

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061867.D
 Acq On : 8 Mar 2019 17:21
 Operator : VA/AP
 Sample : K1807-05
 Misc : 5.10g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-3

Quant Time: Mar 09 02:24:24 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	4.84	168	280258	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.57	114	426583	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.76	117	358538	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	199402	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.81	65	119641	58.62	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	117.24%	
35) Dibromofluoromethane	4.09	113	166688	55.99	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	111.98%	
50) Toluene-d8	7.54	98	434170	49.07	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	11.39	95	192543	55.55	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	111.10%	

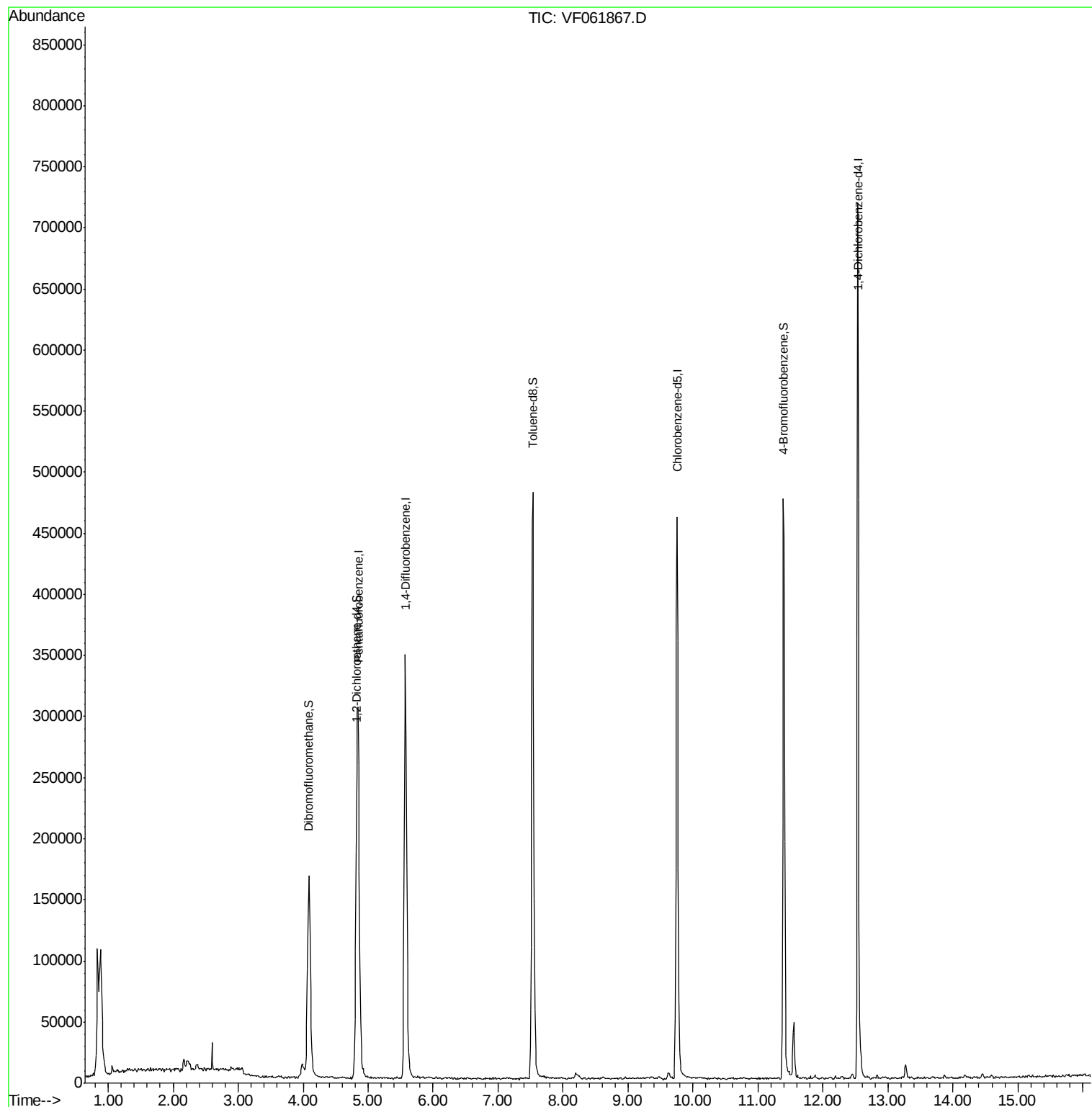
Target Compounds	Qvalue

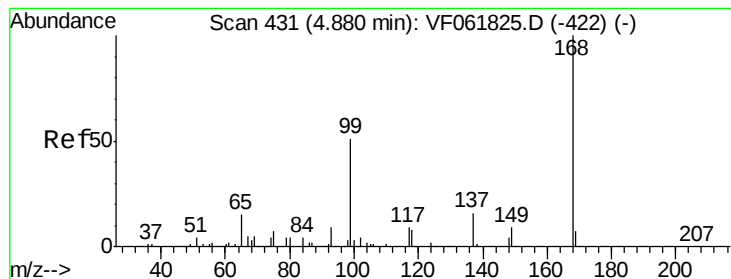
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 05 04:50:44 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.04 min

Lab File: VF061867.D

Acq: 8 Mar 2019 17:21

Instrument :

MSVOA_F

ClientSampleId :

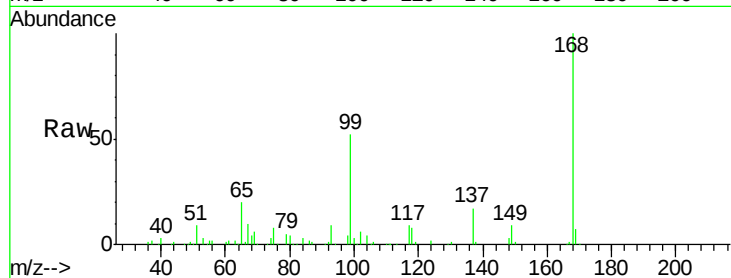
TP-3

Tot Ion:168 Resp: 280258

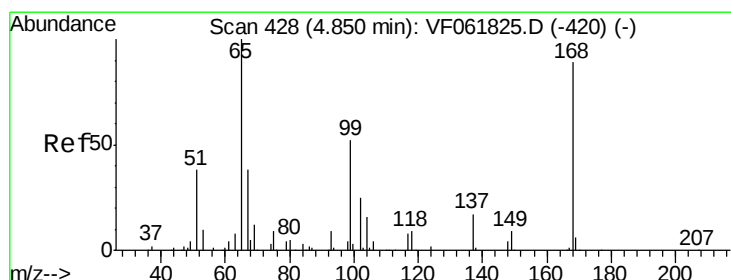
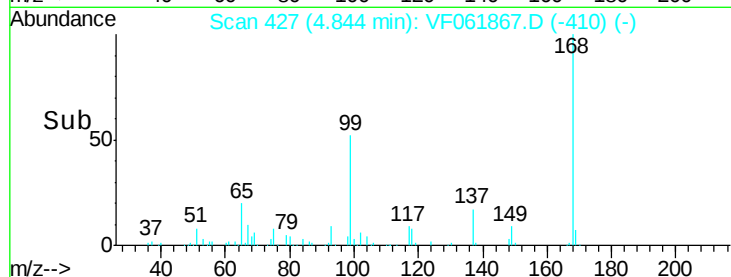
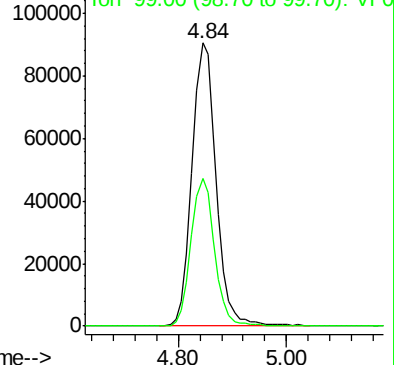
Ion Ratio Lower Upper

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: 58.620 ug/l

RT: 4.81 min Scan# 424

Delta R.T. -0.04 min

Lab File: VF061867.D

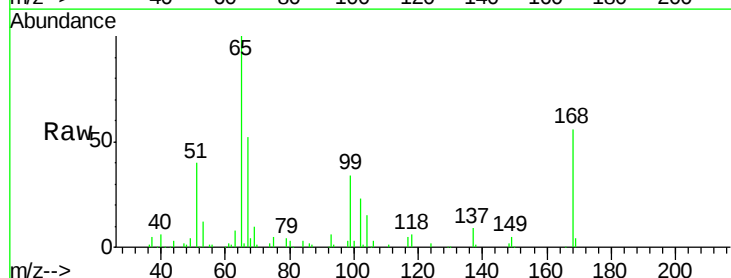
Acq: 8 Mar 2019 17:21

Tgt Ion: 65 Resp: 119641

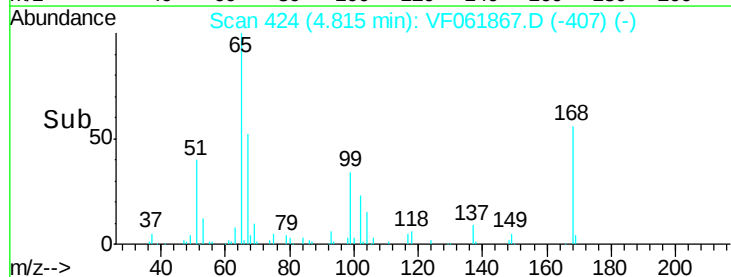
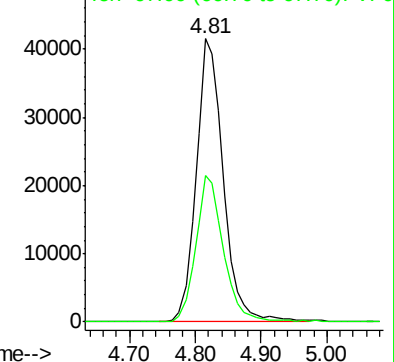
Ion Ratio Lower Upper

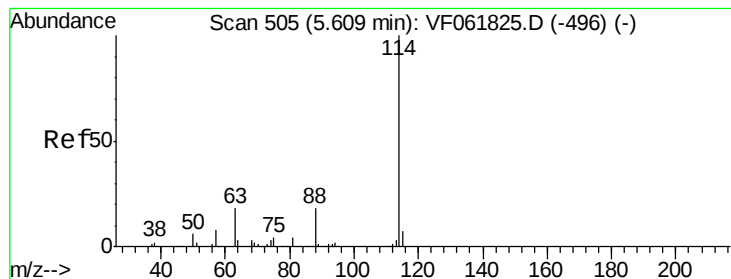
65 100

67 51.7 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.04 min

Lab File: VF061867.D

Acq: 8 Mar 2019 17:21

Instrument :

MSVOA_F

ClientSampleId :

TP-3

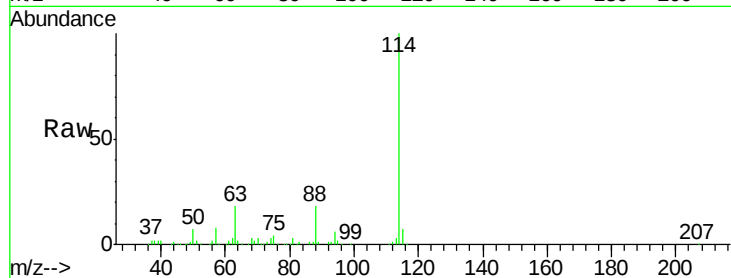
Tot Ion:114 Resp: 426583

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

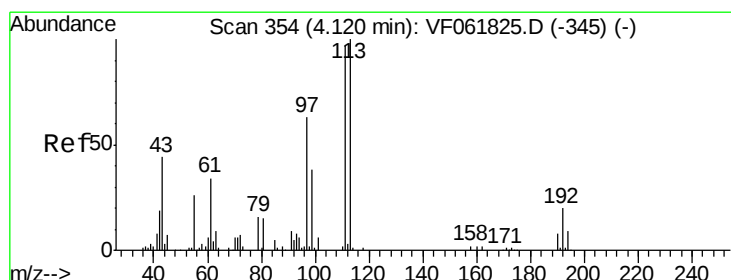
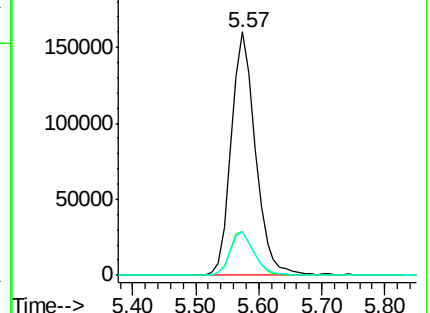
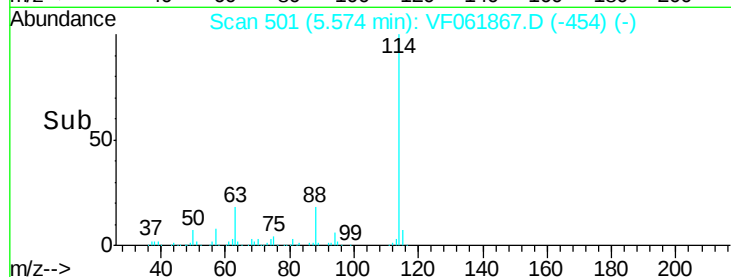
88 18.1 0.0 35.6



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: 55.992 ug/l

RT: 4.09 min Scan# 350

Delta R.T. -0.04 min

Lab File: VF061867.D

Acq: 8 Mar 2019 17:21

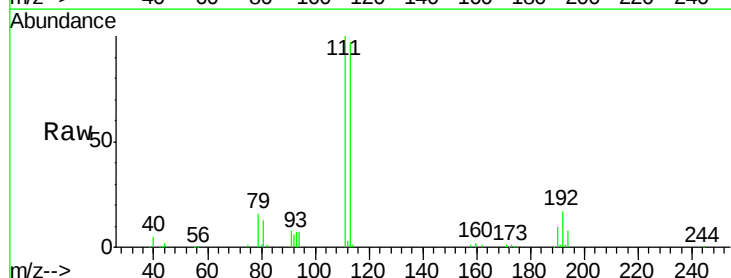
Tgt Ion:113 Resp: 166688

Ion Ratio Lower Upper

113 100

111 103.0 77.6 116.4

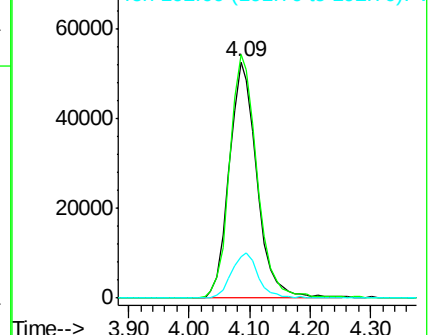
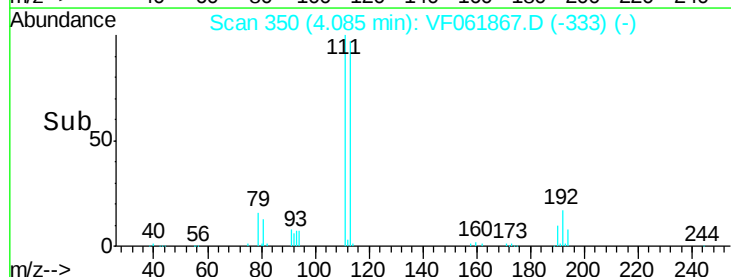
192 18.2 15.9 23.9

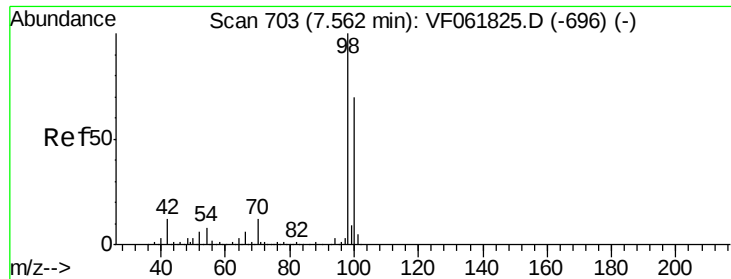


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 49.067 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061867.D

Acq: 8 Mar 2019 17:21

Instrument :

MSVOA_F

ClientSampleId :

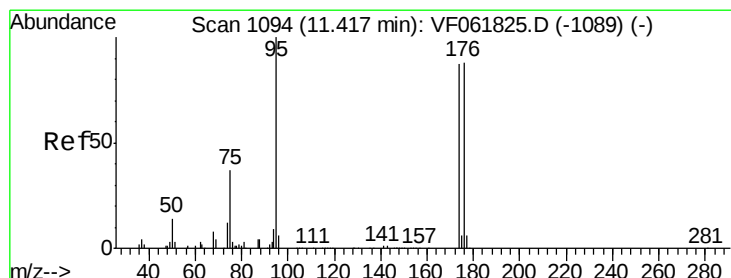
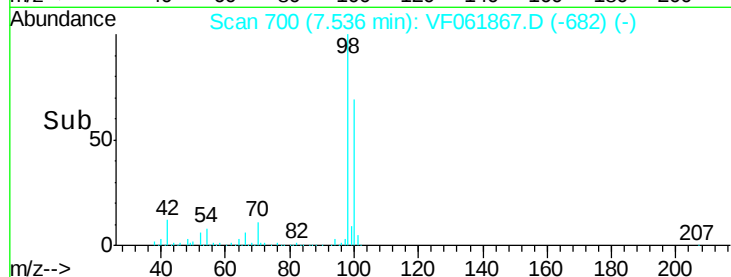
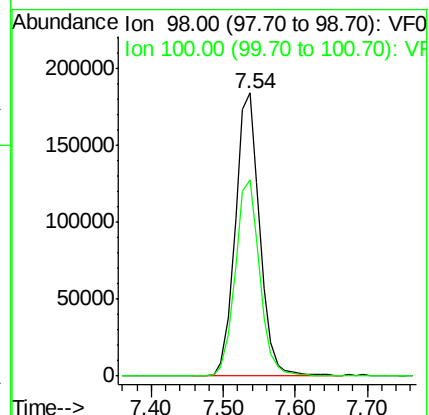
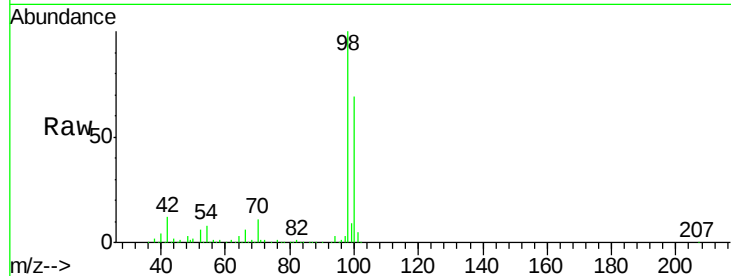
TP-3

Tot Ion: 98 Resp: 434170

Ion Ratio Lower Upper

98 100

100 69.2 56.0 84.0



#62

4-Bromofluorobenzene

Concen: 55.549 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.03 min

Lab File: VF061867.D

Acq: 8 Mar 2019 17:21

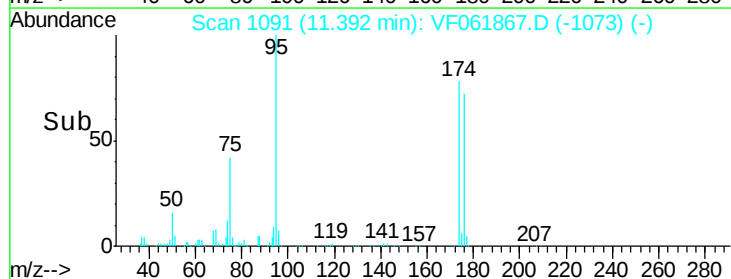
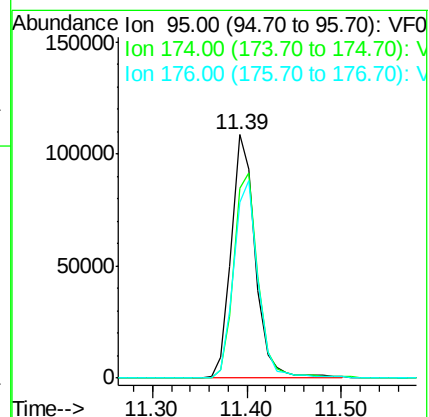
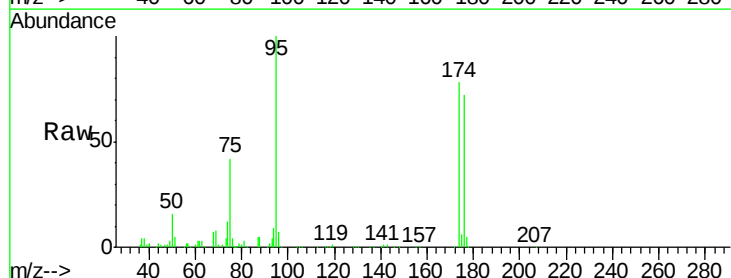
Tgt Ion: 95 Resp: 192543

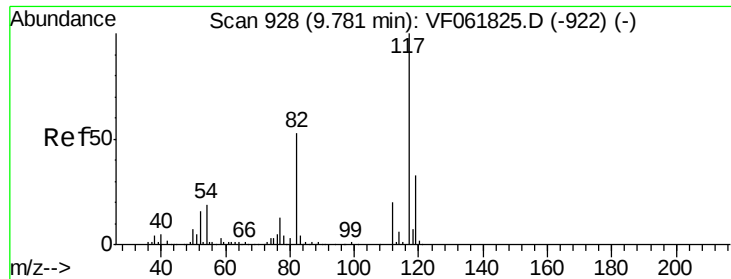
Ion Ratio Lower Upper

95 100

174 78.0 0.0 174.0

176 72.2 0.0 175.2

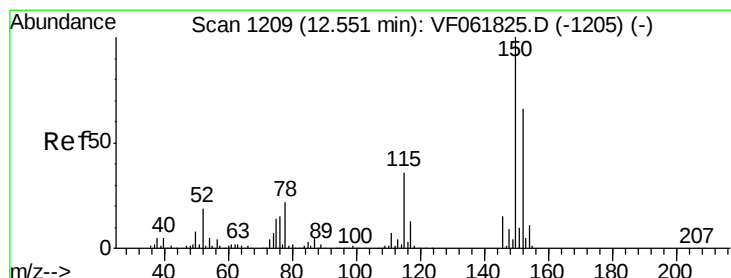
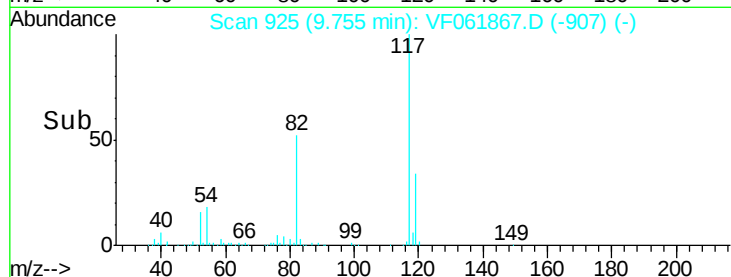
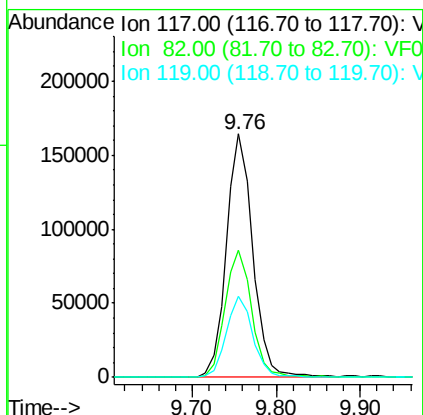
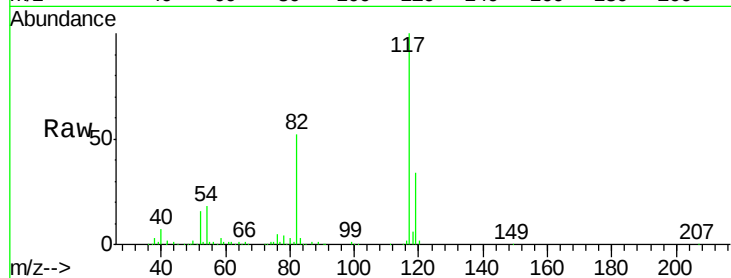




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061867.D
Acq: 8 Mar 2019 17:21

Instrument :
MSVOA_F
ClientSampleId :
TP-3

Tot Ion:117 Resp: 358538
Ion Ratio Lower Upper
117 100
82 52.3 42.6 63.8
119 33.5 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF061867.D
Acq: 8 Mar 2019 17:21

Tgt Ion:152 Resp: 199402
Ion Ratio Lower Upper
152 100
115 55.0 27.7 83.1
150 151.2 0.0 304.2

