

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050671.D
 Acq On : 15 Aug 2018 22:39
 Operator : MD\SY
 Sample : J4458-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-92A

Quant Time: Aug 16 13:48:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	114017	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	569717	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	469348	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	232506	30.00	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.00%
60) 4-Bromofluorobenzene	12.40	95	165899	23.01	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	76.70%
63) Toluene-d8	10.09	98	658697	29.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.93%

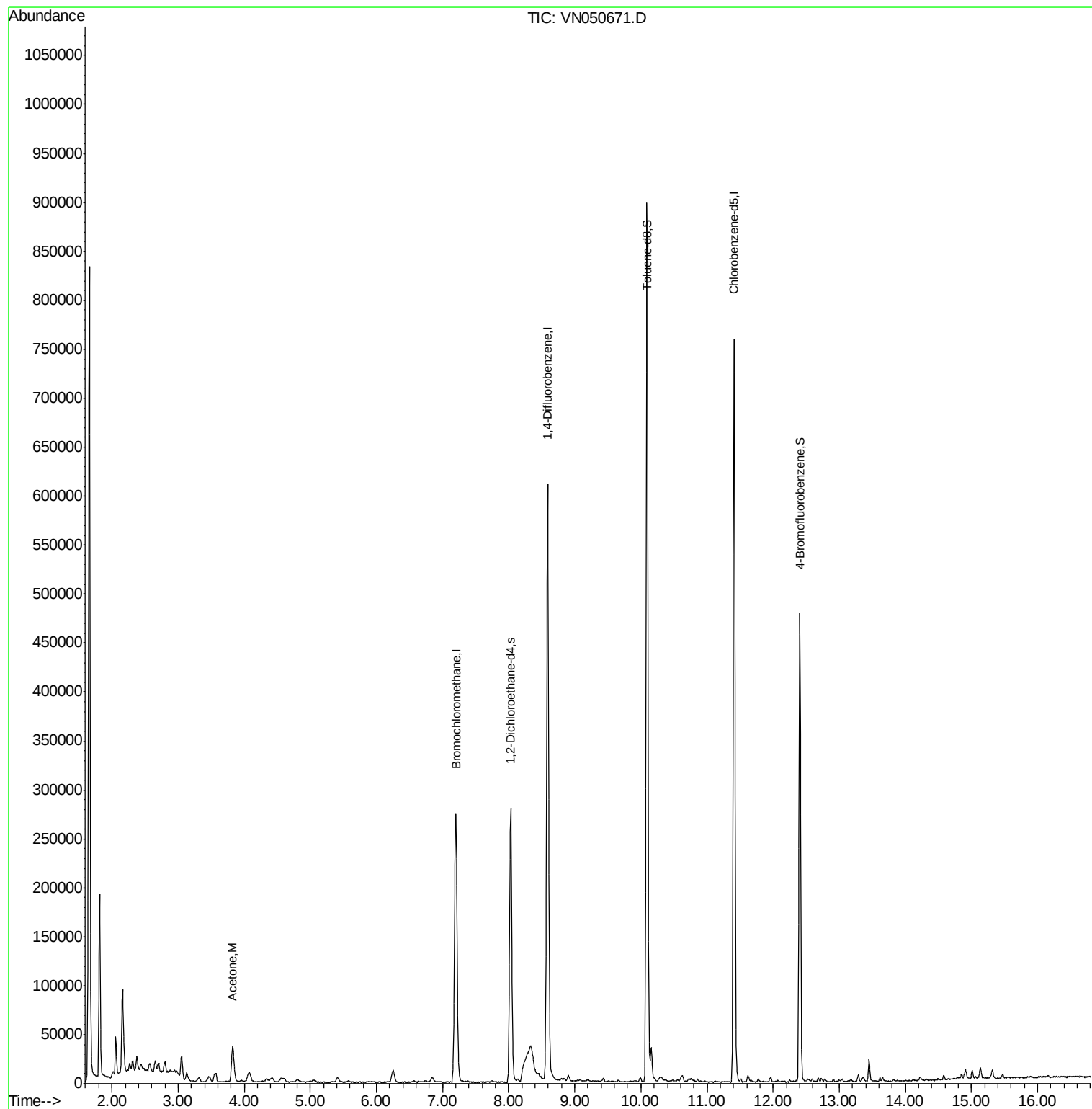
Target Compounds					Ovalue
15) Acetone	3.82	58	20788	33.66 ug/l	88

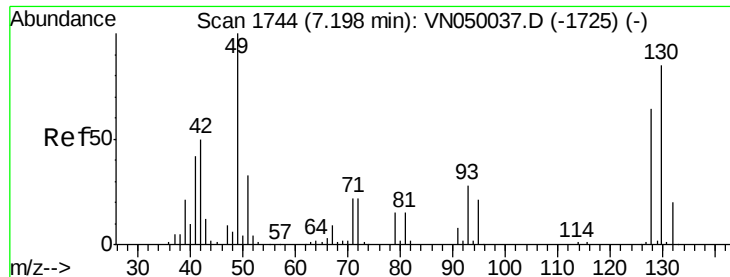
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN050671.D

Acq: 15 Aug 2018 22:39

Instrument :

MSVOA_N

ClientSampled :

MH-92A

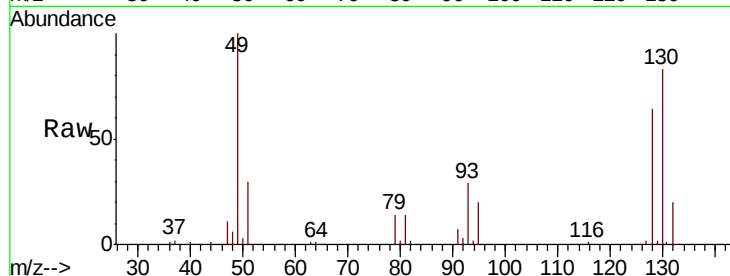
Tot Ion:128 Resp: 114017

Ion Ratio Lower Upper

128 100

49 153.6 0.0 378.3

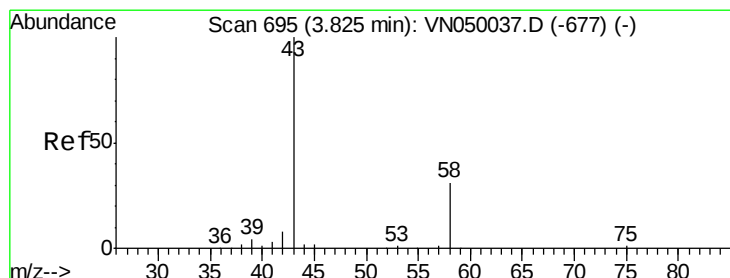
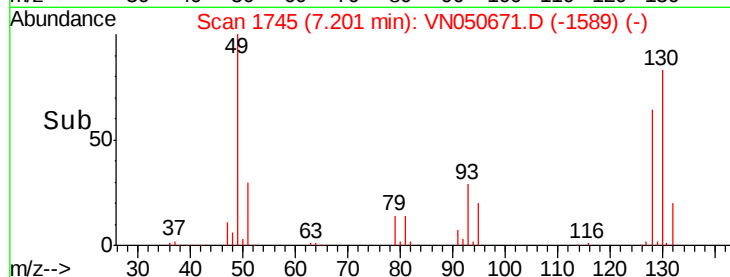
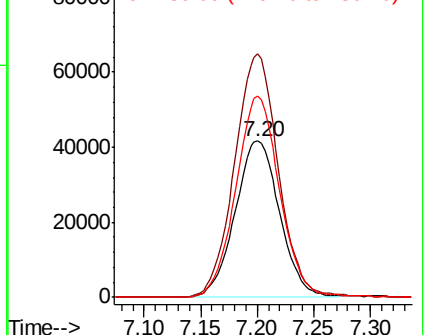
130 126.8 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 33.66 ug/l

RT: 3.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN050671.D

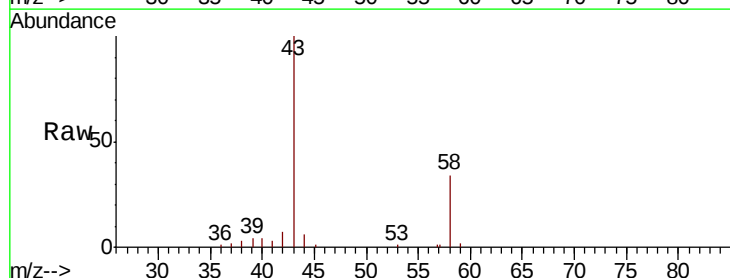
Acq: 15 Aug 2018 22:39

Tgt Ion: 58 Resp: 20788

Ion Ratio Lower Upper

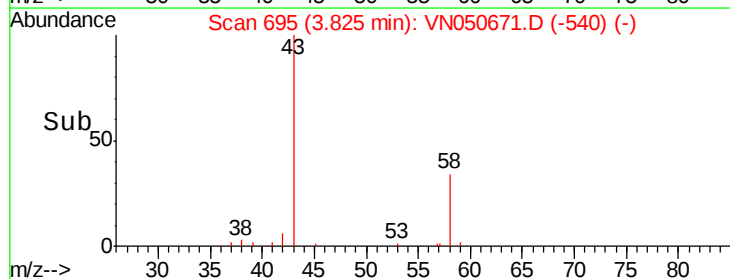
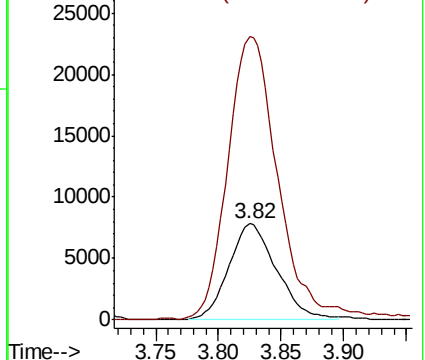
58 100

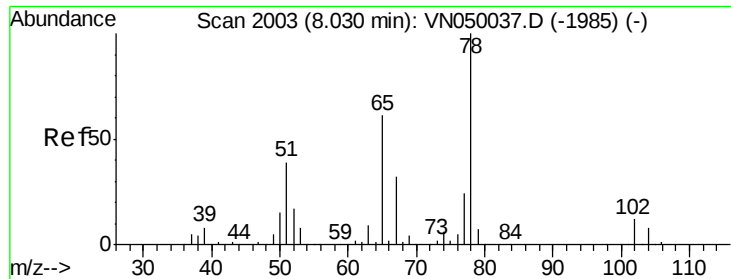
43 290.6 252.0 378.0



Abundance Ion 58.00 (57.70 to 58.70): VN

Ion 43.00 (42.70 to 43.70): VN





#27

1,2-Dichloroethane-d4

Concen: 30.00 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050671.D

Acq: 15 Aug 2018 22:39

Instrument :

MSVOA_N

ClientSampled :

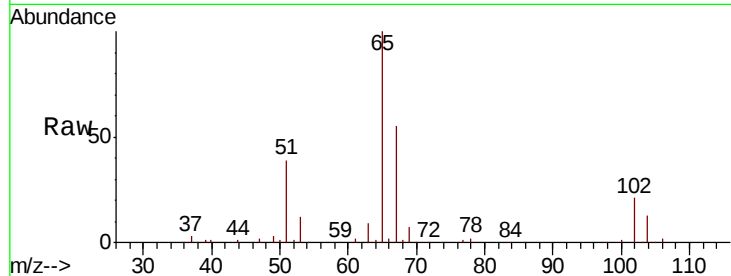
MH-92A

Tot Ion: 65 Resp: 232506

Ion Ratio Lower Upper

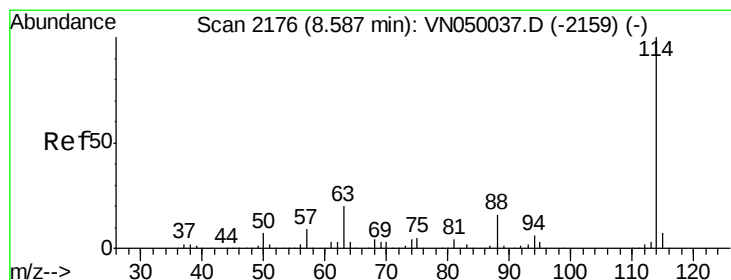
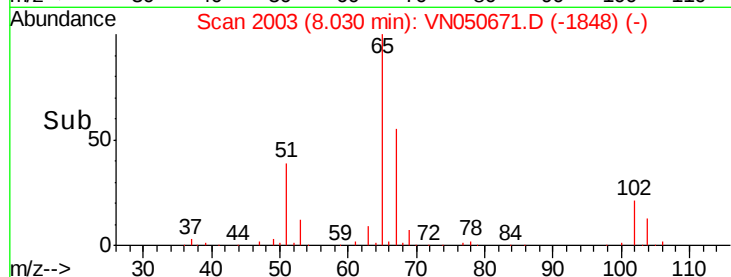
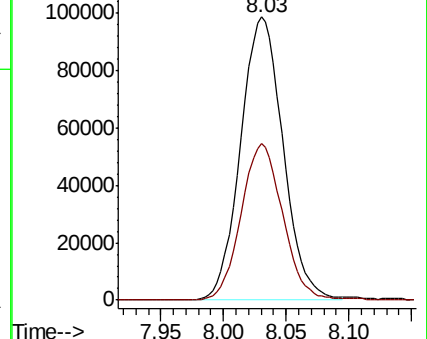
65 100

67 53.9 42.7 64.1



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050671.D

Acq: 15 Aug 2018 22:39

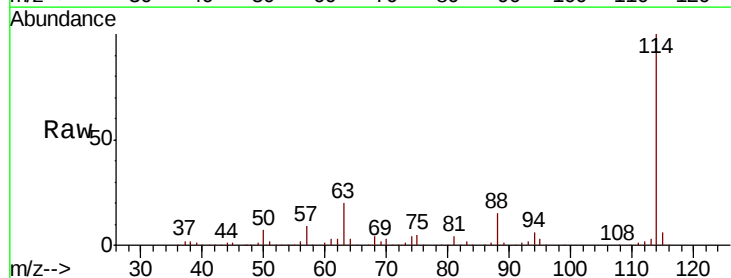
Tgt Ion: 114 Resp: 569717

Ion Ratio Lower Upper

114 100

63 19.8 16.2 24.2

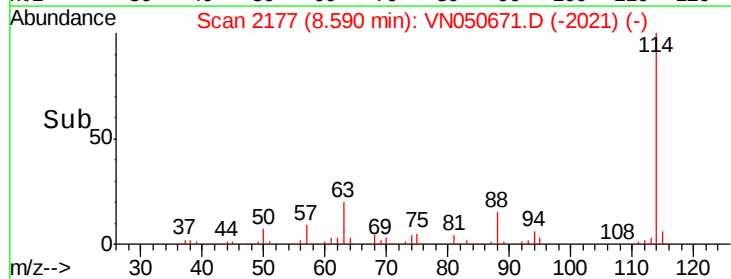
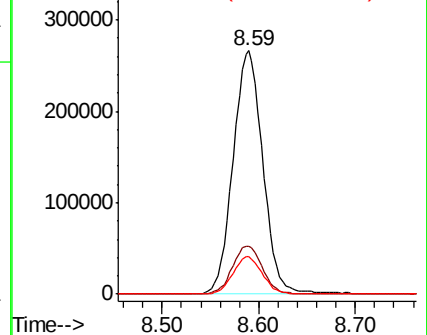
88 15.1 12.3 18.5

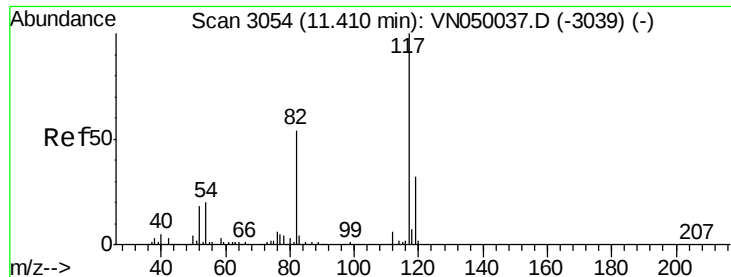


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

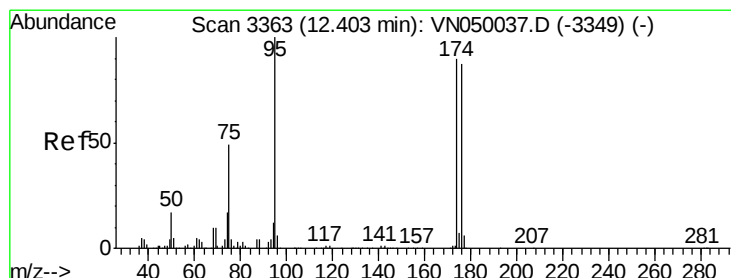
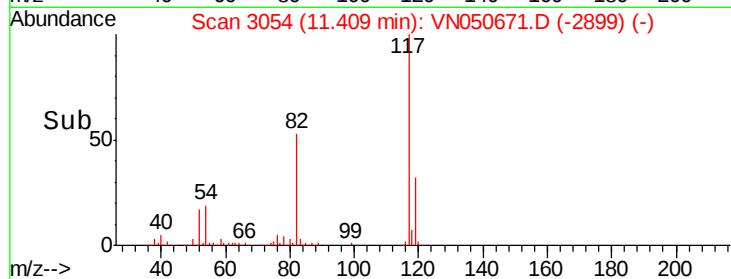
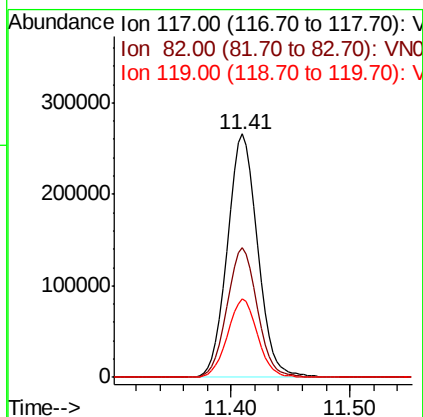
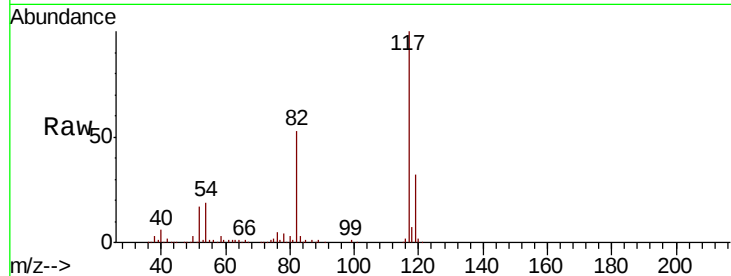




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050671.D
Acq: 15 Aug 2018 22:39

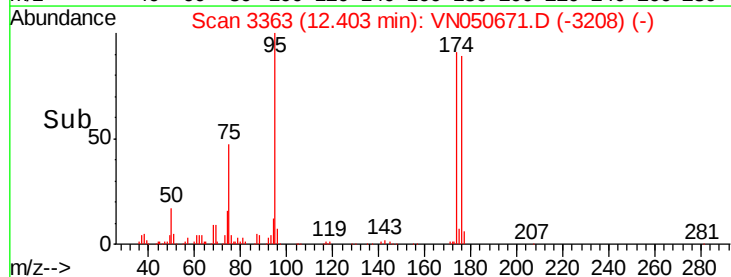
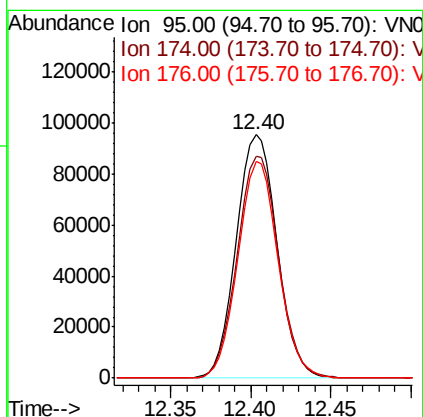
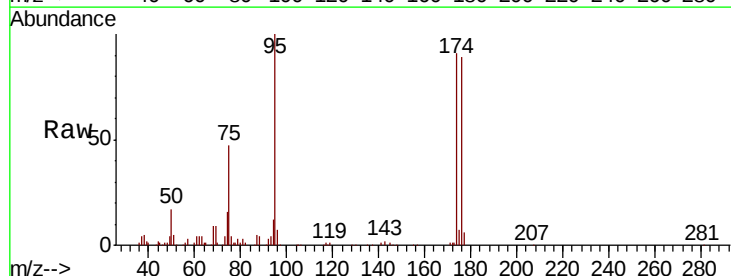
Instrument :
MSVOA_N
ClientSampleId :
MH-92A

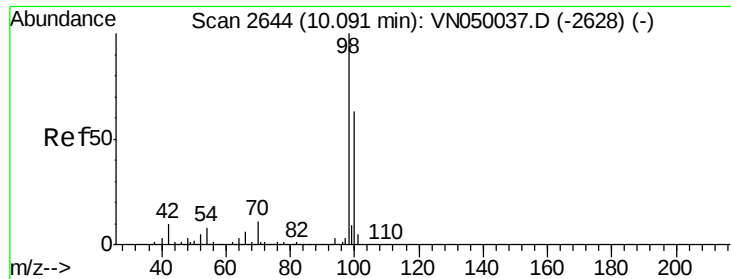
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.4	63.6
119	32.1	25.4	38.0



#60
4-Bromofluorobenzene
Concen: 23.01 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050671.D
Acq: 15 Aug 2018 22:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.3	72.3	108.5
176	87.8	70.0	105.0





#63

Toluene-d8

Concen: 29.38 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050671.D

Acq: 15 Aug 2018 22:39

Instrument :

MSVOA_N

ClientSampleId :

MH-92A

Tot Ion: 98 Resp: 658697

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8

