

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030519\
 Data File : VF061844.D
 Acq On : 5 Mar 2019 14:28
 Operator : VA/AP
 Sample : VF0305SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0305SBL01

Quant Time: Mar 06 05:57:17 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	319368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	498002	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	403478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	251674	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	139447	59.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.92%	
35) Dibromofluoromethane	4.11	113	192952	55.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.04%	
50) Toluene-d8	7.56	98	519291	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.41	95	223065	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	

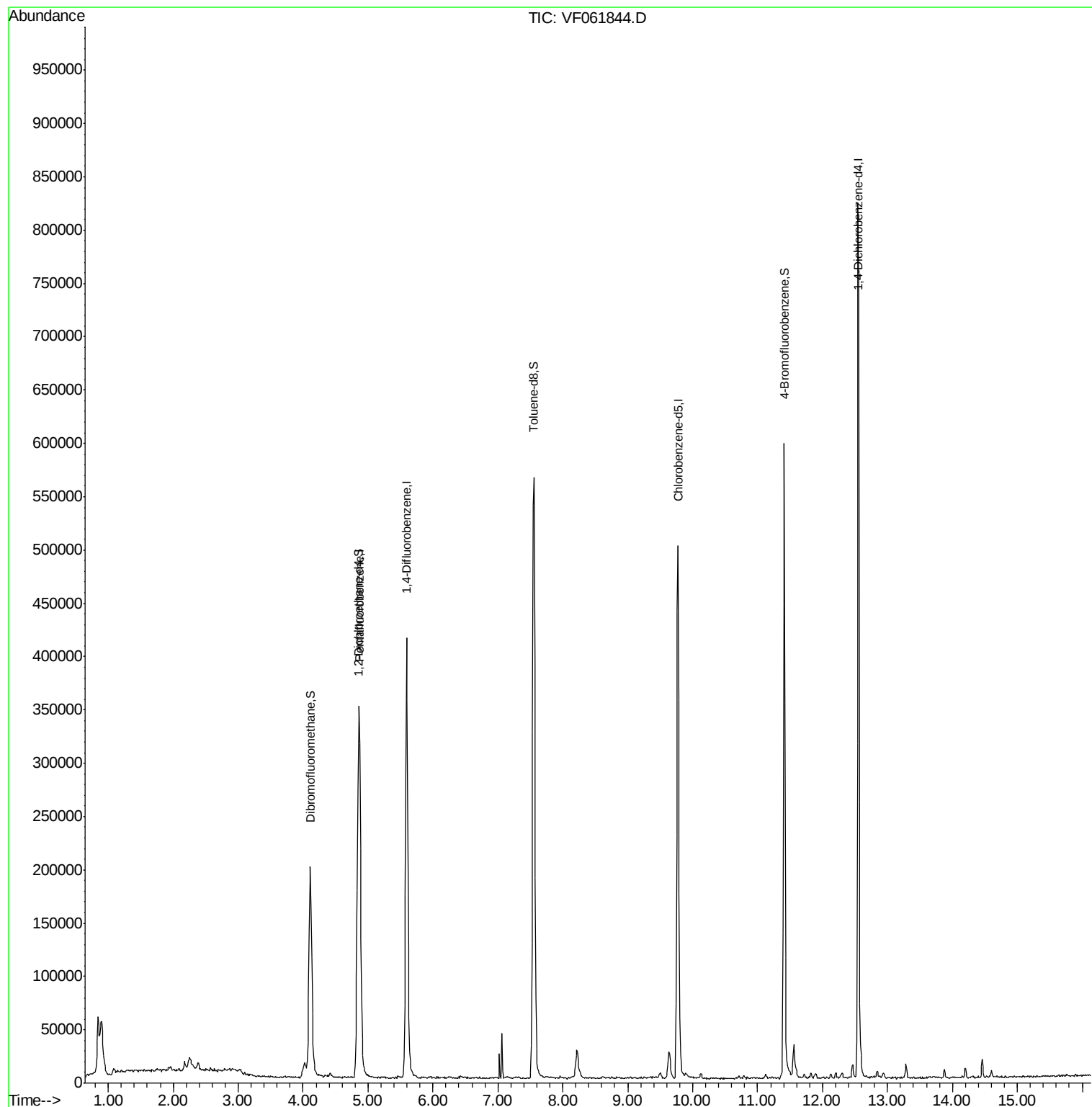
Target Compounds	Qvalue

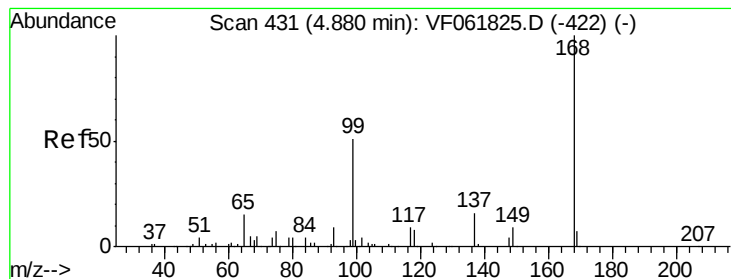
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 05 04:50:44 2019
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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: VF061844.D

Acq: 5 Mar 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

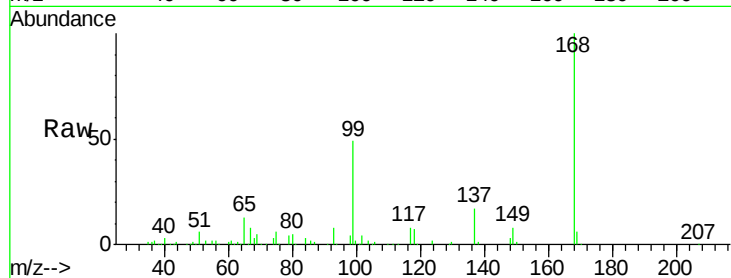
VF0305SBL01

Tot Ion:168 Resp: 319368

Ion Ratio Lower Upper

168 100

99 49.3 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

120000

100000

80000

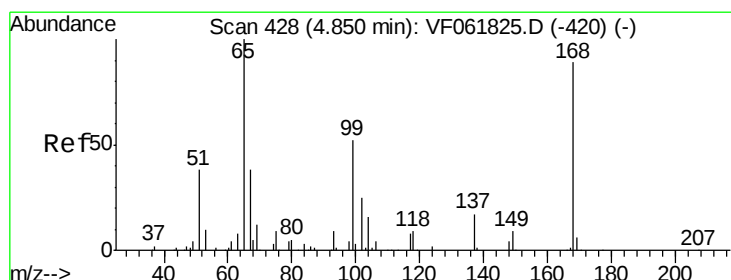
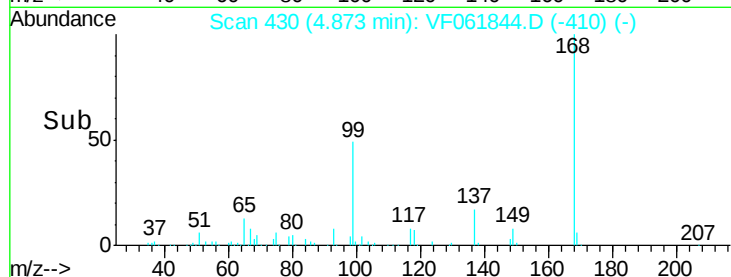
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 59.957 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF061844.D

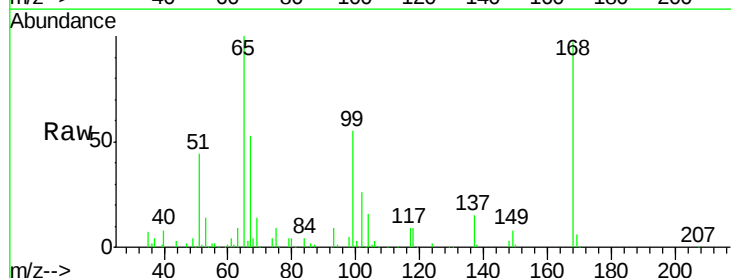
Acq: 5 Mar 2019 14:28

Tgt Ion: 65 Resp: 139447

Ion Ratio Lower Upper

65 100

67 52.6 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.84

50000

40000

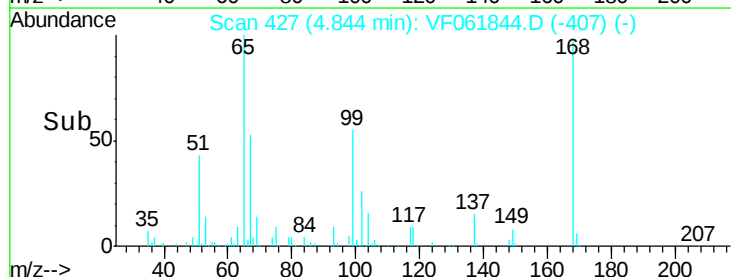
30000

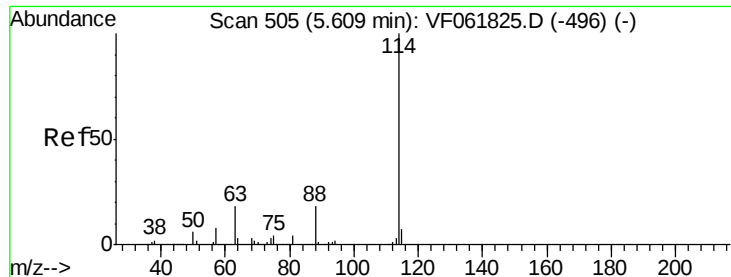
20000

10000

0

Time-->

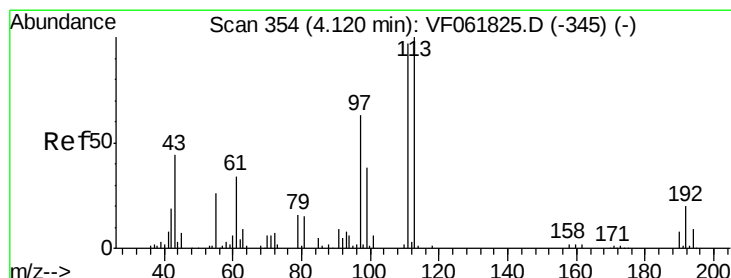
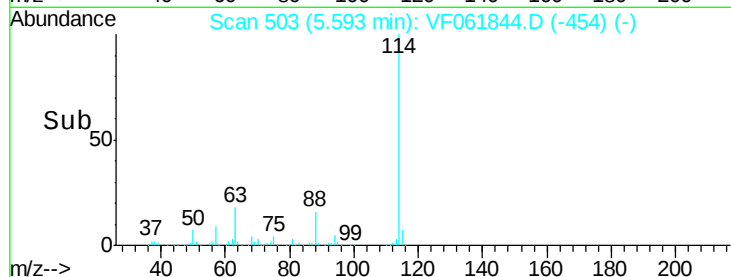
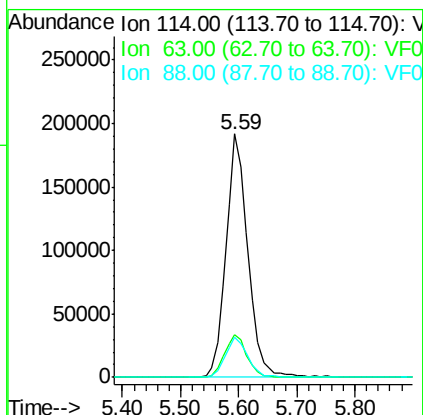
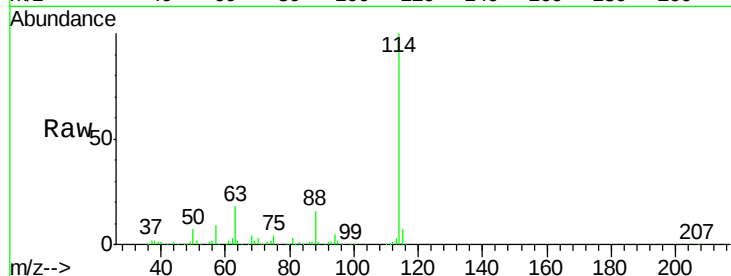




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VF061844.D
 Acq: 5 Mar 2019 14:28

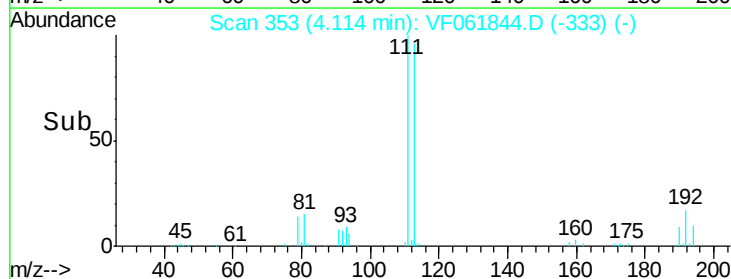
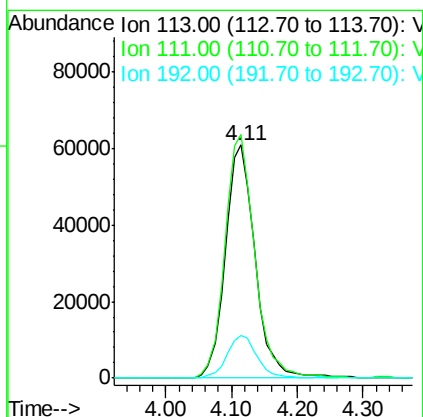
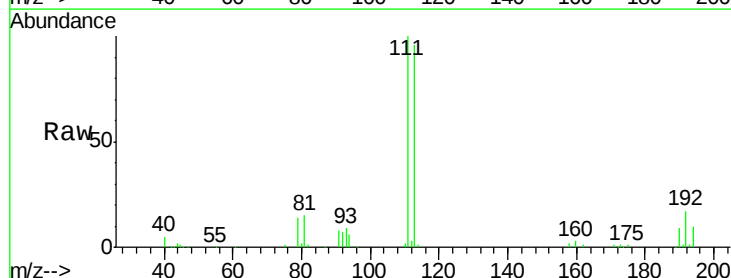
Instrument :
 MSVOA_F
 ClientSampleId :
 VF0305SBL01

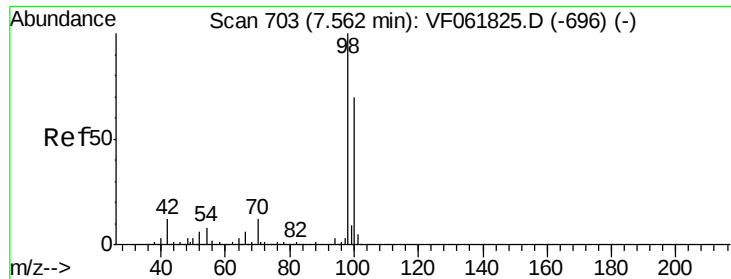
Tot Ion:114 Resp: 498002
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.6
 88 16.4 0.0 35.6



#35
 Dibromofluoromethane
 Concen: 55.519 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VF061844.D
 Acq: 5 Mar 2019 14:28

Tgt Ion:113 Resp: 192952
 Ion Ratio Lower Upper
 113 100
 111 104.5 77.6 116.4
 192 18.3 15.9 23.9





#50

Toluene-d8

Concen: 50.270 ug/l

RT: 7.56 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061844.D

Acq: 5 Mar 2019 14:28

Instrument :

MSVOA_F

ClientSampleId :

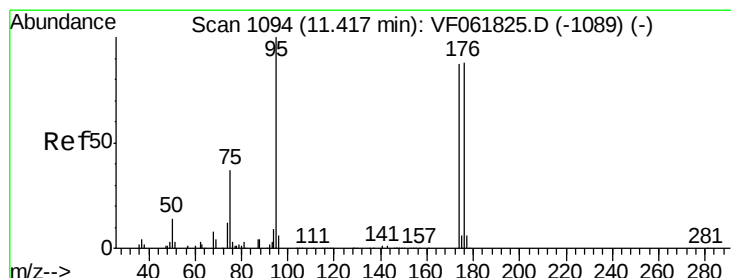
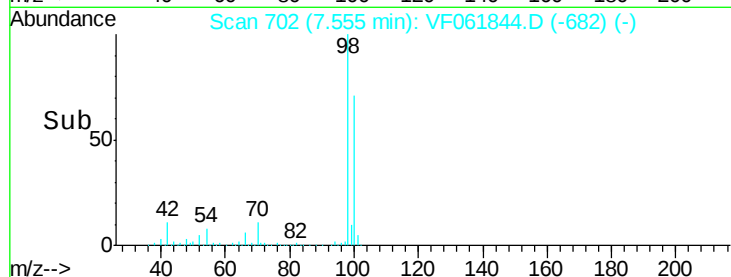
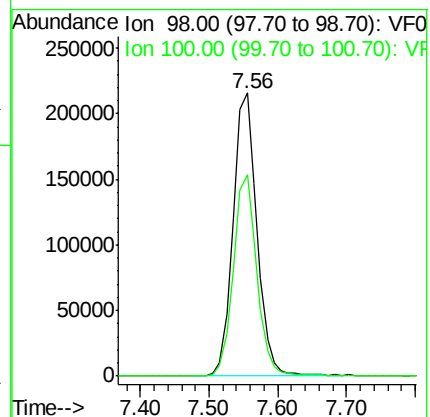
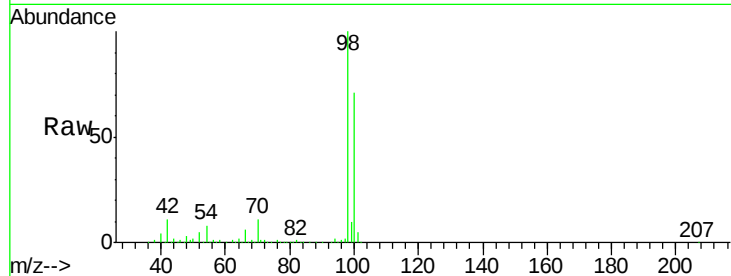
VF0305SBL01

Tot Ion: 98 Resp: 519291

Ion Ratio Lower Upper

98 100

100 71.0 56.0 84.0



#62

4-Bromofluorobenzene

Concen: 55.126 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061844.D

Acq: 5 Mar 2019 14:28

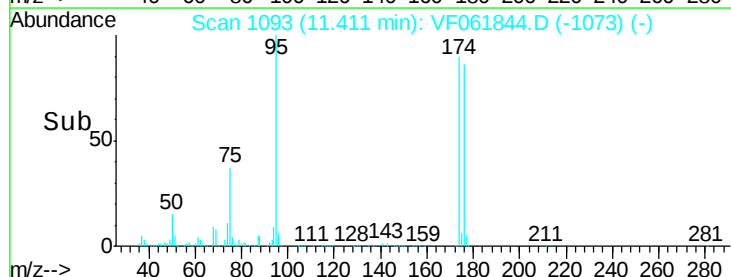
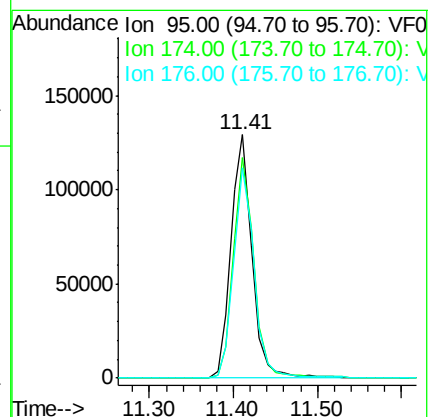
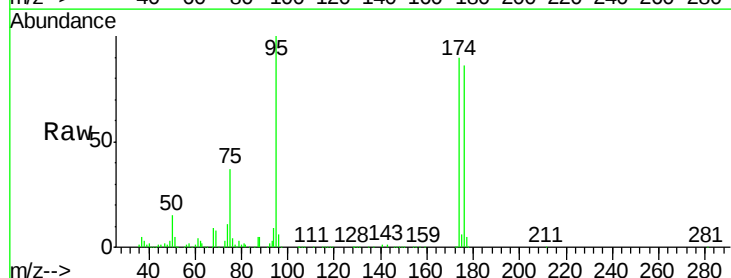
Tgt Ion: 95 Resp: 223065

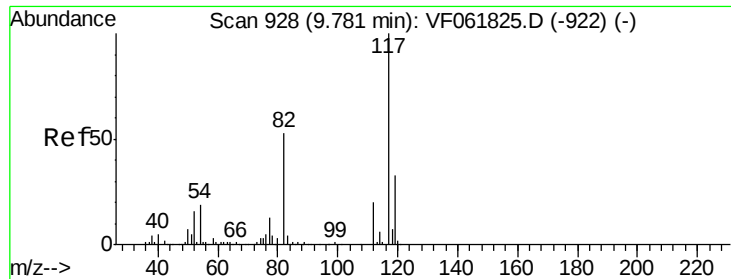
Ion Ratio Lower Upper

95 100

174 90.4 0.0 174.0

176 86.5 0.0 175.2

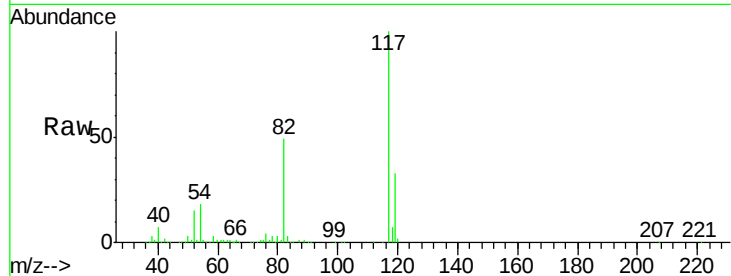




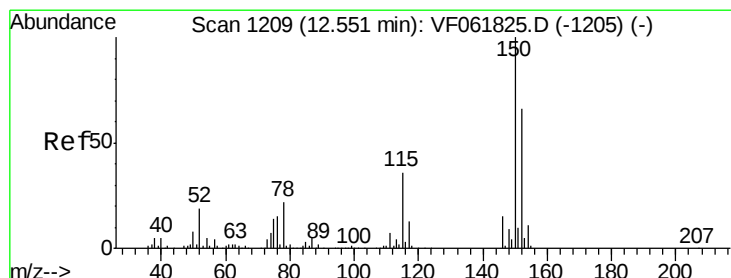
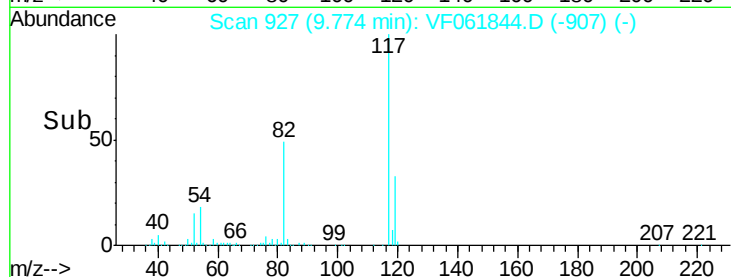
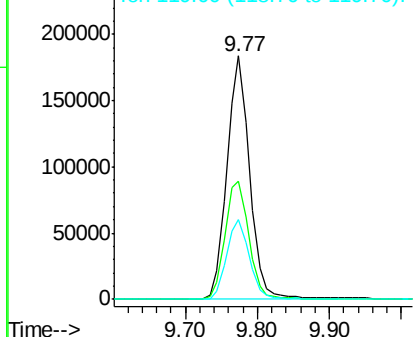
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Instrument :
MSVOA_F
ClientSampleId :
VF0305SBL01

Tot Ion:117 Resp: 403478
Ion Ratio Lower Upper
117 100
82 48.6 42.6 63.8
119 32.8 26.0 39.0

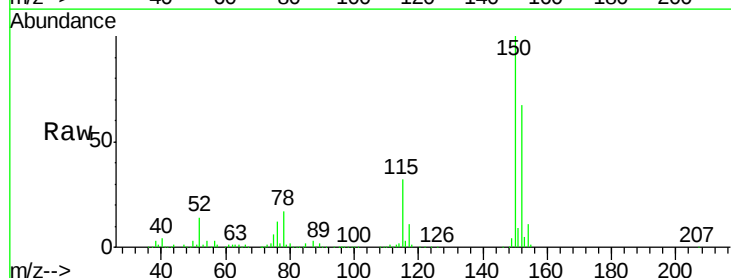


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061844.D
Acq: 5 Mar 2019 14:28

Tgt Ion:152 Resp: 251674
Ion Ratio Lower Upper
152 100
115 48.2 27.7 83.1
150 149.9 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

