

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021519\
 Data File : VF061650.D
 Acq On : 15 Feb 2019 12:16
 Operator : VA/AP
 Sample : VF0215SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0215SBL01

Quant Time: Feb 16 04:02:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	353795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	534805	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	476029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	264413	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	143067	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
35) Dibromofluoromethane	4.13	113	211988	53.38	ug/l	0.01
Spiked Amount	50.000		Recovery	=	106.76%	
50) Toluene-d8	7.58	98	567417	49.70	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.42	95	251894	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	

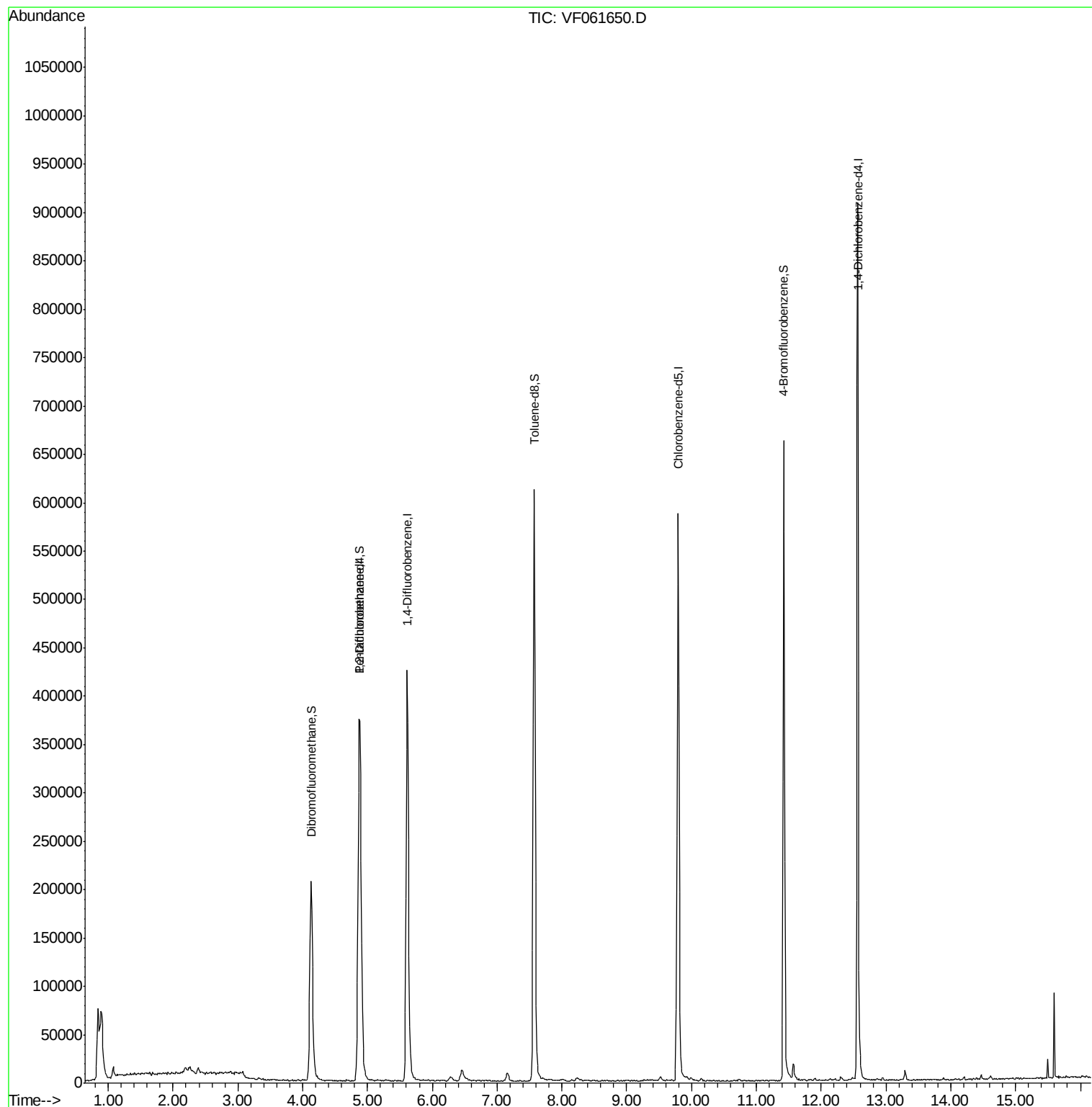
Target Compounds	Qvalue

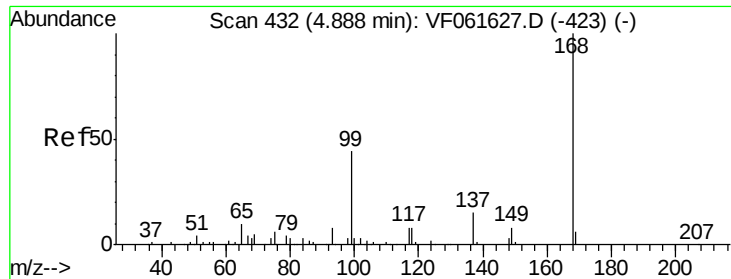
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021519\
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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. -0.00 min

Lab File: VF061650.D

Acq: 15 Feb 2019 12:16

Instrument :

MSVOA_F

ClientSampleId :

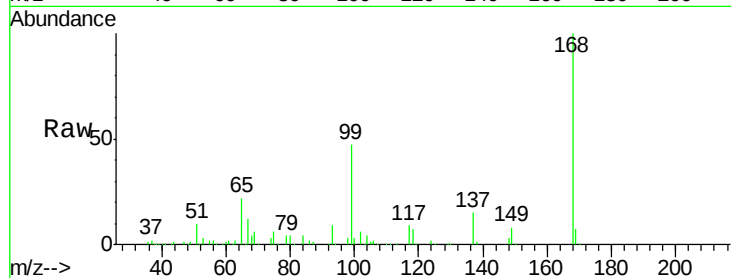
VF0215SBL01

Tot Ion:168 Resp: 353795

Ion Ratio Lower Upper

168 100

99 47.2 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

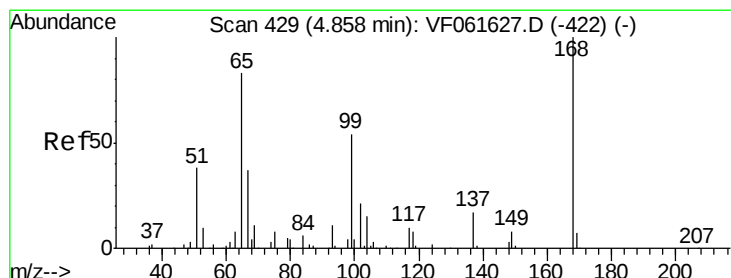
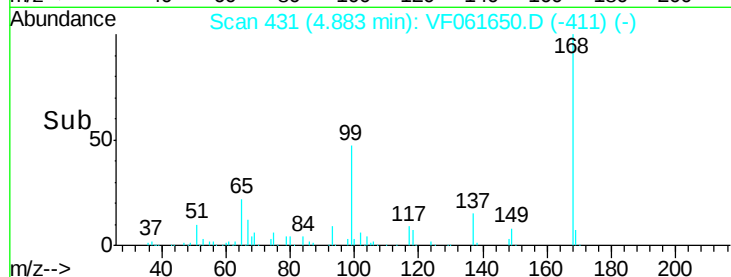
4.88

100000

50000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 55.144 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.01 min

Lab File: VF061650.D

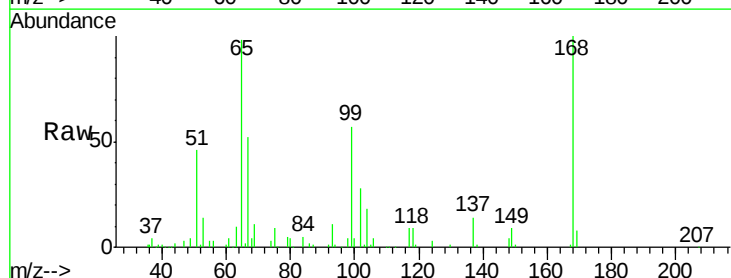
Acq: 15 Feb 2019 12:16

Tgt Ion: 65 Resp: 143067

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.86

60000

50000

40000

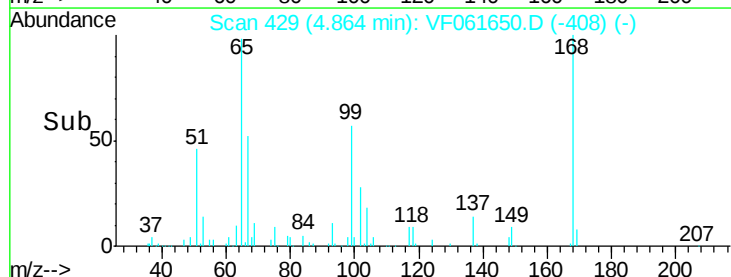
30000

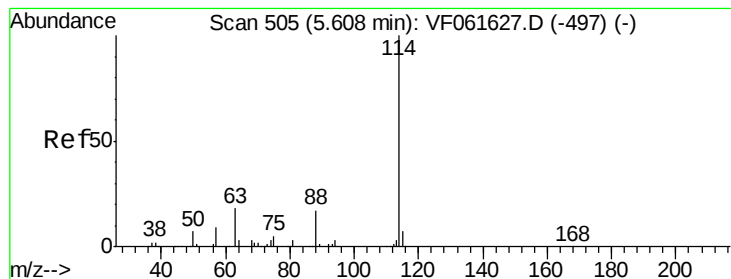
20000

10000

0

Time--> 4.70 4.80 4.90 5.00





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF061650.D

Acq: 15 Feb 2019 12:16

Instrument :

MSVOA_F

ClientSampleId :

VF0215SBL01

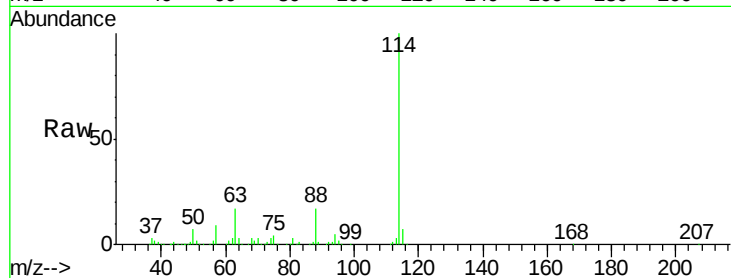
Tot Ion:114 Resp: 534805

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

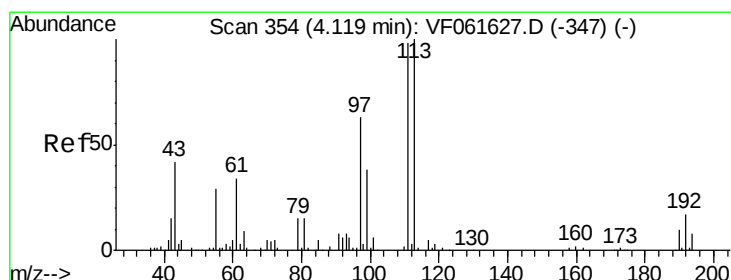
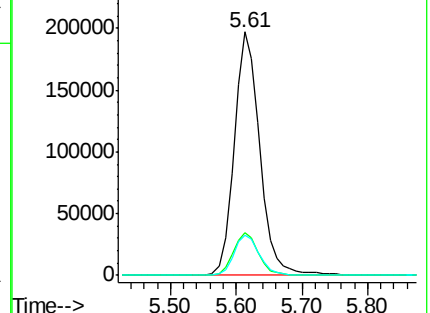
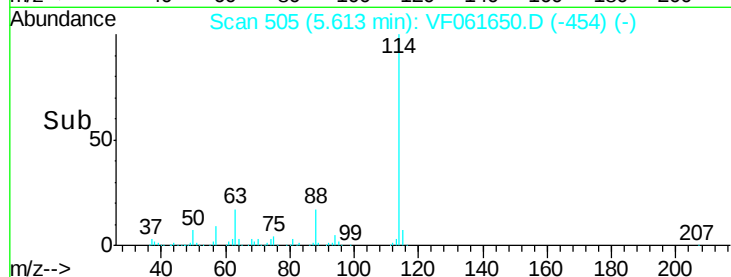
88 16.7 0.0 34.4



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: 53.377 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.01 min

Lab File: VF061650.D

Acq: 15 Feb 2019 12:16

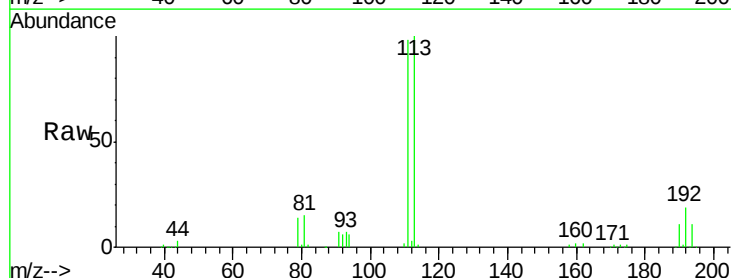
Tgt Ion:113 Resp: 211988

Ion Ratio Lower Upper

113 100

111 97.6 78.8 118.2

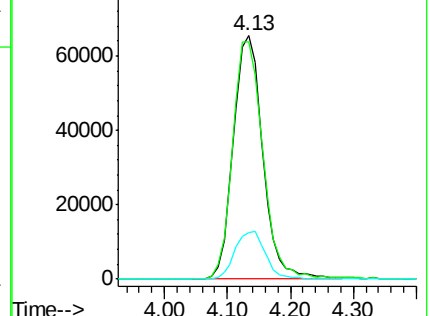
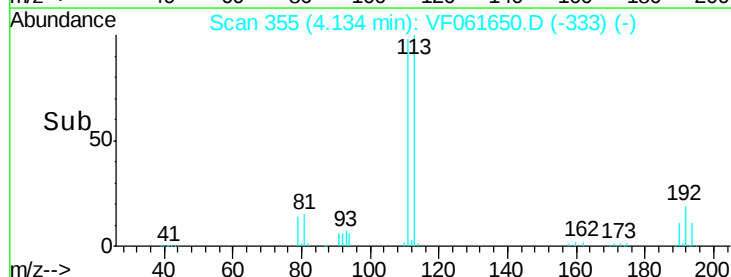
192 19.3 13.4 20.0

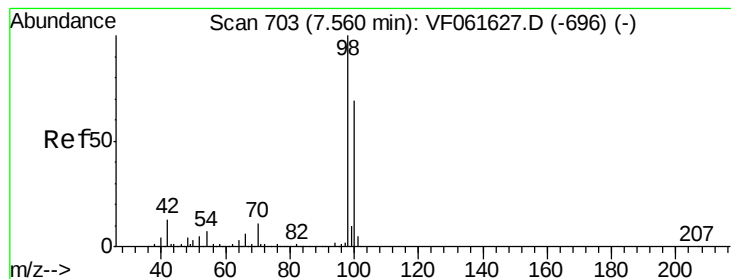


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 49.700 ug/l

RT: 7.58 min Scan# 704

Delta R.T. 0.01 min

Lab File: VF061650.D

Acq: 15 Feb 2019 12:16

Instrument :

MSVOA_F

ClientSampleId :

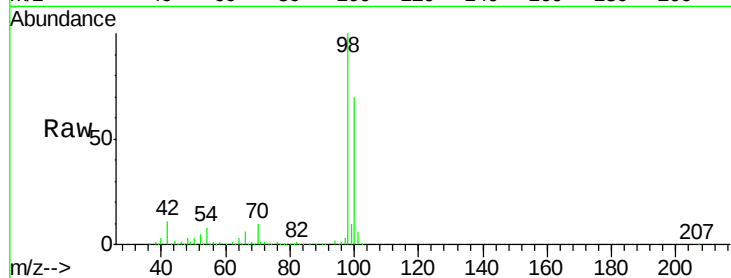
VF0215SBL01

Tot Ion: 98 Resp: 567417

Ion Ratio Lower Upper

98 100

100 70.2 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.58

250000

200000

150000

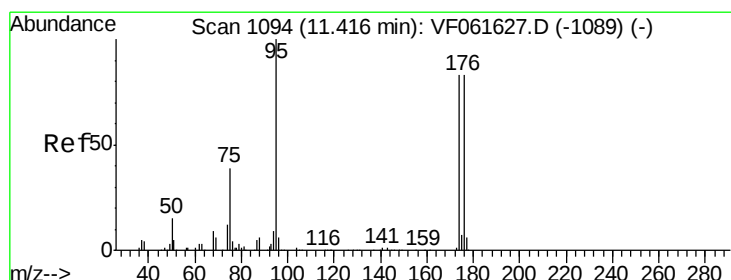
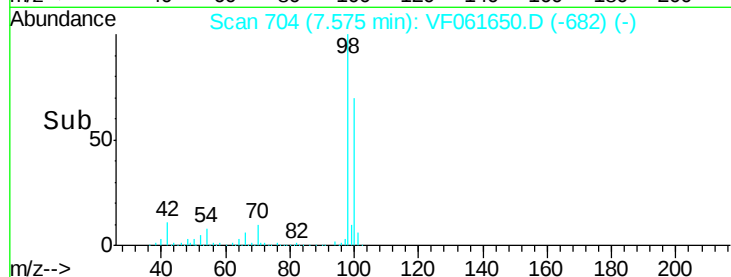
100000

50000

0

Time-->

7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 54.528 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF061650.D

Acq: 15 Feb 2019 12:16

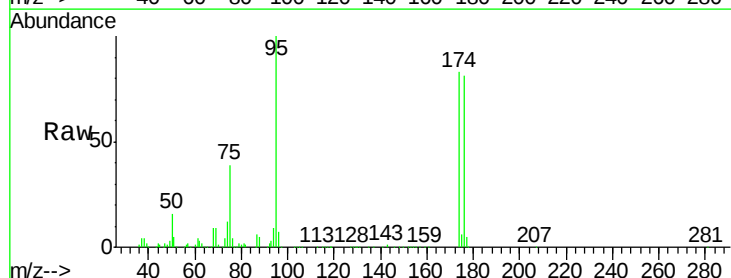
Tgt Ion: 95 Resp: 251894

Ion Ratio Lower Upper

95 100

174 83.3 0.0 165.8

176 80.8 0.0 167.0



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

200000

150000

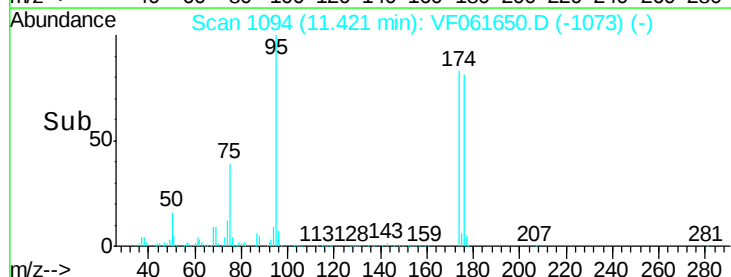
100000

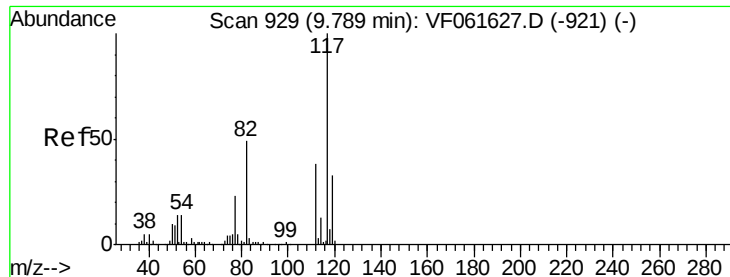
50000

0

Time-->

11.30 11.40 11.50 11.60

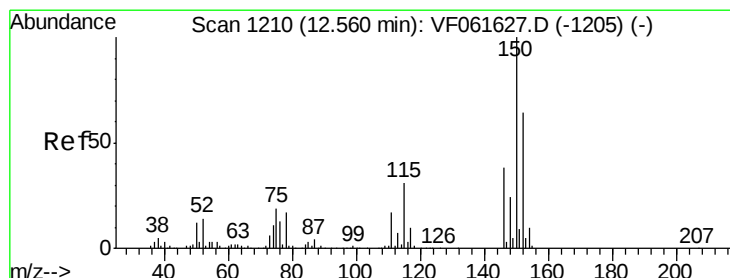
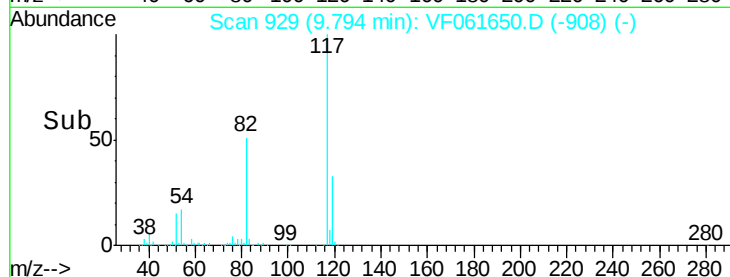
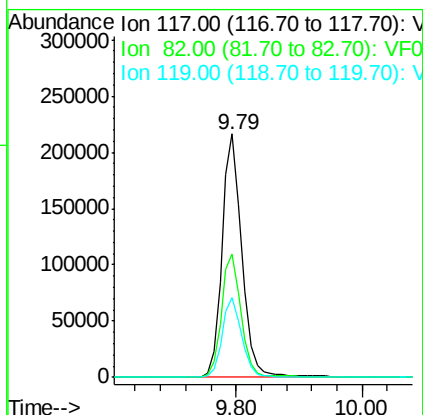
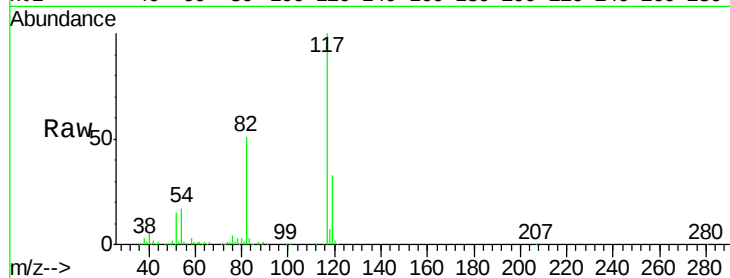




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF061650.D
Acq: 15 Feb 2019 12:16

Instrument :
MSVOA_F
ClientSampleId :
VF0215SBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	39.3	58.9
119	32.6	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF061650.D
Acq: 15 Feb 2019 12:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	50.0	24.3	72.8
150	152.2	0.0	312.0

