

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059733.D
 Acq On : 1 Aug 2018 4:07
 Operator : VA/AP
 Sample : J3823-03
 Misc : 7.18g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-073018-B

Quant Time: Aug 01 08:16:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	150588	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	217719	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	155516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	93872	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	149135	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	
35) Dibromofluoromethane	4.30	113	131065	57.96	ug/l	0.01
Spiked Amount	50.000		Recovery	=	115.92%	
50) Toluene-d8	7.71	98	165813	31.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.88%	
62) 4-Bromofluorobenzene	11.51	95	101083	34.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.26%	

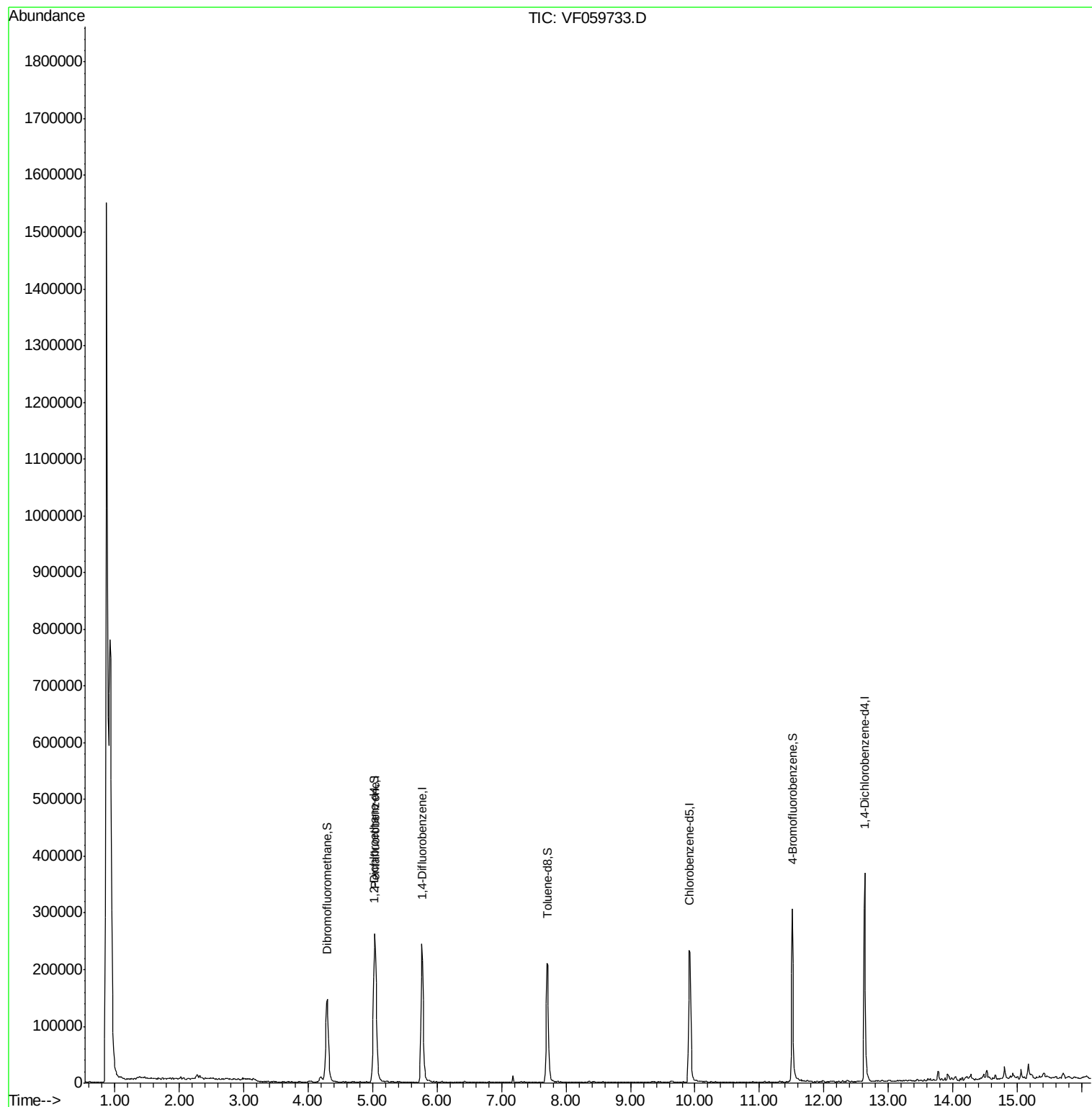
Target Compounds	Qvalue

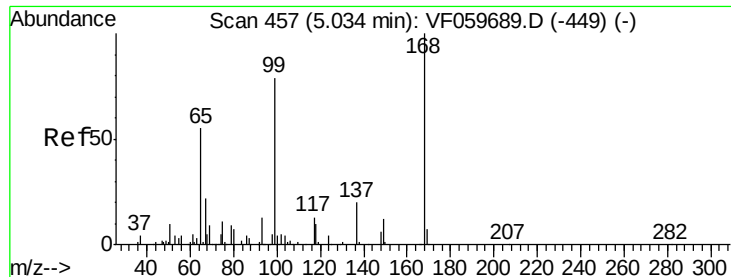
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF073118\
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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059733.D

Acq: 1 Aug 2018 4:07

Instrument :

MSVOA_F

ClientSampleId :

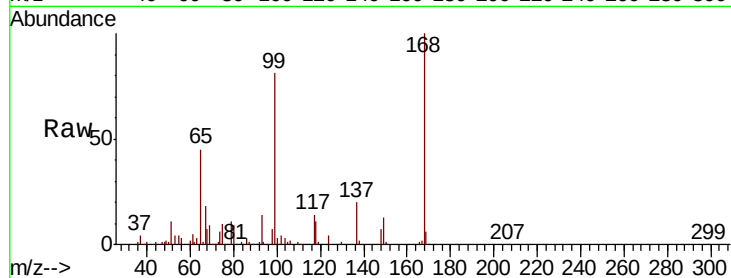
NB-08-073018-B

Tot Ion:168 Resp: 150588

Ion Ratio Lower Upper

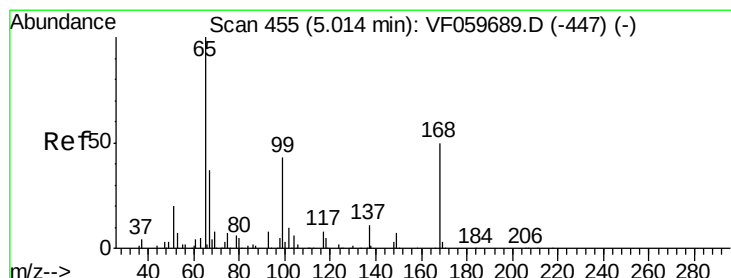
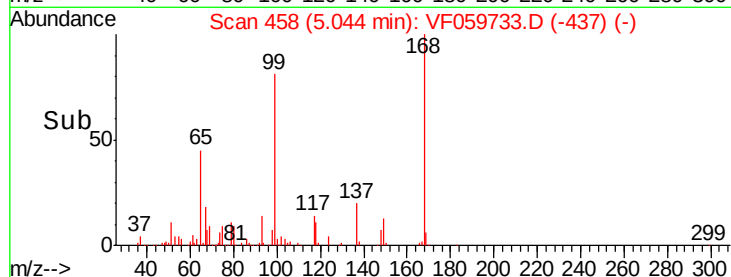
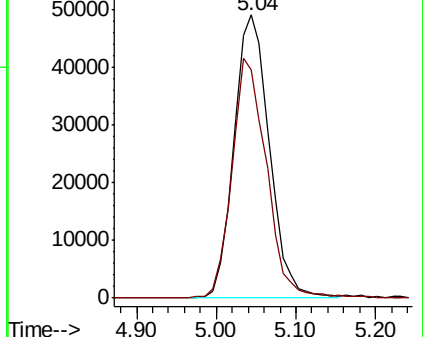
168 100

99 80.6 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 55.105 ug/l

RT: 5.01 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059733.D

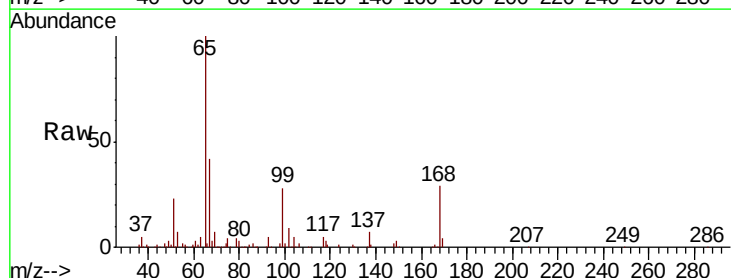
Acq: 1 Aug 2018 4:07

Tgt Ion: 65 Resp: 149135

Ion Ratio Lower Upper

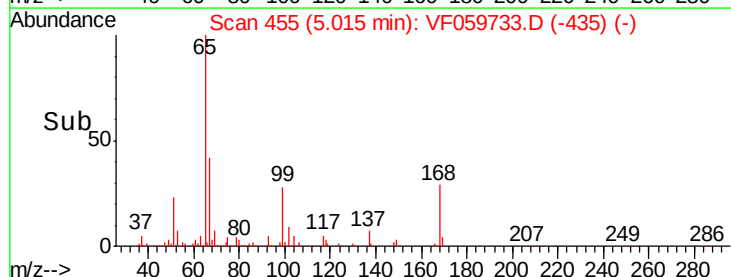
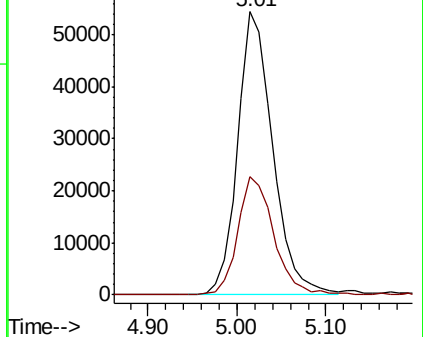
65 100

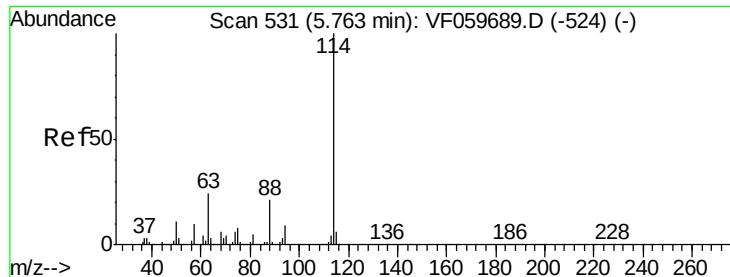
67 41.8 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

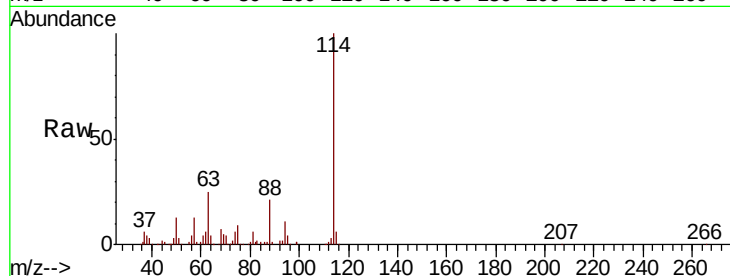




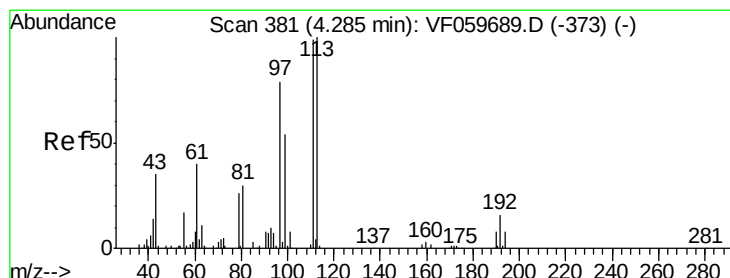
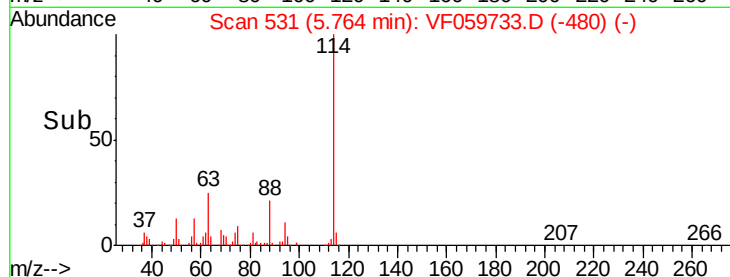
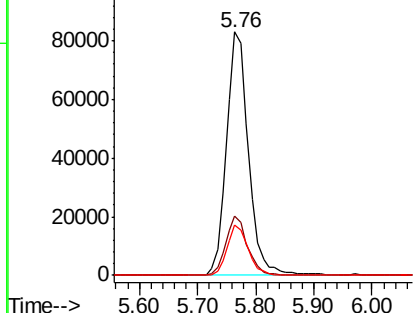
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.76 min Scan# 531
Delta R.T. 0.00 min
Lab File: VF059733.D
Acq: 1 Aug 2018 4:07

Instrument :
MSVOA_F
ClientSampleId :
NB-08-073018-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	47.4
88	20.7	0.0	41.2

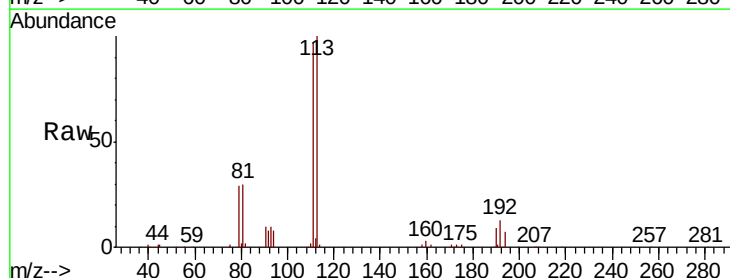


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

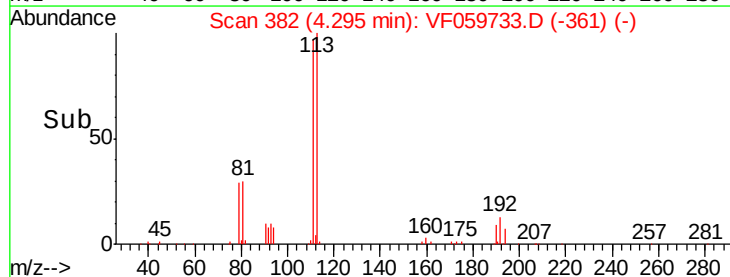
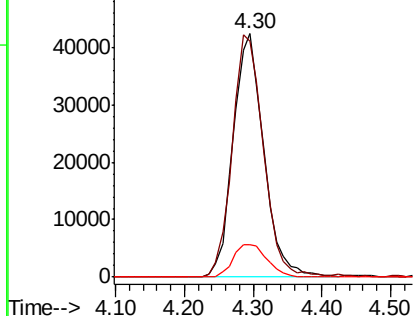


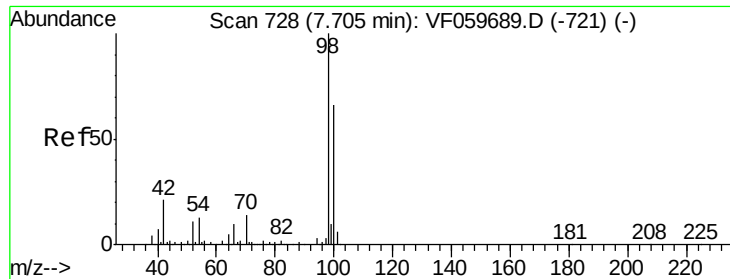
#35
Dibromofluoromethane
Concen: 57.959 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.01 min
Lab File: VF059733.D
Acq: 1 Aug 2018 4:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	97.2	79.0	118.4
192	13.3	13.2	19.8



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: 31.444 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059733.D

Acq: 1 Aug 2018 4:07

Instrument :

MSVOA_F

ClientSampleId :

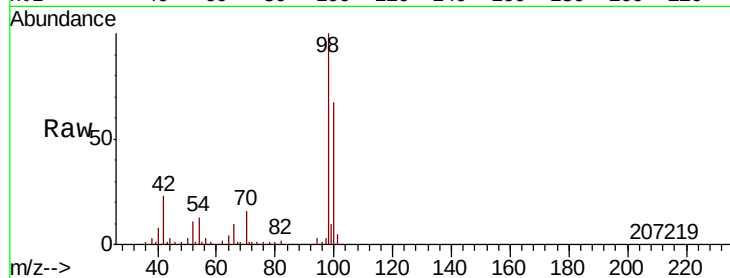
NB-08-073018-B

Tot Ion: 98 Resp: 165813

Ion Ratio Lower Upper

98 100

100 66.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.71

60000

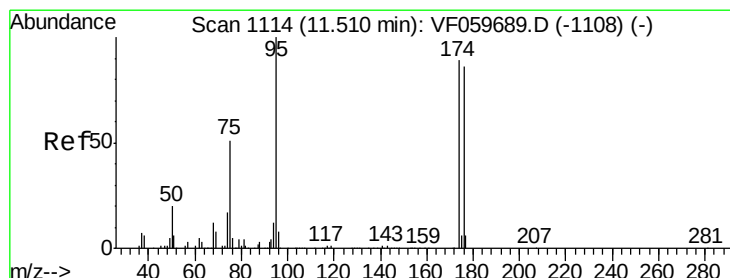
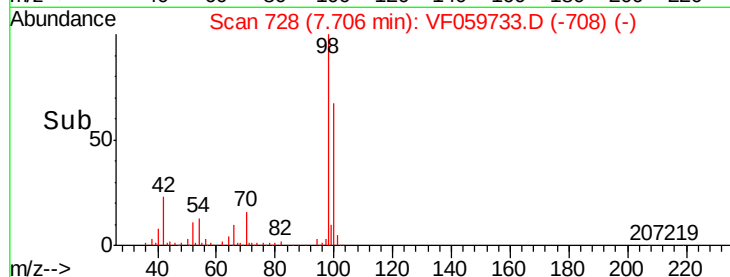
40000

20000

0

7.60 7.70 7.80 7.90

Time-->



#62

4-Bromofluorobenzene

Concen: 34.625 ug/l

RT: 11.51 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VF059733.D

Acq: 1 Aug 2018 4:07

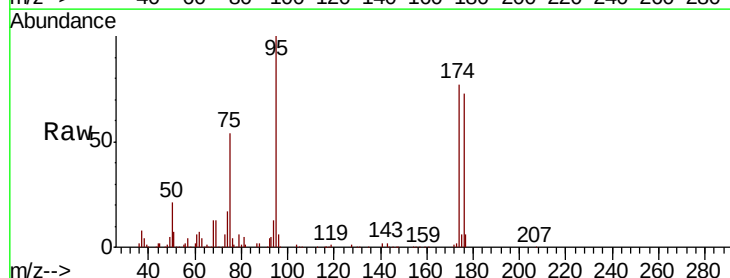
Tgt Ion: 95 Resp: 101083

Ion Ratio Lower Upper

95 100

174 77.3 0.0 178.4

176 73.1 0.0 173.0



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

11.51

60000

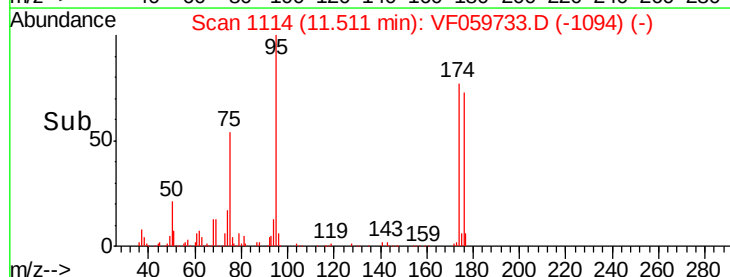
40000

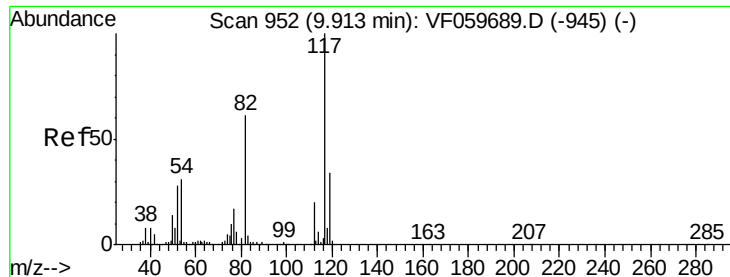
20000

0

11.40 11.50 11.60 11.70

Time-->

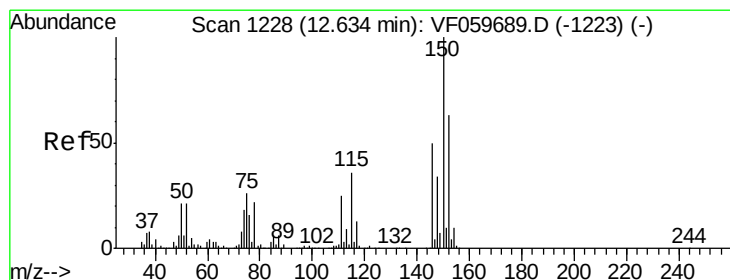
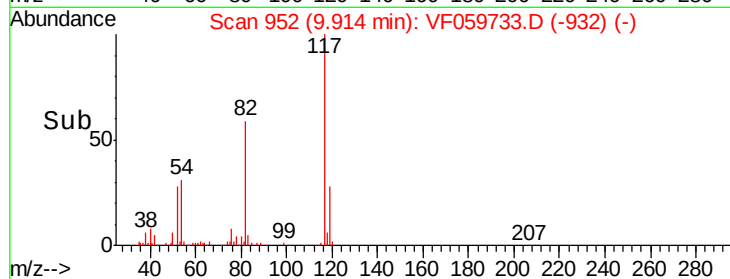
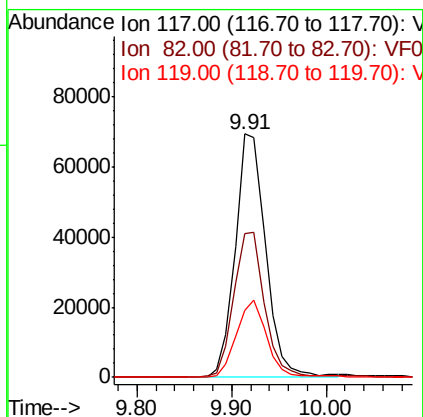
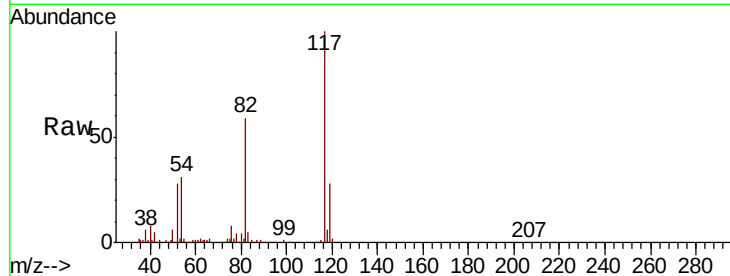




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059733.D
Acq: 1 Aug 2018 4:07

Instrument :
MSVOA_F
ClientSampleId :
NB-08-073018-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	49.0	73.4
119	27.8	27.3	40.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059733.D
Acq: 1 Aug 2018 4:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.2	84.6
150	156.1	0.0	316.2

