

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF121718\
 Data File : VF061047.D
 Acq On : 17 Dec 2018 18:25
 Operator : VA/AP
 Sample : J6353-06RE
 Misc : 5.91g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS003-0002-01RE

Quant Time: Dec 18 03:53:24 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	220311	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	358521	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.79	117	305701	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	170904	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	121293	46.73	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	4.13	113	148659	52.27	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	104.54%	
50) Toluene-d8	7.57	98	379771	45.33	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	90.66%	
62) 4-Bromofluorobenzene	11.43	95	180676	47.45	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.90%	

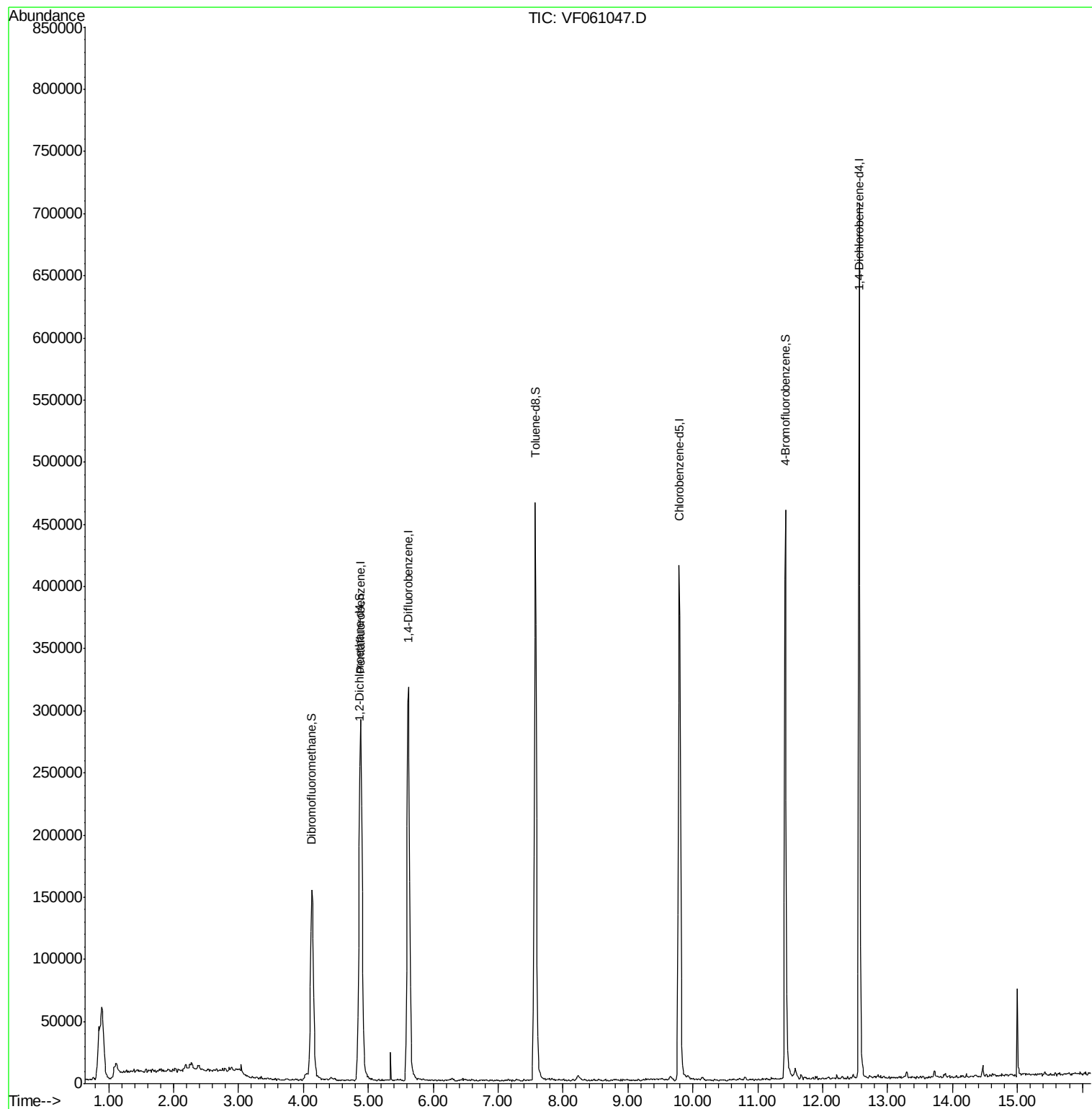
Target Compounds	Qvalue

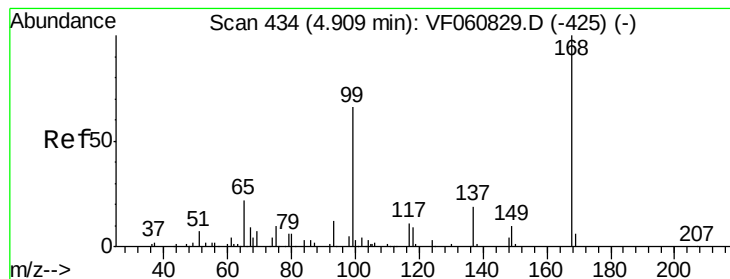
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VF061047.D

Acq: 17 Dec 2018 18:25

Instrument :

MSVOA_F

ClientSampleId :

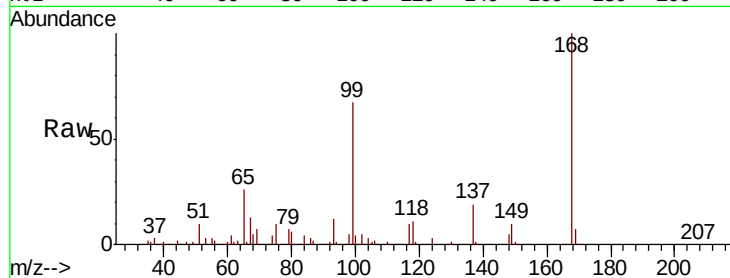
P001-SS003-0002-01RE

Tot Ion:168 Resp: 220311

Ion Ratio Lower Upper

168 100

99 67.1 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

80000

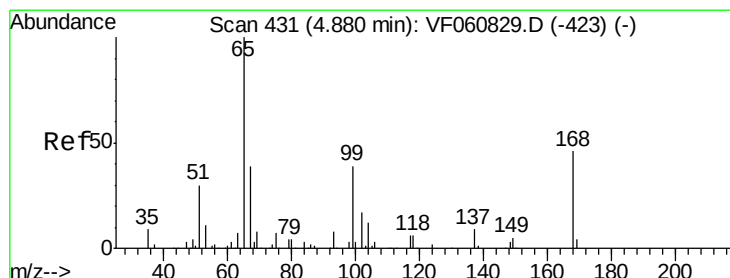
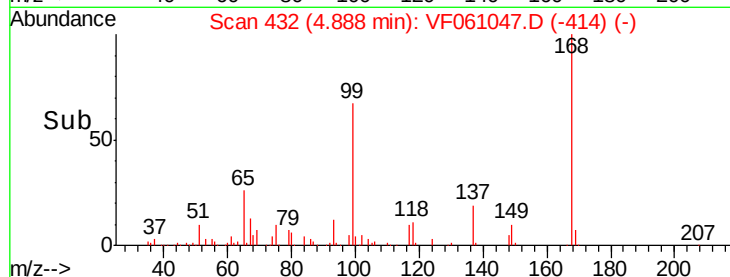
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 46.735 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.02 min

Lab File: VF061047.D

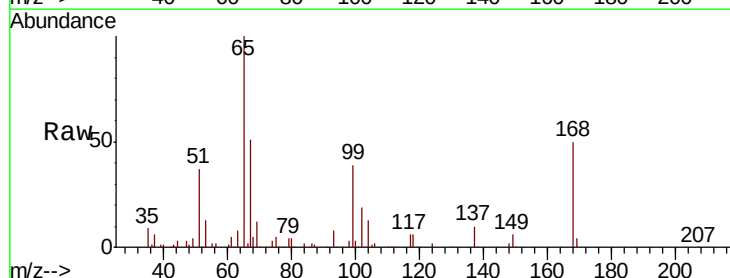
Acq: 17 Dec 2018 18:25

Tgt Ion: 65 Resp: 121293

Ion Ratio Lower Upper

65 100

67 50.6 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

40000

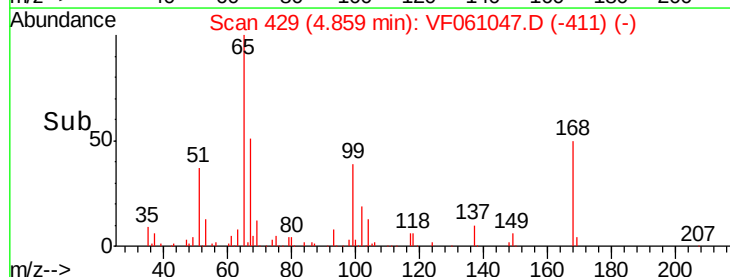
30000

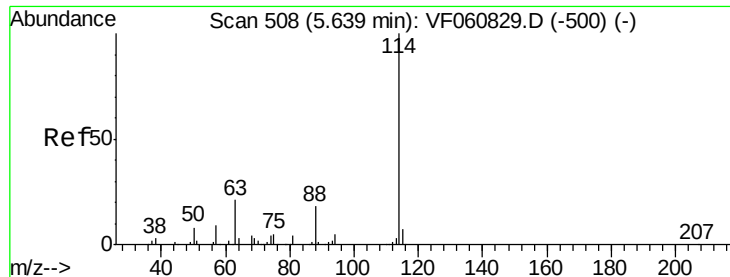
20000

10000

0

Time--> 4.70 4.80 4.90 5.00

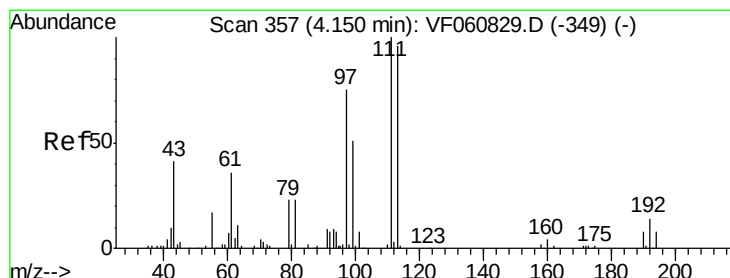
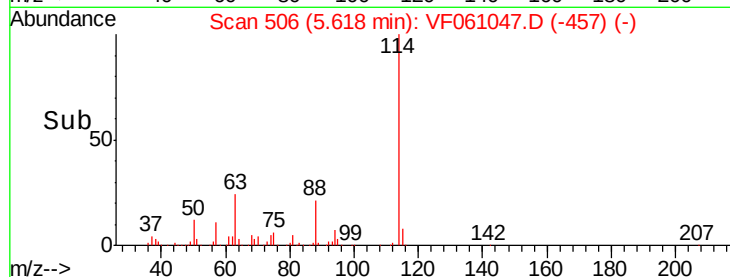
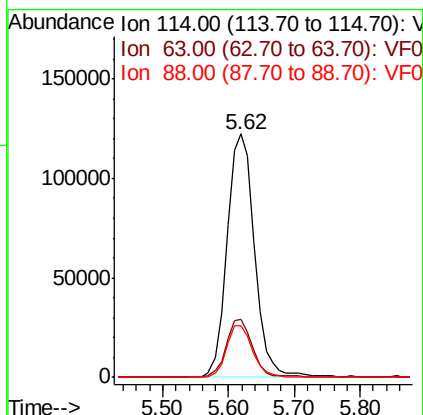
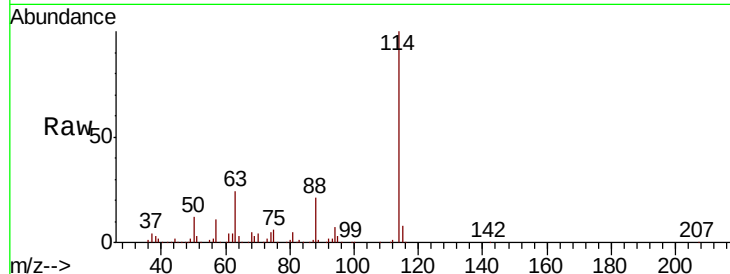




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: VF061047.D
 Acq: 17 Dec 2018 18:25

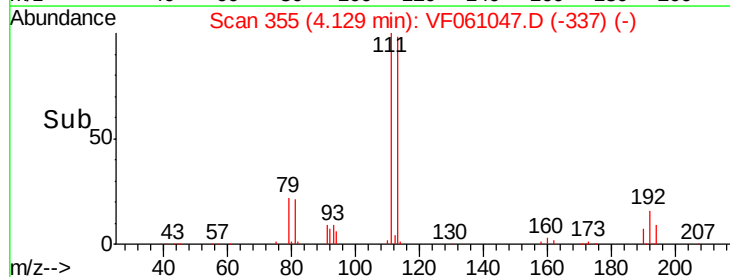
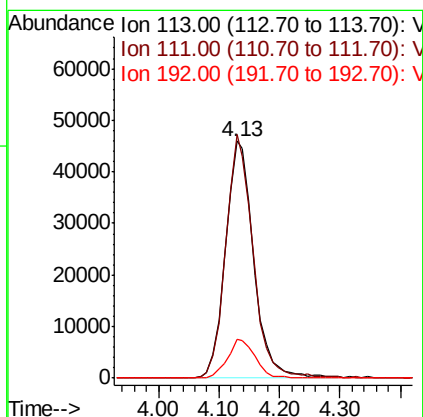
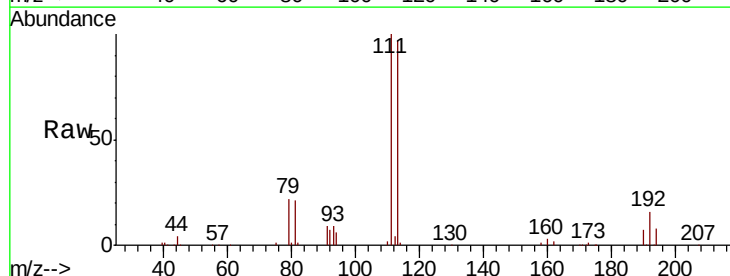
Instrument :
 MSVOA_F
 ClientSampleId :
 P001-SS003-0002-01RE

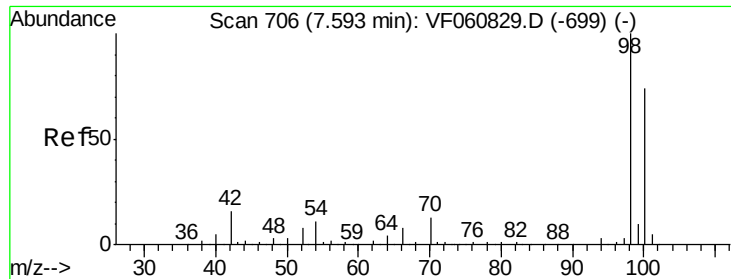
Tot Ion:114	Resp:	358521
Ion Ratio	Lower	Upper
114 100		
63 24.0	0.0	41.6
88 21.3	0.0	36.6



#35
 Dibromofluoromethane
 Concen: 52.267 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. -0.02 min
 Lab File: VF061047.D
 Acq: 17 Dec 2018 18:25

Tgt Ion:113	Resp:	148659
Ion Ratio	Lower	Upper
113 100		
111 102.8	83.0	124.6
192 16.5	12.3	18.5





#50

Toluene-d8

Concen: 45.328 ug/l

RT: 7.57 min Scan# 704

Delta R.T. -0.02 min

Lab File: VF061047.D

Acq: 17 Dec 2018 18:25

Instrument :

MSVOA_F

ClientSampleId :

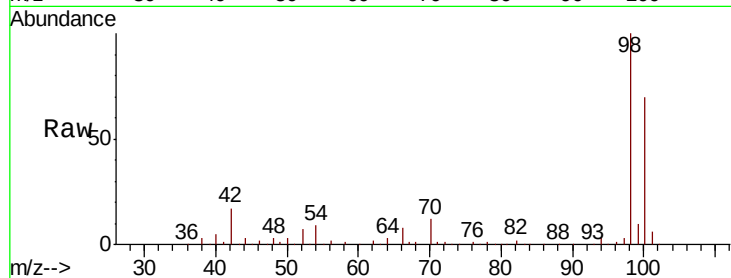
P001-SS003-0002-01RE

Tot Ion: 98 Resp: 379771

Ion Ratio Lower Upper

98 100

100 69.6 59.3 88.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.57

150000

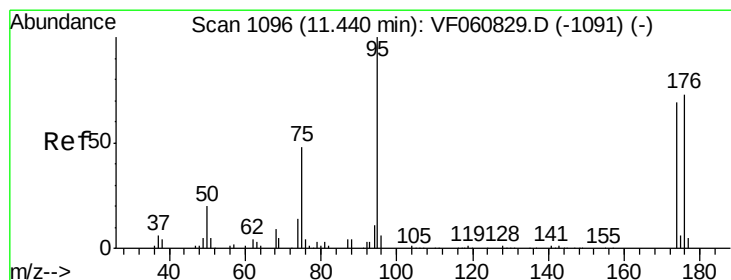
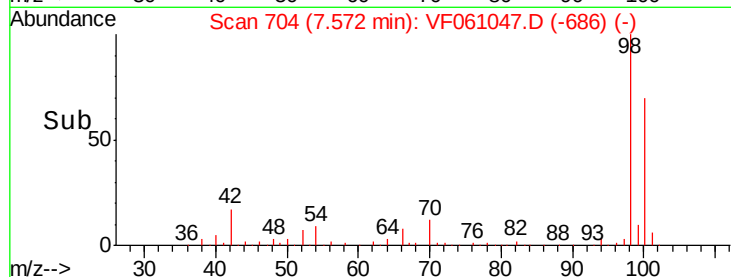
100000

50000

0

Time-->

7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 47.449 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VF061047.D

Acq: 17 Dec 2018 18:25

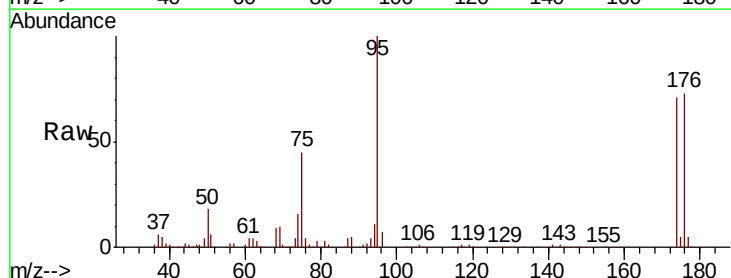
Tgt Ion: 95 Resp: 180676

Ion Ratio Lower Upper

95 100

174 71.3 0.0 138.2

176 72.8 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

11.43

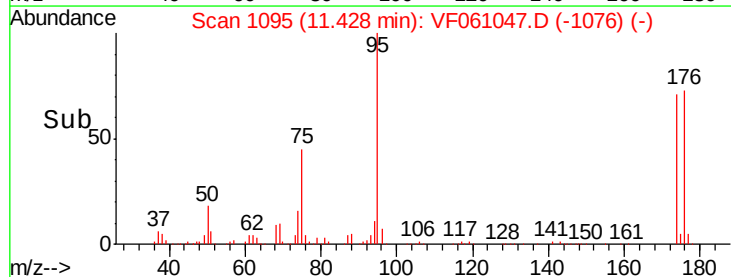
100000

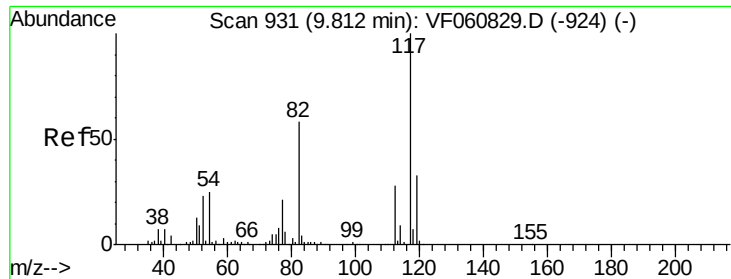
50000

0

Time-->

11.30 11.40 11.50 11.60

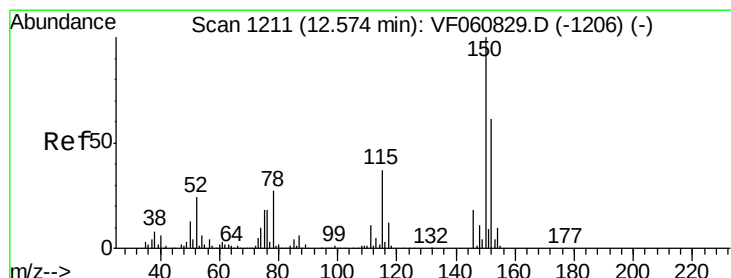
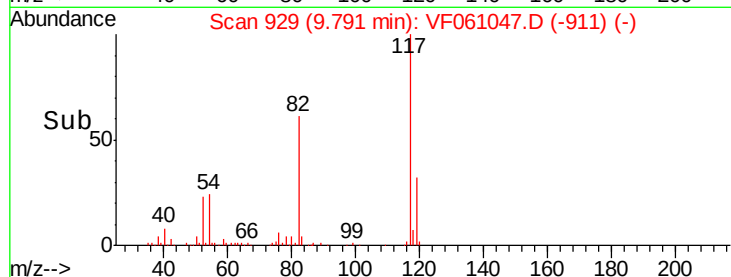
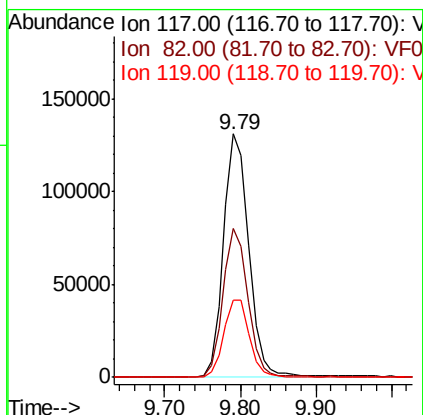
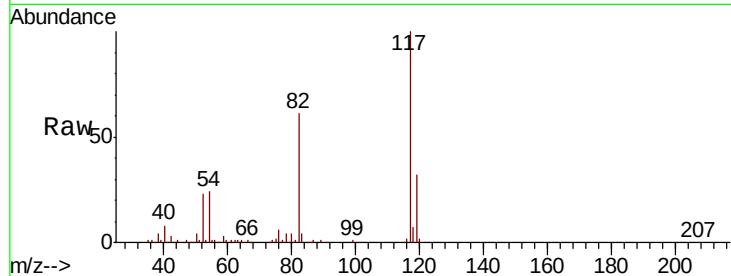




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. -0.02 min
Lab File: VF061047.D
Acq: 17 Dec 2018 18:25

Instrument :
MSVOA_F
ClientSampleId :
P001-SS003-0002-01RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.2	46.6	69.8
119	31.7	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: VF061047.D
Acq: 17 Dec 2018 18:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.1	90.5
150	145.5	0.0	327.6

