

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030819\
 Data File : VF061862.D
 Acq On : 8 Mar 2019 14:43
 Operator : VA/AP
 Sample : VF0308SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0308SBL01

Quant Time: Mar 09 02:08:23 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	321776	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	476410	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	394973	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	234512	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	129984	55.47	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	110.94%	
35) Dibromofluoromethane	4.09	113	191594	57.63	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	115.26%	
50) Toluene-d8	7.53	98	504229	51.02	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.40	95	209516	54.12	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	108.24%	

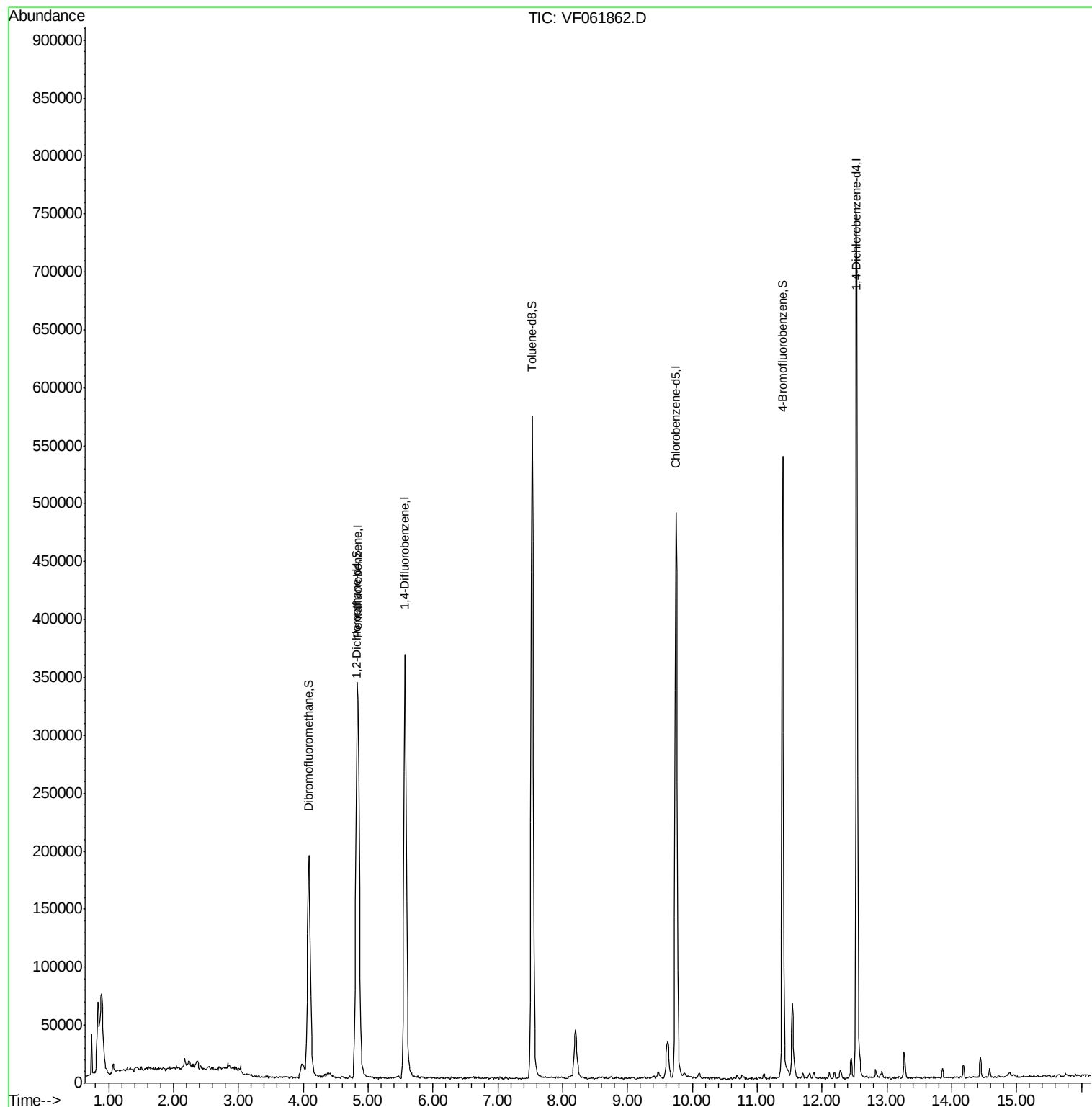
Target Compounds	Qvalue

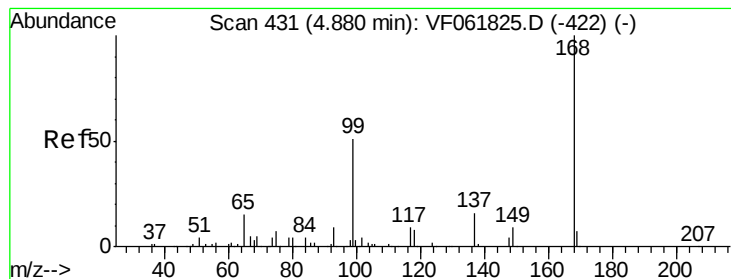
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061862.D

Acq: 8 Mar 2019 14:43

Instrument :

MSVOA_F

ClientSampleId :

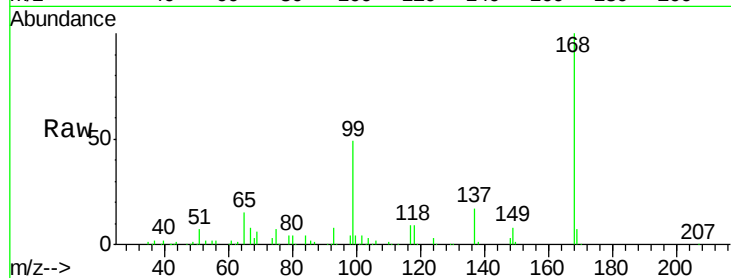
VF0308SBL01

Tot Ion:168 Resp: 321776

Ion Ratio Lower Upper

168 100

99 48.7 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

120000

100000

80000

60000

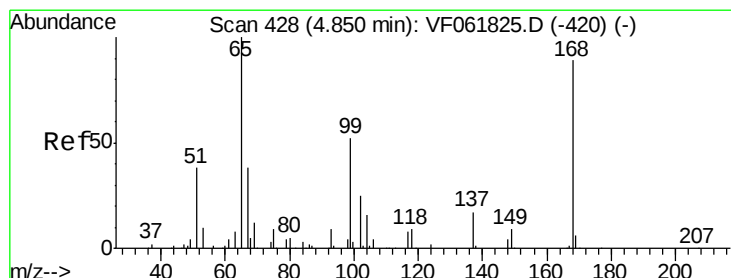
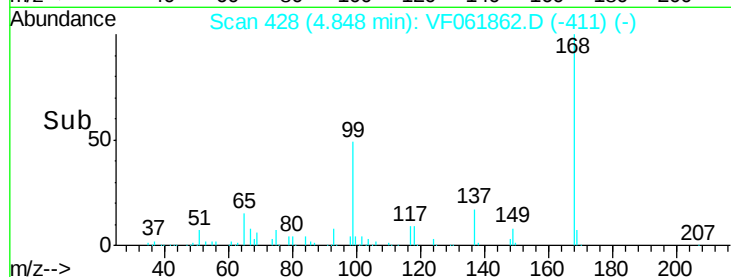
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 55.470 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.03 min

Lab File: VF061862.D

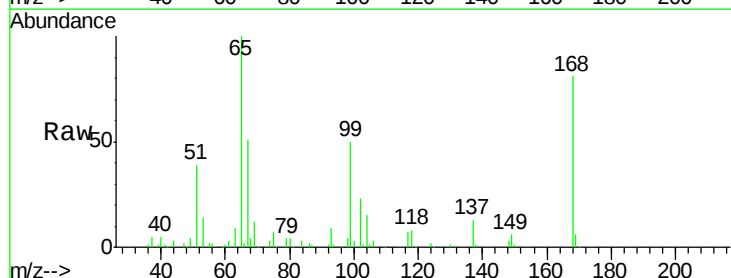
Acq: 8 Mar 2019 14:43

Tgt Ion: 65 Resp: 129984

Ion Ratio Lower Upper

65 100

67 51.5 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

50000

40000

30000

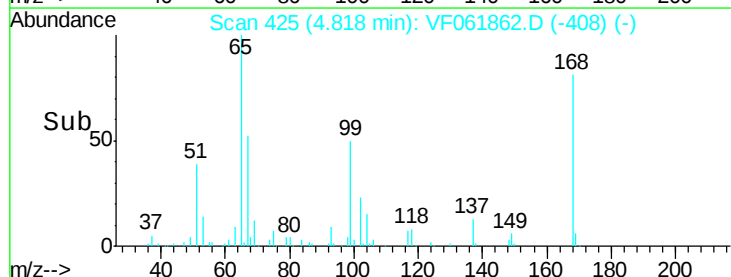
20000

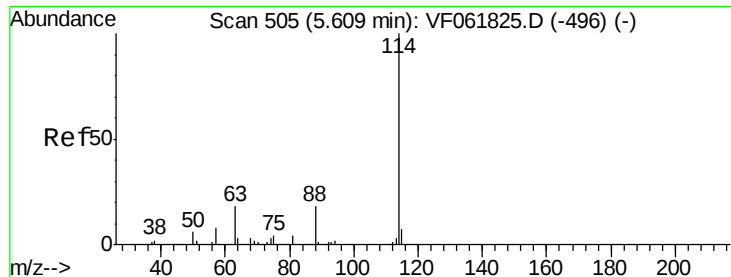
10000

0

Time-->

4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061862.D

Acq: 8 Mar 2019 14:43

Instrument :

MSVOA_F

ClientSampleId :

VF0308SBL01

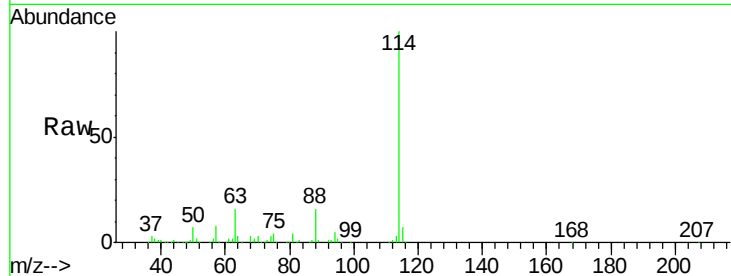
Tot Ion:114 Resp: 476410

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.6

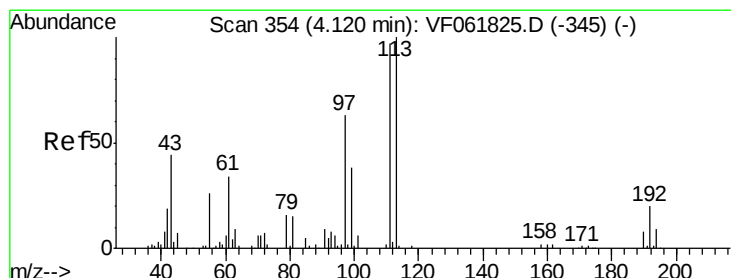
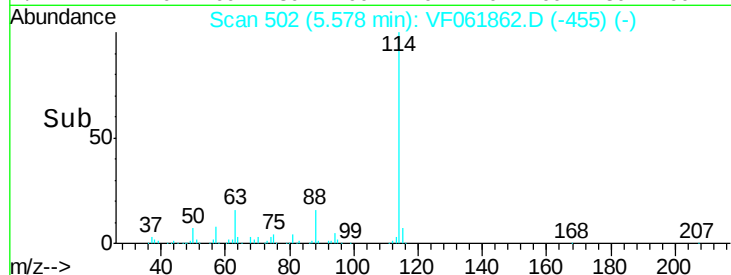
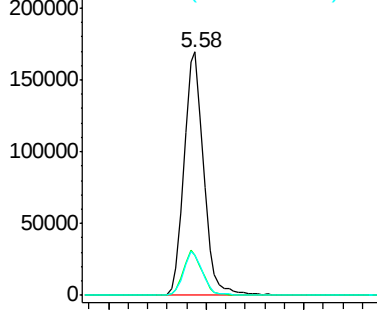
88 16.3 0.0 35.6



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: 57.627 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061862.D

Acq: 8 Mar 2019 14:43

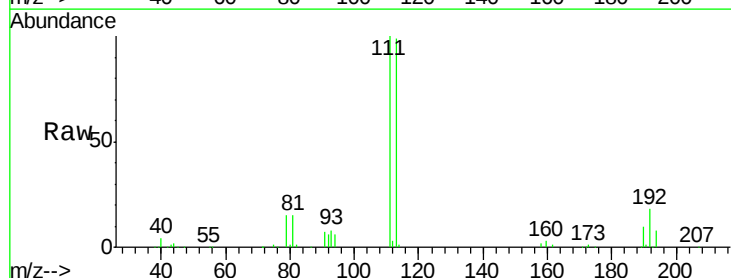
Tgt Ion:113 Resp: 191594

Ion Ratio Lower Upper

113 100

111 101.4 77.6 116.4

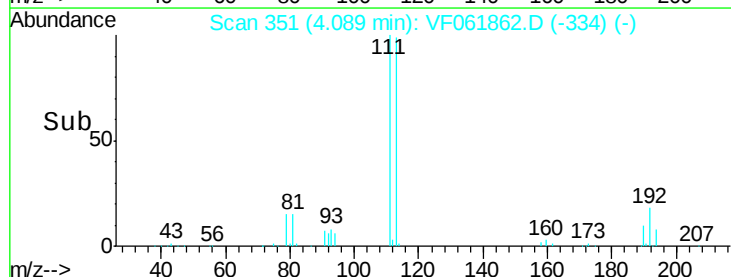
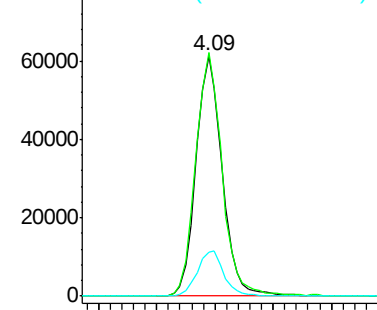
192 18.5 15.9 23.9

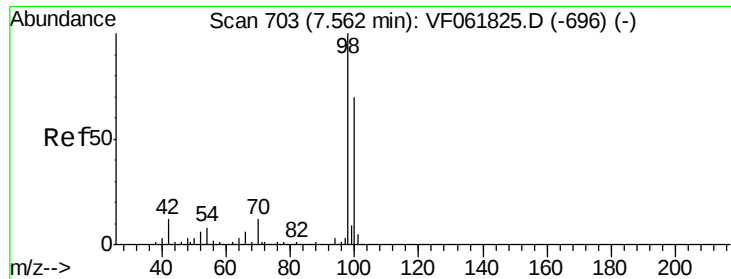


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 51.025 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061862.D

Acq: 8 Mar 2019 14:43

Instrument :

MSVOA_F

ClientSampleId :

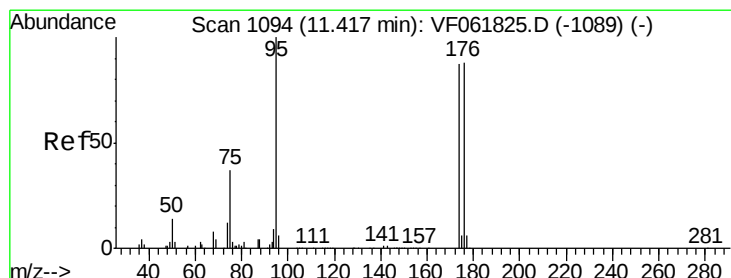
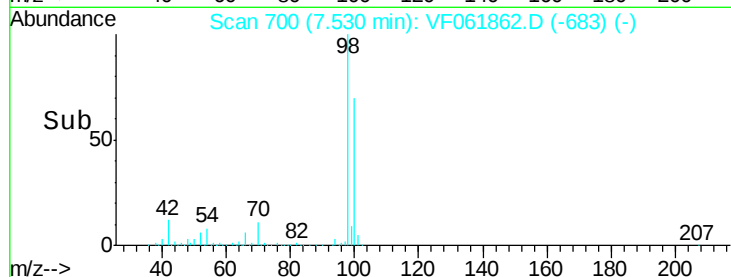
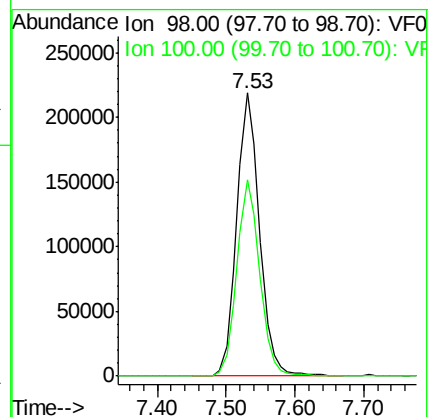
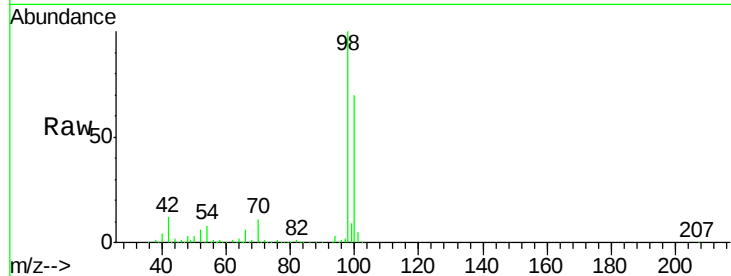
VF0308SBL01

Tot Ion: 98 Resp: 504229

Ion Ratio Lower Upper

98 100

100 69.5 56.0 84.0



#62

4-Bromofluorobenzene

Concen: 54.124 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061862.D

Acq: 8 Mar 2019 14:43

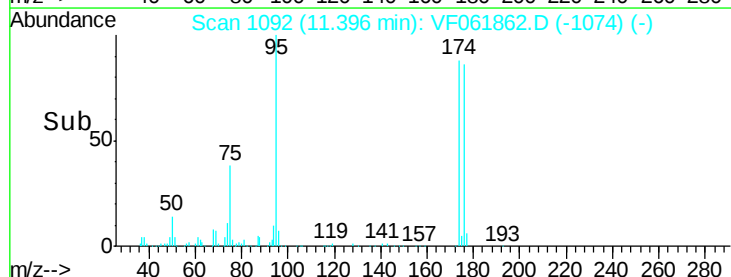
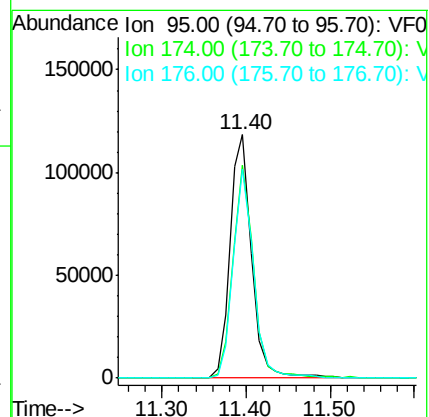
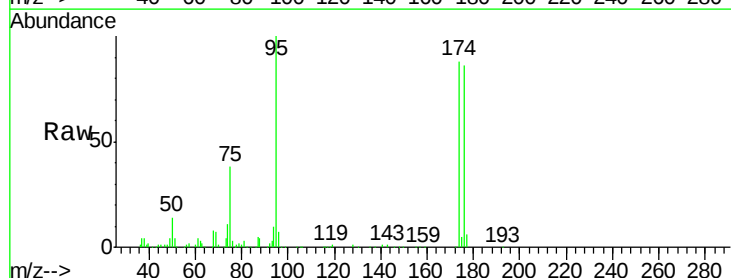
Tgt Ion: 95 Resp: 209516

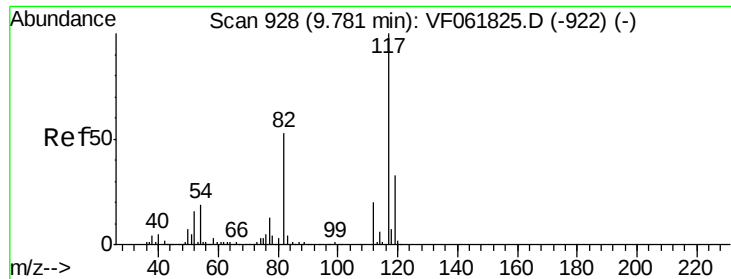
Ion Ratio Lower Upper

95 100

174 87.6 0.0 174.0

176 86.0 0.0 175.2

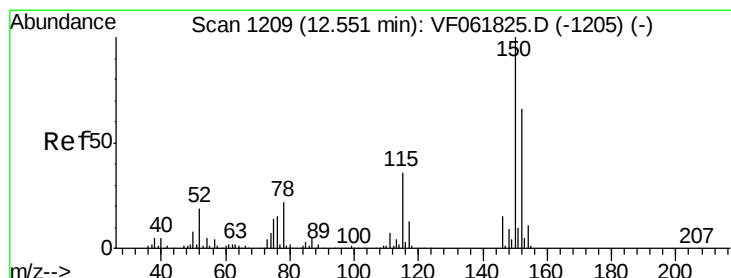
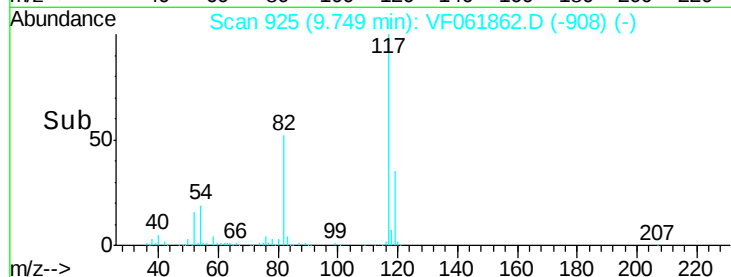
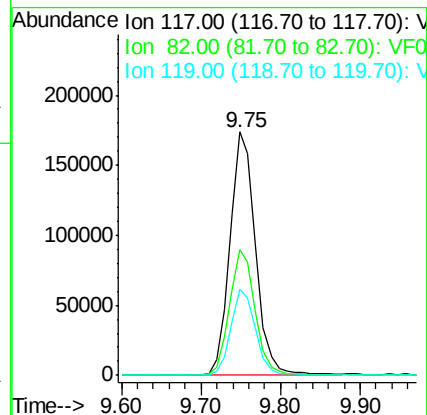
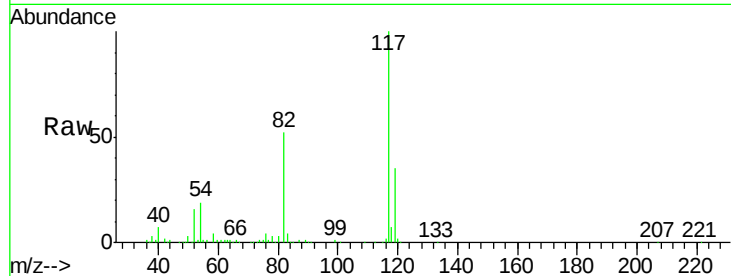




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061862.D
Acq: 8 Mar 2019 14:43

Instrument :
MSVOA_F
ClientSampleId :
VF0308SBL01

Tot Ion:117 Resp: 394973
Ion Ratio Lower Upper
117 100
82 51.6 42.6 63.8
119 35.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF061862.D
Acq: 8 Mar 2019 14:43

Tgt Ion:152 Resp: 234512
Ion Ratio Lower Upper
152 100
115 48.8 27.7 83.1
150 148.5 0.0 304.2

