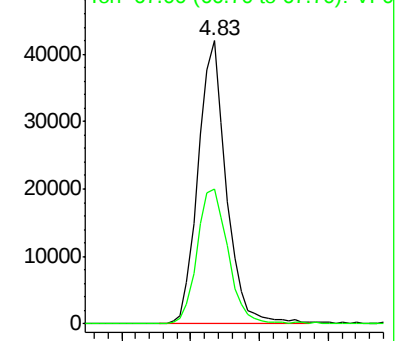
Ion Ratio Lower Upper

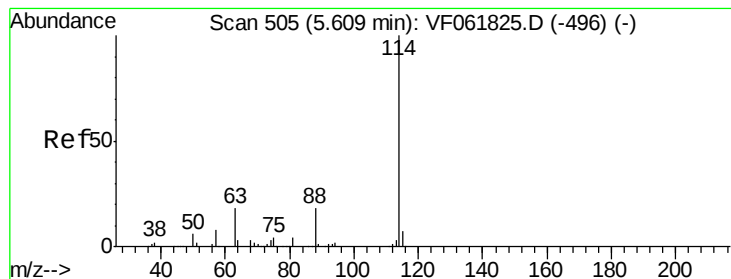
65 100

67 47.9 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061875.D

Acq: 8 Mar 2019 21:11

Instrument :

MSVOA_F

ClientSampleId :

TP-18

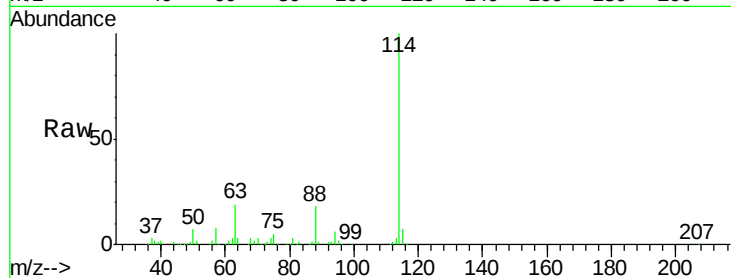
Tot Ion:114 Resp: 403458

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

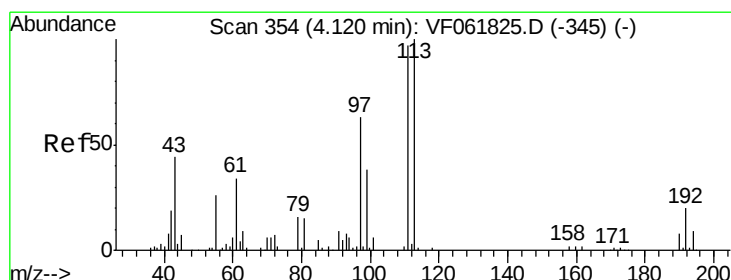
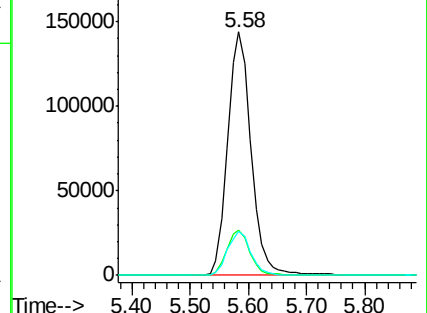
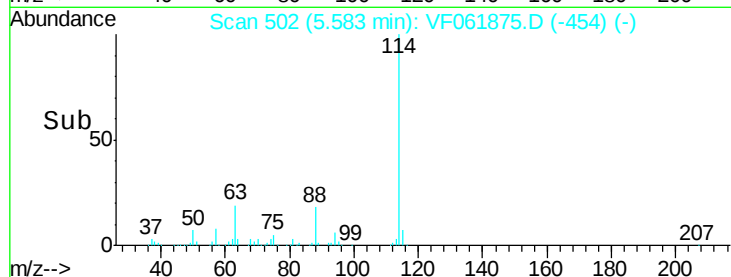
88 18.1 0.0 35.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 58.562 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061875.D

Acq: 8 Mar 2019 21:11

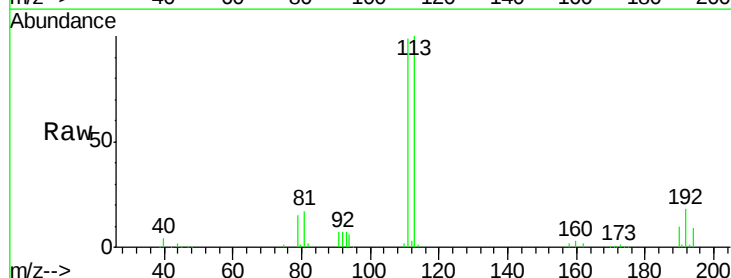
Tgt Ion:113 Resp: 164887

Ion Ratio Lower Upper

113 100

111 98.9 77.6 116.4

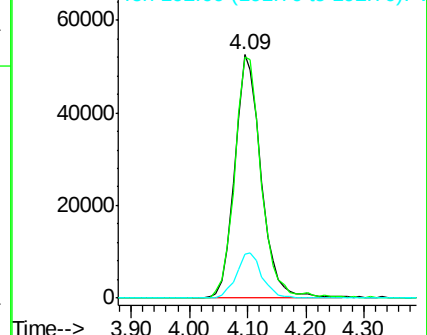
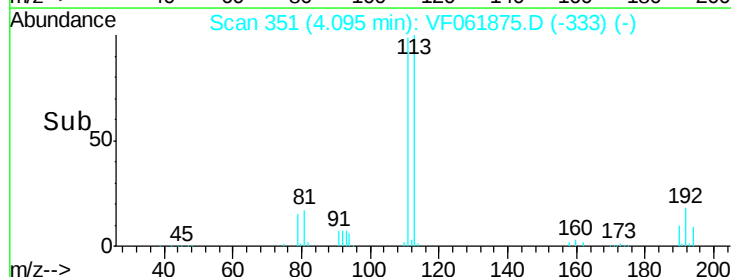
192 18.6 15.9 23.9

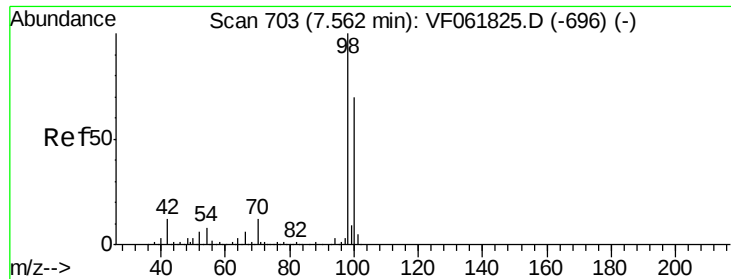


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 47.902 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061875.D

Acq: 8 Mar 2019 21:11

Instrument :

MSVOA_F

ClientSampleId :

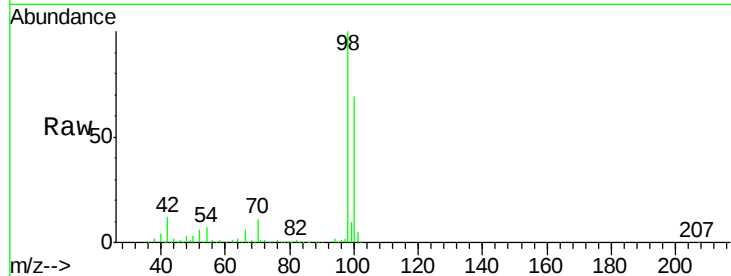
TP-18

Tot Ion: 98 Resp: 400882

Ion Ratio Lower Upper

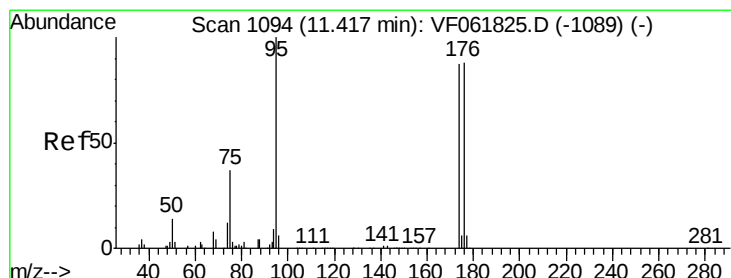
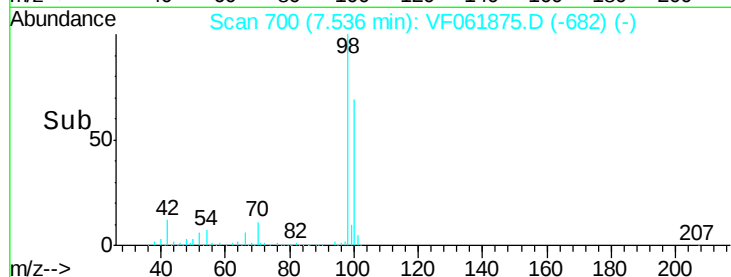
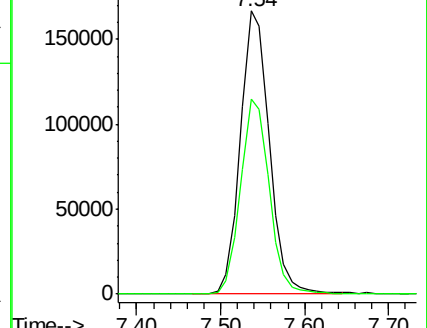
98 100

100 68.8 56.0 84.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 52.680 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061875.D

Acq: 8 Mar 2019 21:11

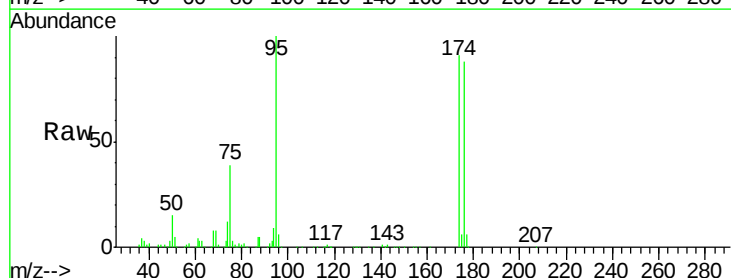
Tgt Ion: 95 Resp: 172699

Ion Ratio Lower Upper

95 100

174 91.0 0.0 174.0

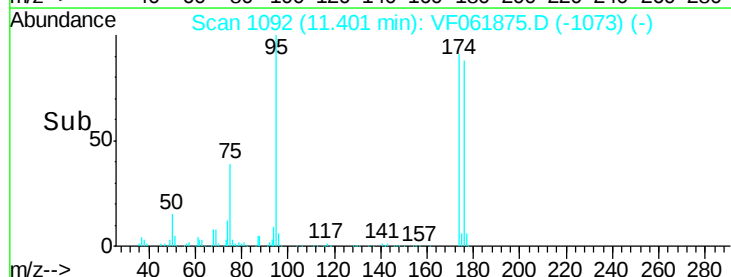
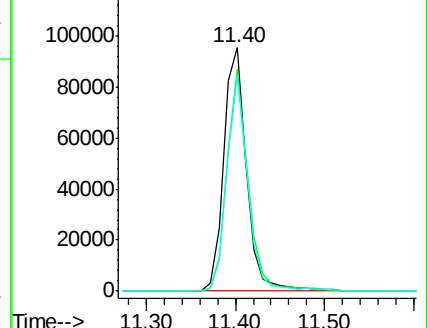
176 88.5 0.0 175.2

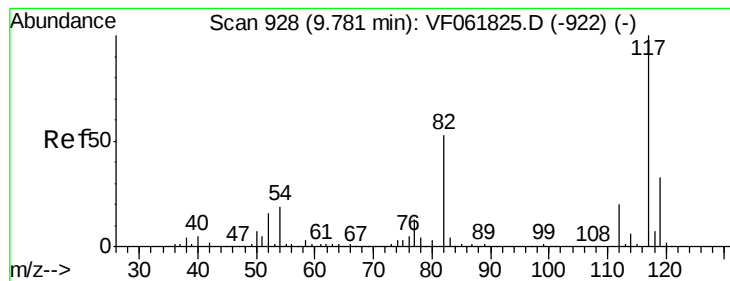


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.02 min

Lab File: VF061875.D

Acq: 8 Mar 2019 21:11

Instrument :

MSVOA_F

ClientSampled :

TP-18

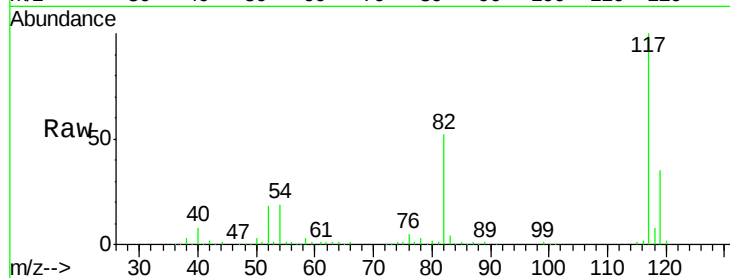
Tot Ion:117 Resp: 334698

Ion Ratio Lower Upper

117 100

82 52.1 42.6 63.8

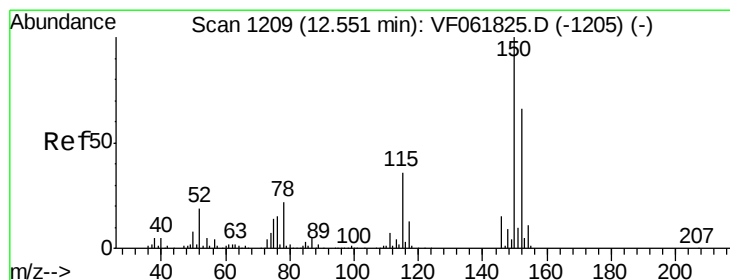
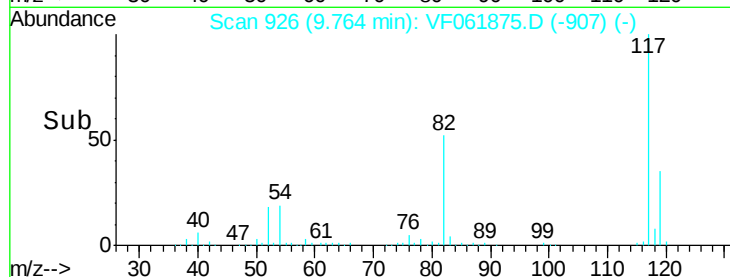
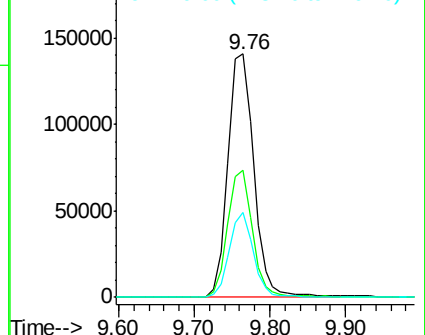
119 34.8 26.0 39.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF061875.D

Acq: 8 Mar 2019 21:11

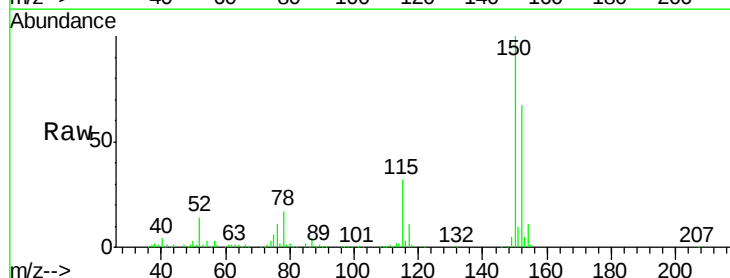
Tgt Ion:152 Resp: 197896

Ion Ratio Lower Upper

152 100

115 48.5 27.7 83.1

150 149.6 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

