

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
 Data File : VF061044.D
 Acq On : 17 Dec 2018 16:57
 Operator : VA/AP
 Sample : J6319-11RE
 Misc : 3.83g/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 065_SW-W-1RE

Quant Time: Dec 18 03:46:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	13528	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	17671	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	10625	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	3471	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	2496	15.66	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	31.32%	
35) Dibromofluoromethane	4.13	113	3876	27.65	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	55.30%	
50) Toluene-d8	7.57	98	12217	29.58	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	59.16%	
62) 4-Bromofluorobenzene	11.43	95	4923	26.23	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	52.46%	

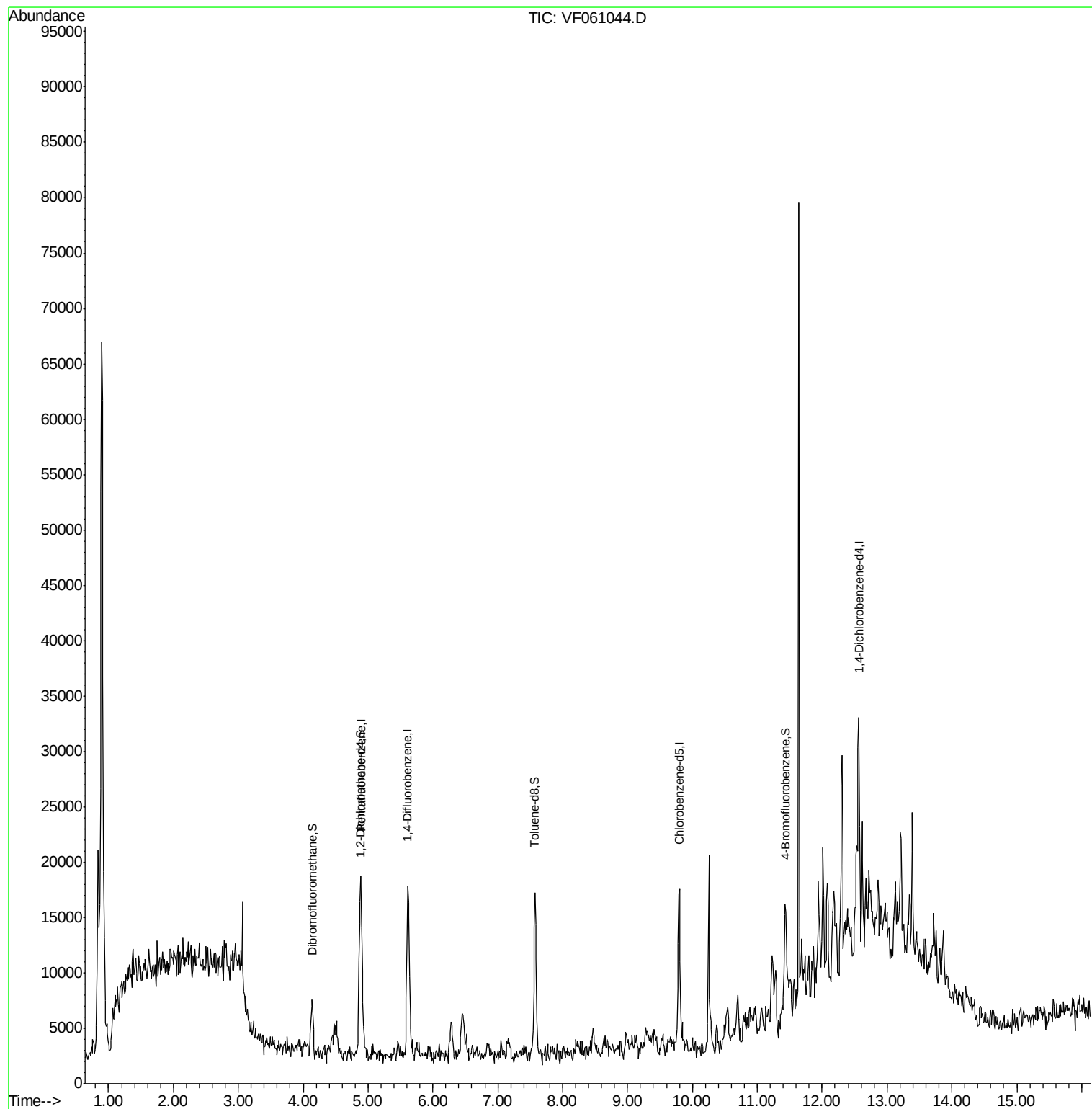
Target Compounds	Qvalue

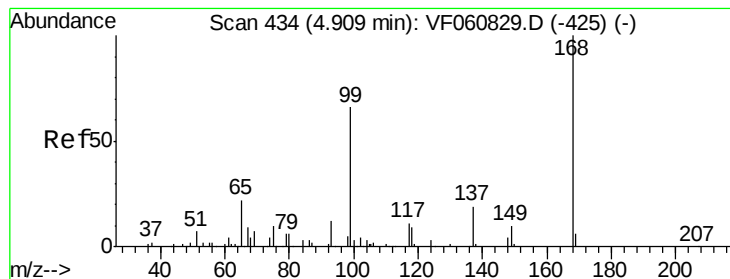
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF061044.D

Acq: 17 Dec 2018 16:57

Instrument :

MSVOA_F

ClientSampleId :

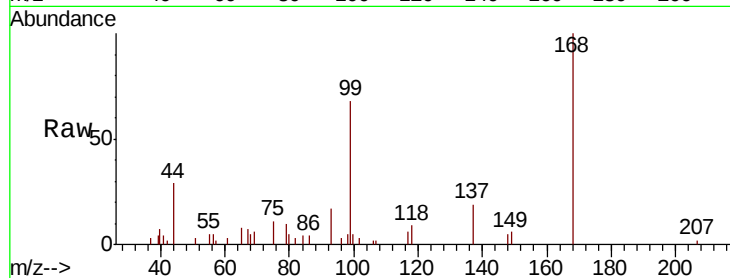
065_SW-W-1RE

Tot Ion:168 Resp: 13528

Ion Ratio Lower Upper

168 100

99 67.6 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

5000

4000

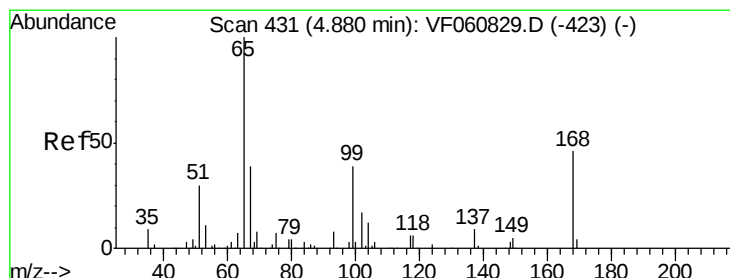
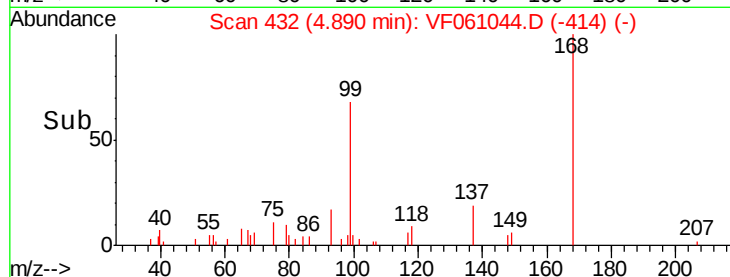
3000

2000

1000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 15.662 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061044.D

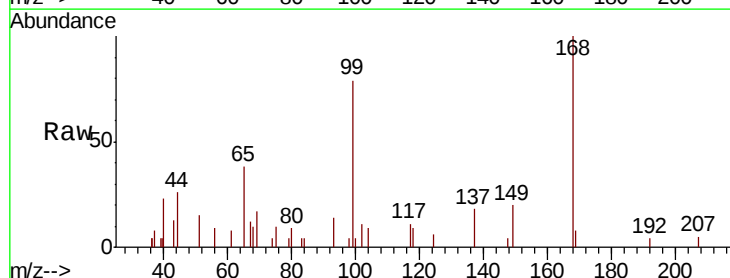
Acq: 17 Dec 2018 16:57

Tgt Ion: 65 Resp: 2496

Ion Ratio Lower Upper

65 100

67 32.1 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

1200

1000

800

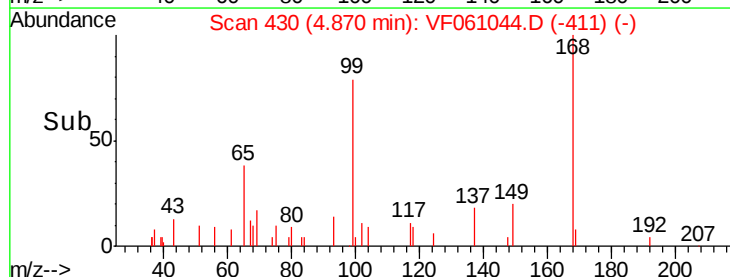
600

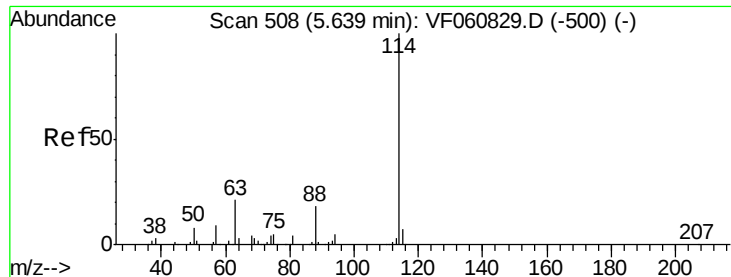
400

200

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. -0.02 min

Lab File: VF061044.D

Acq: 17 Dec 2018 16:57

Instrument :

MSVOA_F

ClientSampleId :

065_SW-W-1RE

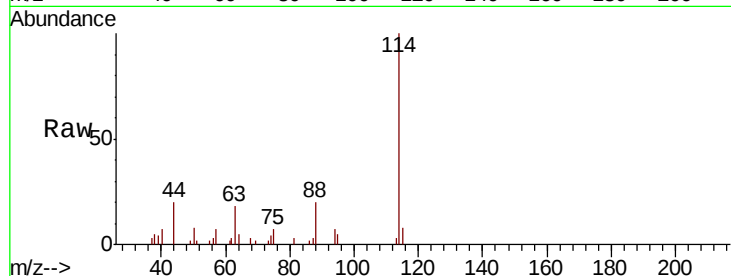
Tot Ion:114 Resp: 17671

Ion Ratio Lower Upper

114 100

63 18.2 0.0 41.6

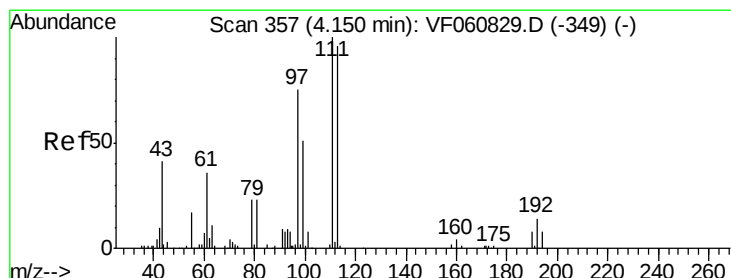
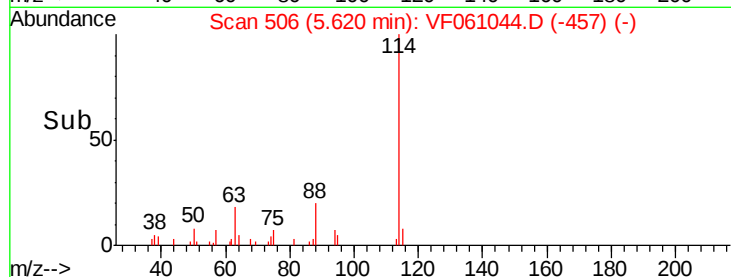
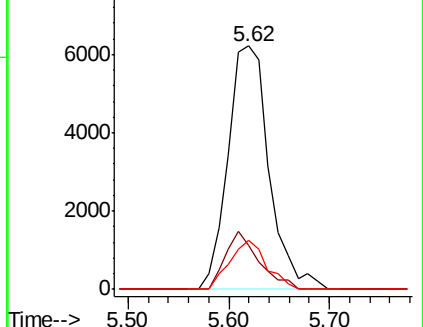
88 20.3 0.0 36.6



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: 27.648 ug/l

RT: 4.13 min Scan# 355

Delta R.T. -0.02 min

Lab File: VF061044.D

Acq: 17 Dec 2018 16:57

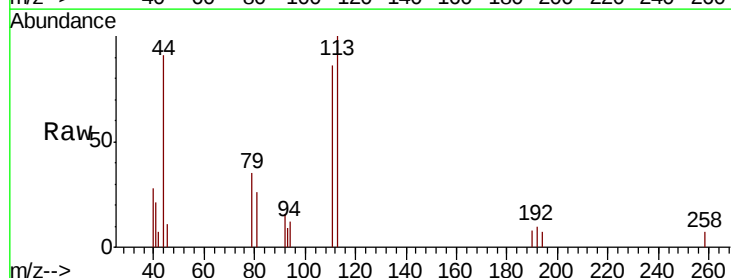
Tgt Ion:113 Resp: 3876

Ion Ratio Lower Upper

113 100

111 85.7 83.0 124.6

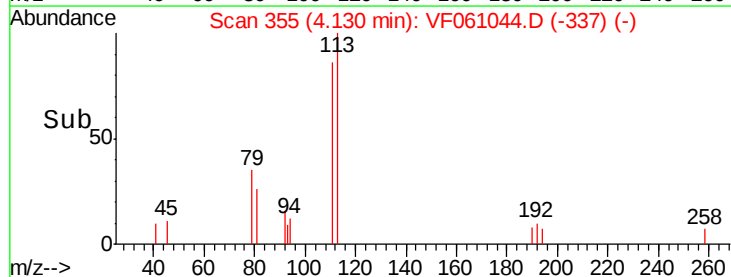
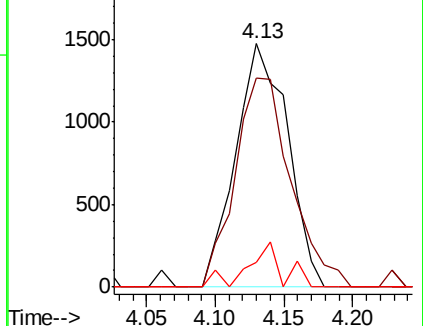
192 10.3 12.3 18.5#

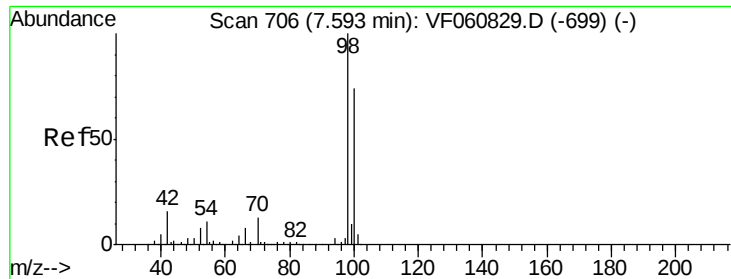


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 29.584 ug/l

RT: 7.57 min Scan# 704

Delta R.T. -0.02 min

Lab File: VF061044.D

Acq: 17 Dec 2018 16:57

Instrument :

MSVOA_F

ClientSampleId :

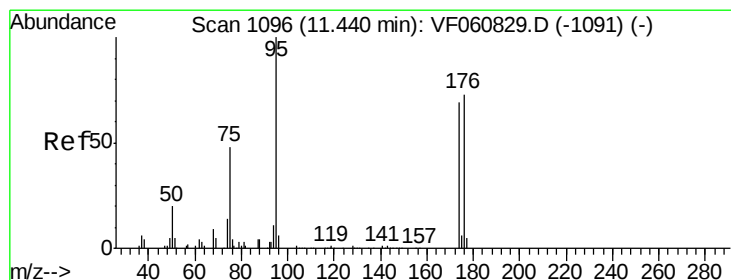
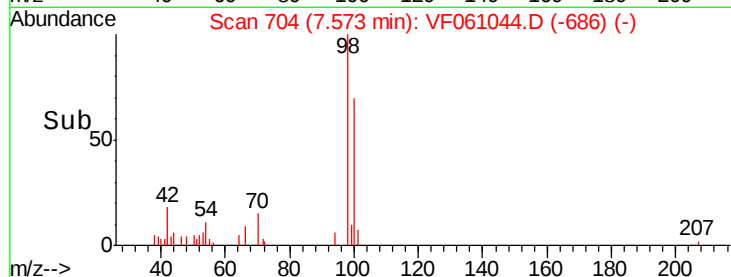
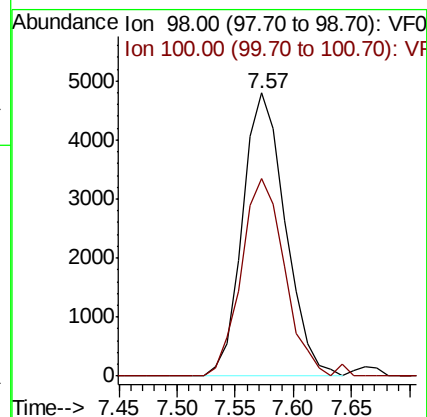
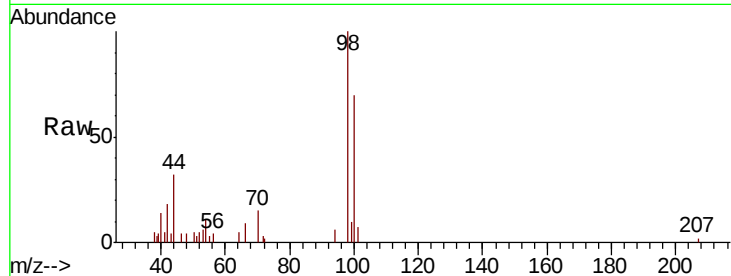
065_SW-W-1RE

Tot Ion: 98 Resp: 12217

Ion Ratio Lower Upper

98 100

100 69.8 59.3 88.9



#62

4-Bromofluorobenzene

Concen: 26.231 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VF061044.D

Acq: 17 Dec 2018 16:57

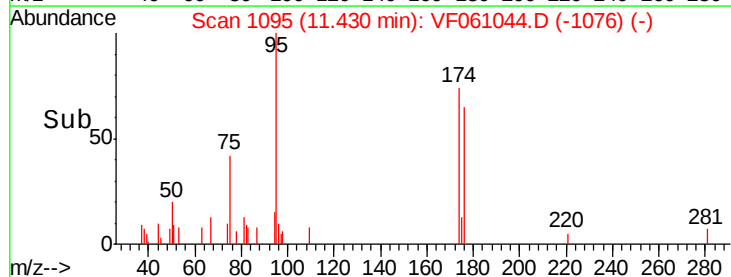
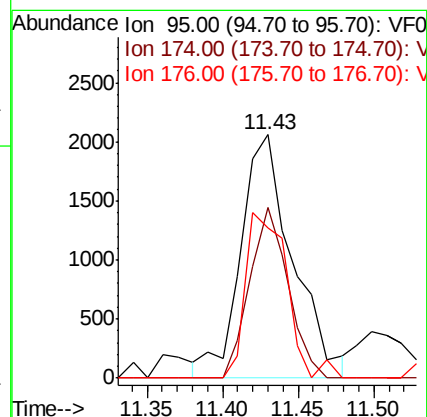
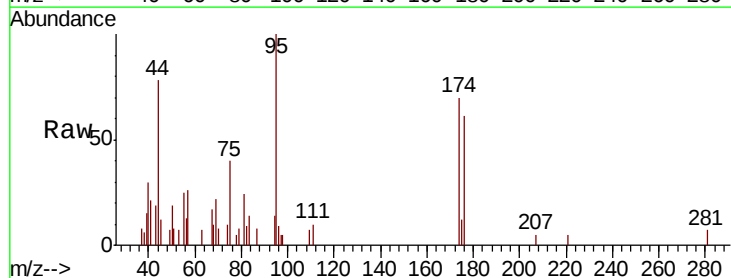
Tgt Ion: 95 Resp: 4923

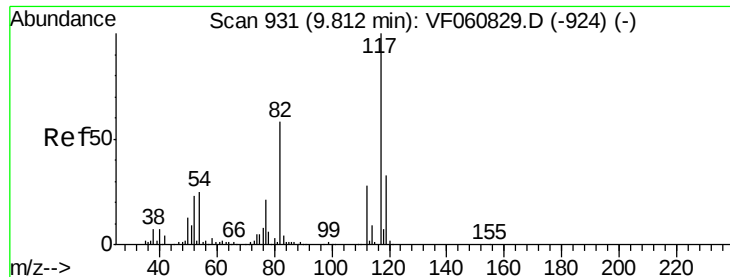
Ion Ratio Lower Upper

95 100

174 70.0 0.0 138.2

176 61.5 0.0 146.2

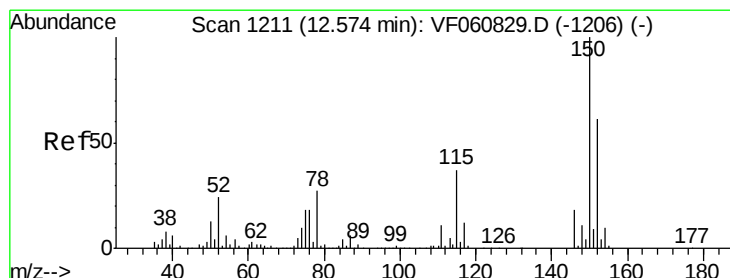
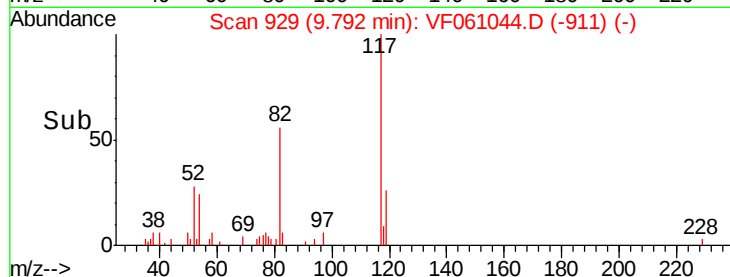
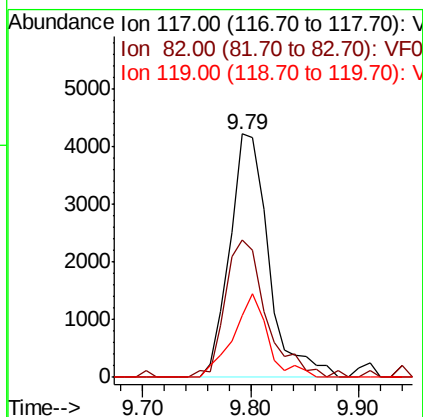
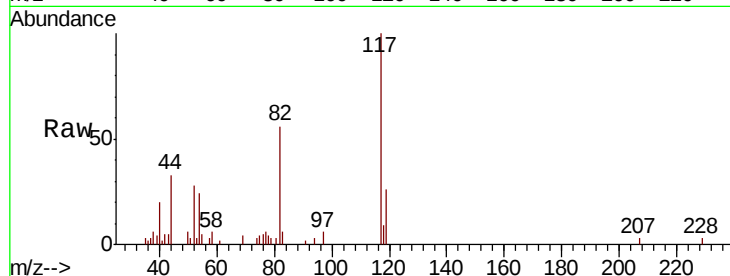




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF061044.D
Acq: 17 Dec 2018 16:57

Instrument :
MSVOA_F
ClientSampleId :
065_SW-W-1RE

Tot Ion:117 Resp: 10625
Ion Ratio Lower Upper
117 100
82 56.2 46.6 69.8
119 25.6 26.4 39.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF061044.D
Acq: 17 Dec 2018 16:57

Tgt Ion:152 Resp: 3471
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.5
150 121.5 0.0 327.6

