

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
 Data File : VF061043.D
 Acq On : 17 Dec 2018 16:29
 Operator : VA/AP
 Sample : J6319-08RE
 Misc : 3.80µ/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 062_SW-S-1RE

Quant Time: Dec 18 03:42:32 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	56343	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	89184	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	71395	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	36241	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	18963	28.57	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	57.14%	
35) Dibromofluoromethane	4.13	113	23692	33.49	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	66.98%	
50) Toluene-d8	7.57	98	68055	32.65	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	65.30%	
62) 4-Bromofluorobenzene	11.43	95	28455	30.04	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	60.08%	

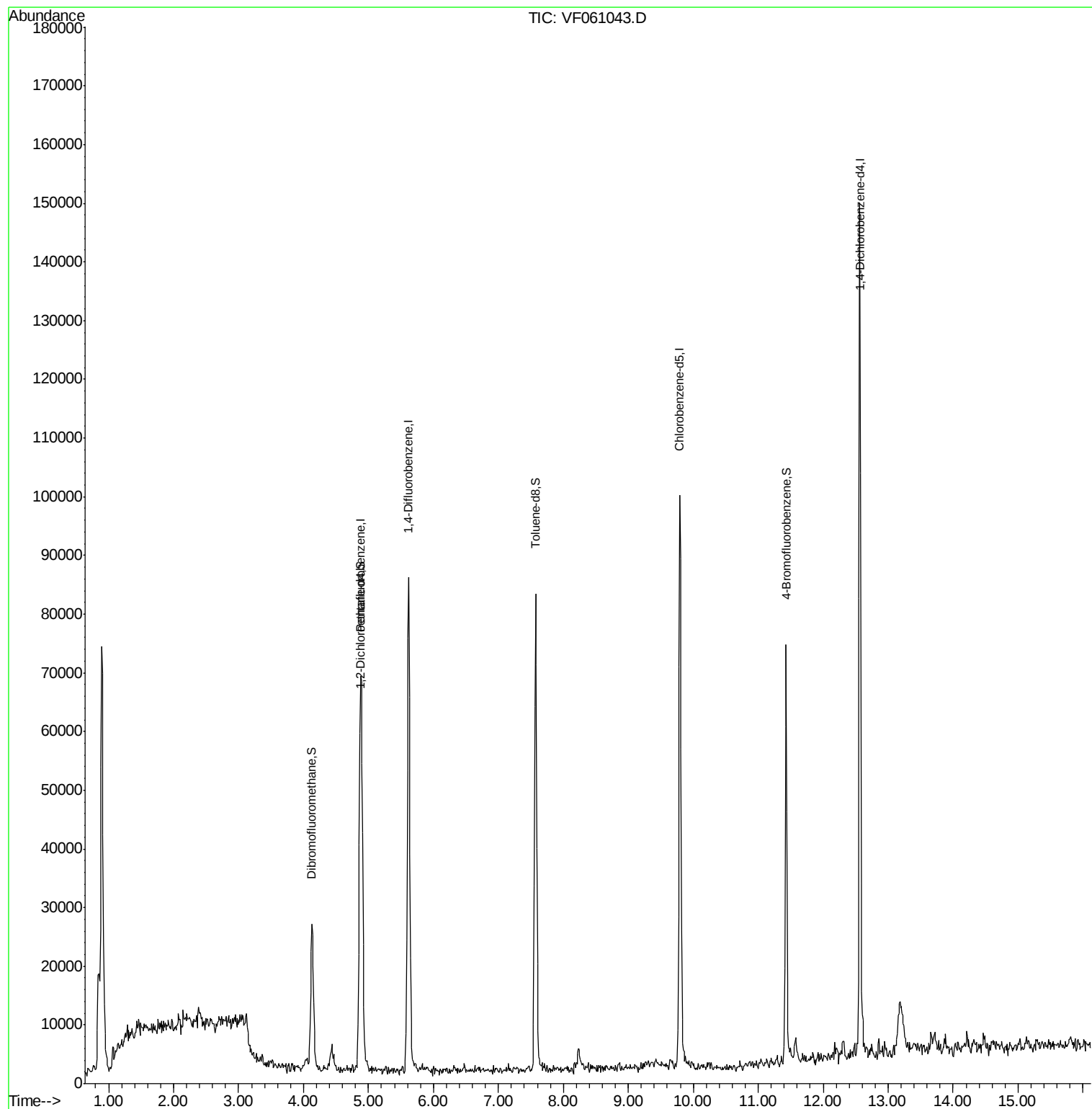
Target Compounds	Qvalue

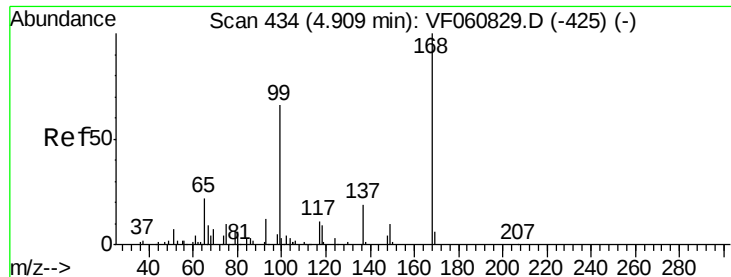
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
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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: VF061043.D

Acq: 17 Dec 2018 16:29

Instrument :

MSVOA_F

ClientSampleId :

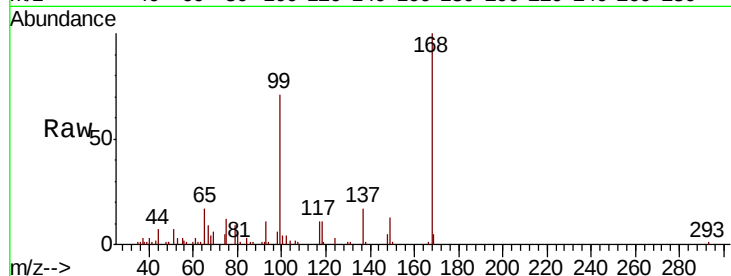
062_SW-S-1RE

Tot Ion:168 Resp: 56343

Ion Ratio Lower Upper

168 100

99 71.3 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

20000

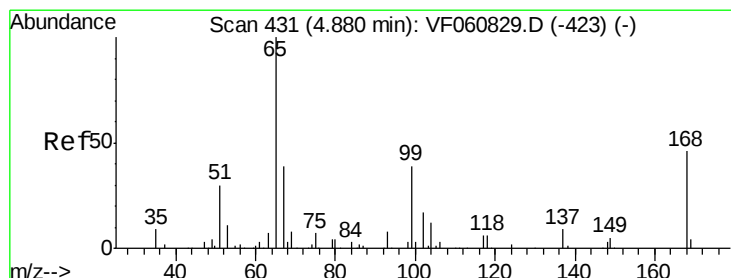
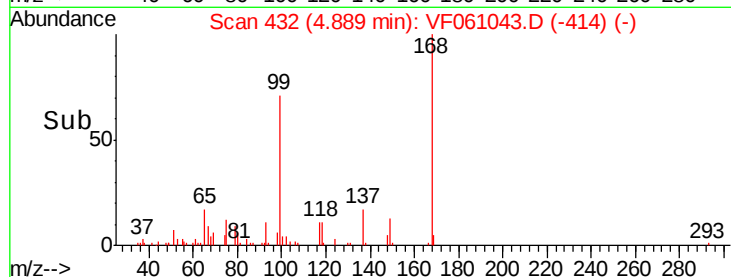
15000

10000

5000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 28.570 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061043.D

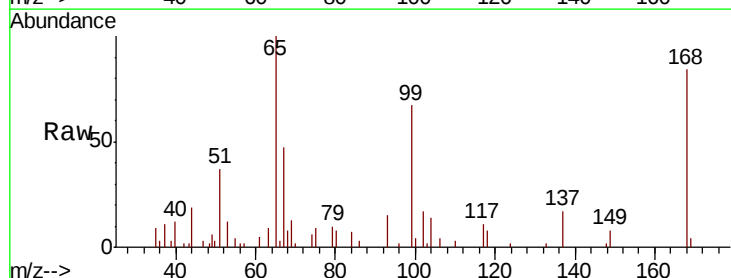
Acq: 17 Dec 2018 16:29

Tgt Ion: 65 Resp: 18963

Ion Ratio Lower Upper

65 100

67 46.9 0.0 96.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

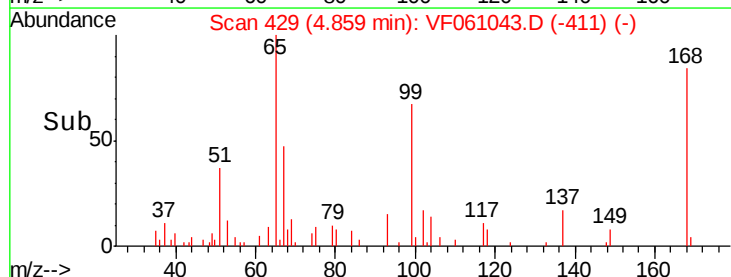
6000

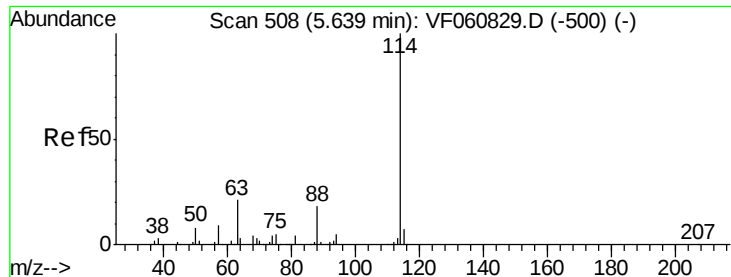
4000

2000

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: VF061043.D

Acq: 17 Dec 2018 16:29

Instrument :

MSVOA_F

ClientSampleId :

062_SW-S-1RE

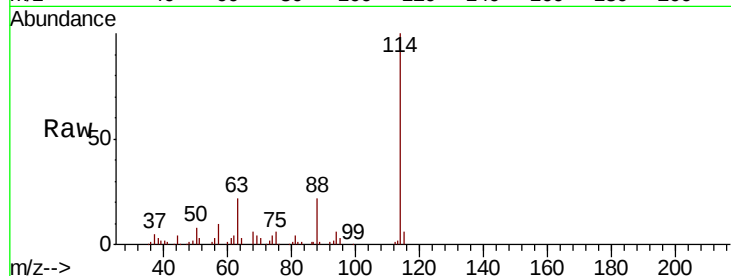
Tot Ion:114 Resp: 89184

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.6

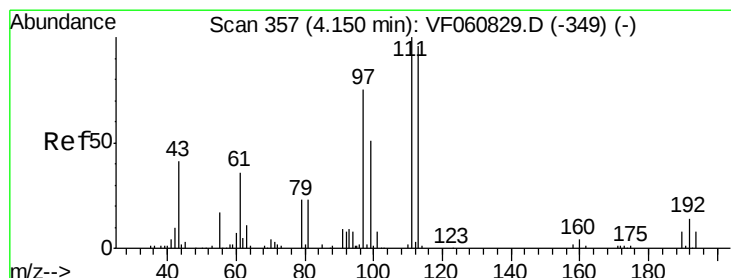
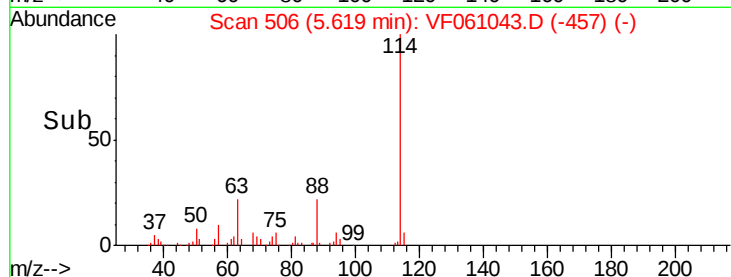
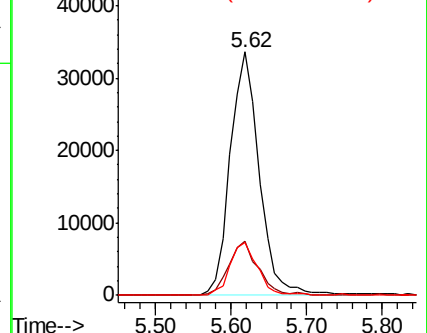
88 21.5 0.0 36.6



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: 33.486 ug/l

RT: 4.13 min Scan# 355

Delta R.T. -0.02 min

Lab File: VF061043.D

Acq: 17 Dec 2018 16:29

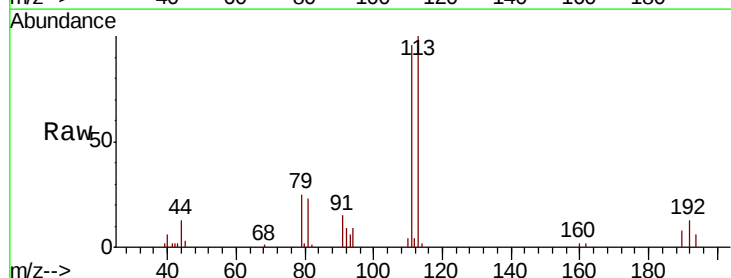
Tgt Ion:113 Resp: 23692

Ion Ratio Lower Upper

113 100

111 95.7 83.0 124.6

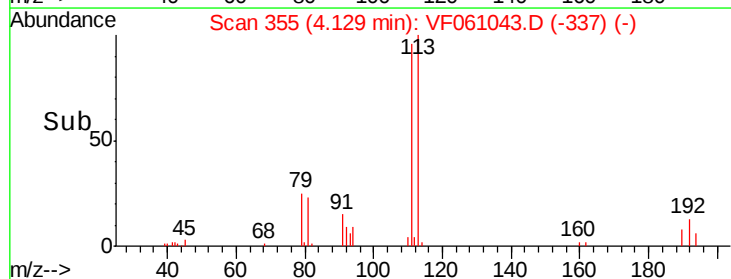
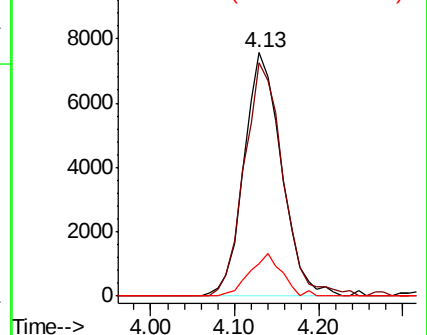
192 13.4 12.3 18.5

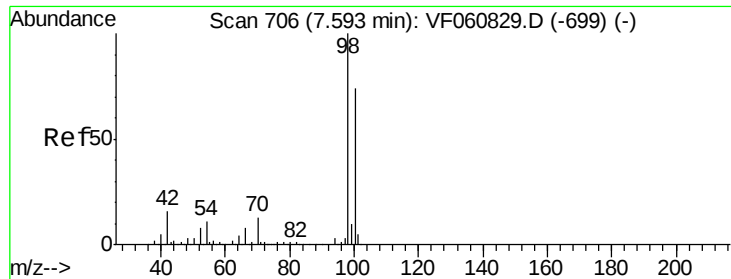


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 32.654 ug/l

RT: 7.57 min Scan# 704

Delta R.T. -0.02 min

Lab File: VF061043.D

Acq: 17 Dec 2018 16:29

Instrument :

MSVOA_F

ClientSampleId :

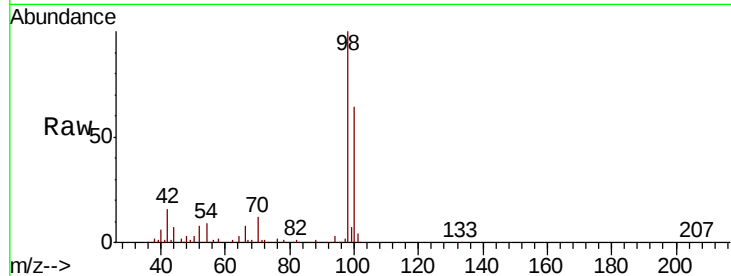
062_SW-S-1RE

Tot Ion: 98 Resp: 68055

Ion Ratio Lower Upper

98 100

100 63.5 59.3 88.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

30000

20000

10000

0

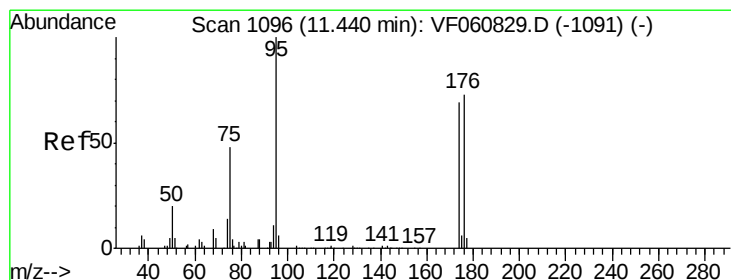
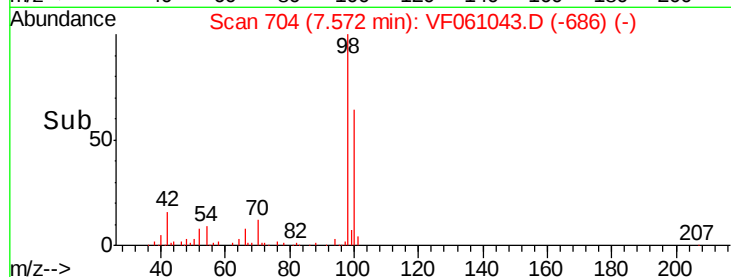
7.57

7.50

7.60

7.70

Time-->



#62

4-Bromofluorobenzene

Concen: 30.041 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VF061043.D

Acq: 17 Dec 2018 16:29

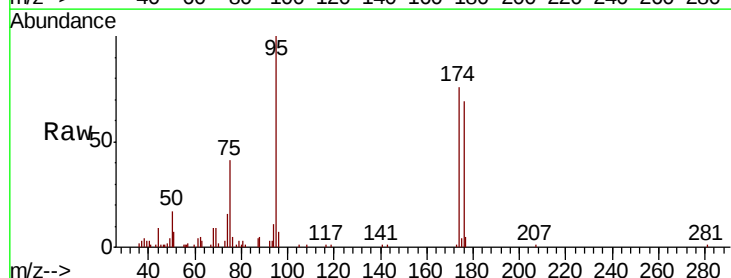
Tgt Ion: 95 Resp: 28455

Ion Ratio Lower Upper

95 100

174 75.8 0.0 138.2

176 68.7 0.0 146.2



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

20000

15000

10000

5000

0

11.43

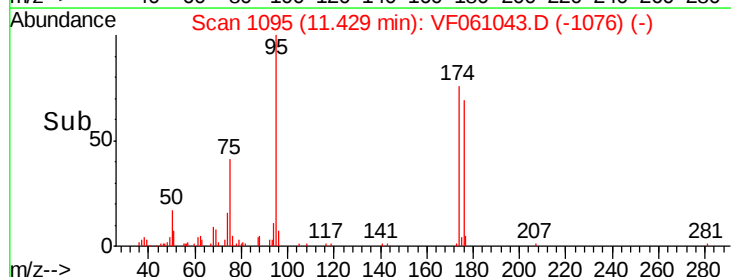
11.30

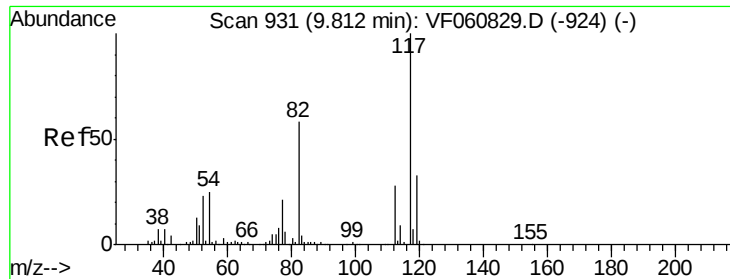
11.40

11.50

11.60

Time-->

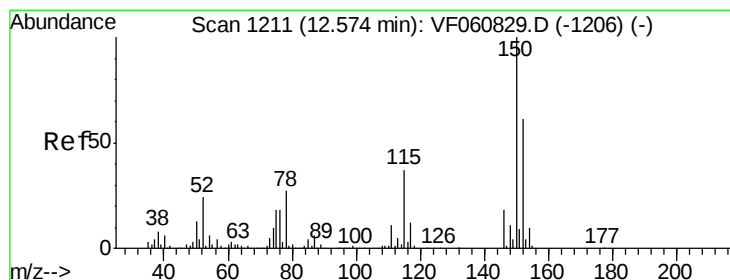
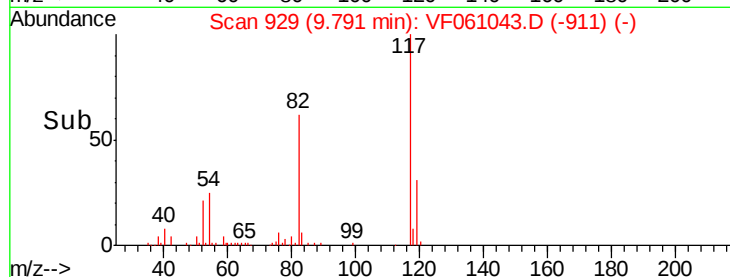
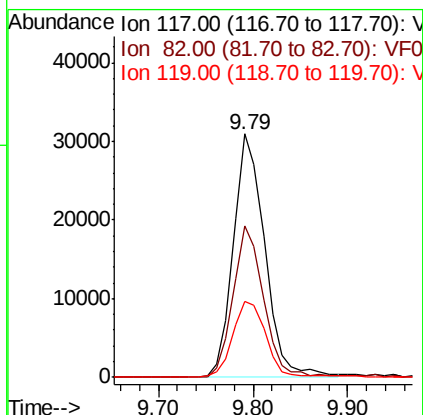
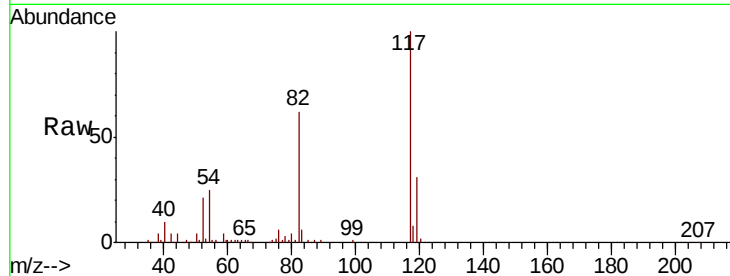




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF061043.D
Acq: 17 Dec 2018 16:29

Instrument :
MSVOA_F
ClientSampleId :
062_SW-S-1RE

Tot Ion:117 Resp: 71395
Ion Ratio Lower Upper
117 100
82 62.3 46.6 69.8
119 31.0 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: VF061043.D
Acq: 17 Dec 2018 16:29

Tgt Ion:152 Resp: 36241
Ion Ratio Lower Upper
152 100
115 61.1 30.1 90.5
150 161.7 0.0 327.6

