

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090418\
 Data File : VN051011.D
 Acq On : 4 Sep 2018 11:49
 Operator : MD\SY
 Sample : J4763-02DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002M-35TH-AVE(AUG)DL

Quant Time: Sep 04 12:18:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	110338	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	546197	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	465431	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	209924	29.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.37%
60) 4-Bromofluorobenzene	12.40	95	149344	21.58	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	71.93%
63) Toluene-d8	10.09	98	650918	29.99	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.97%

Target Compounds

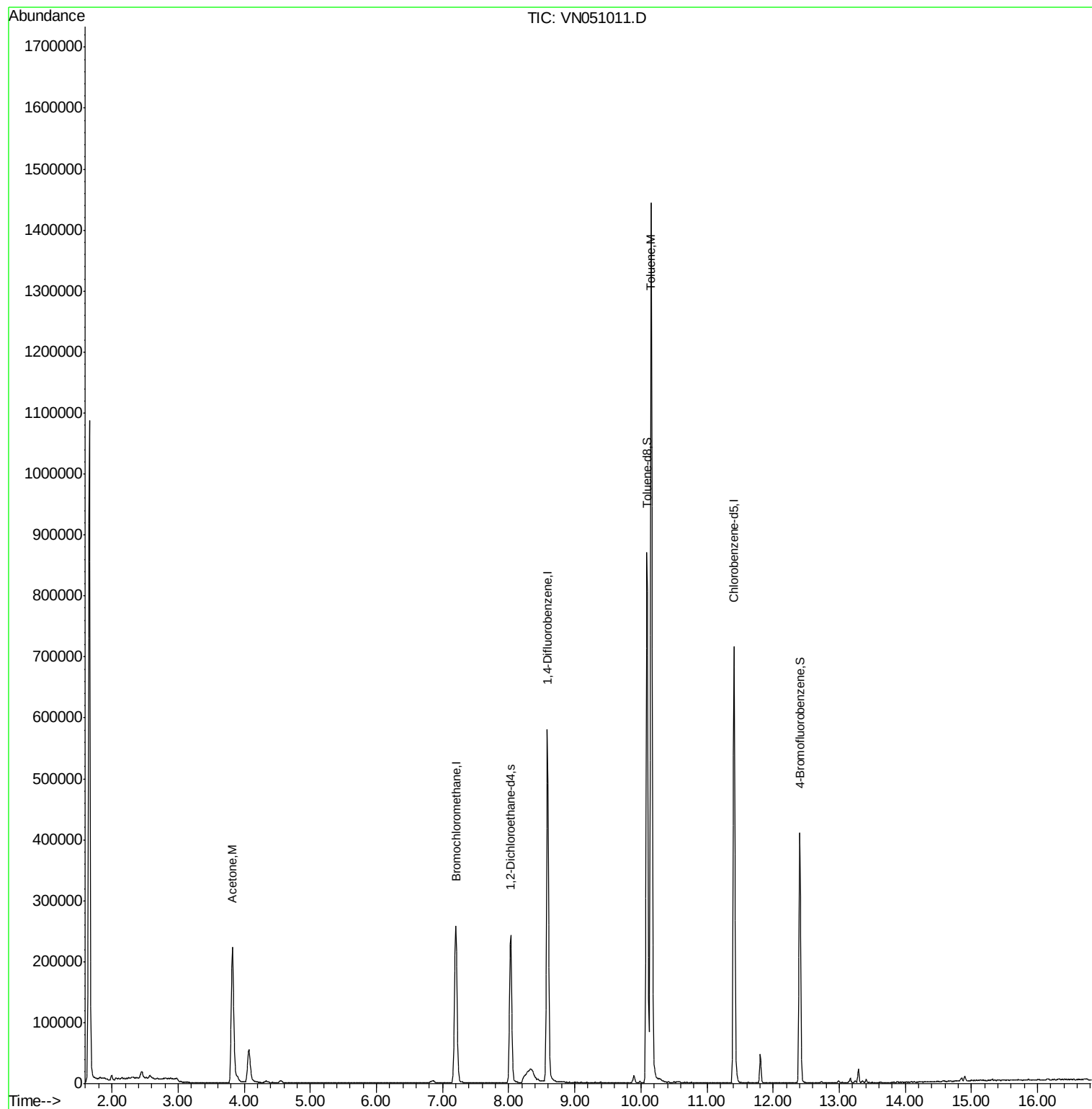
					Ovalue
15) Acetone	3.82	58	131220	219.99	ug/l 95
62) Toluene	10.16	91	1185403	45.65	ug/l 100

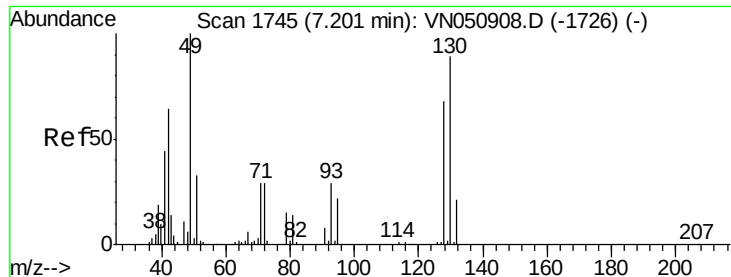
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN051011.D

Acq: 4 Sep 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

002M-35TH-AVE(AUG)DL

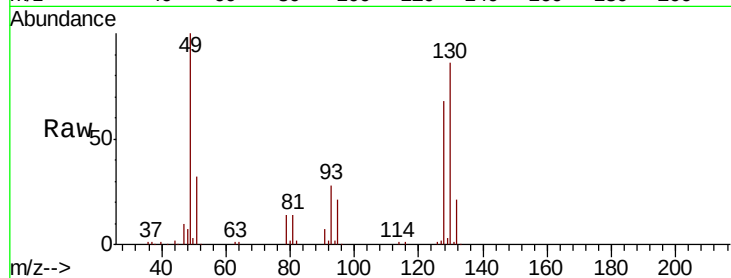
Tot Ion:128 Resp: 110338

Ion Ratio Lower Upper

128 100

49 147.3 0.0 380.3

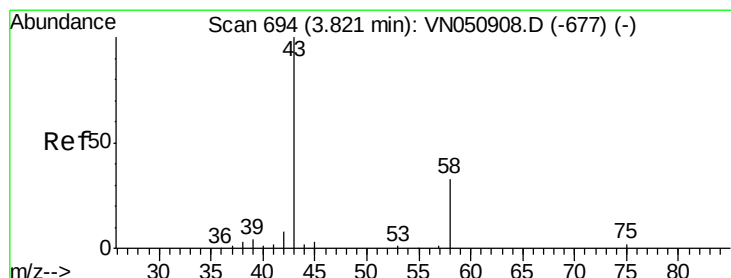
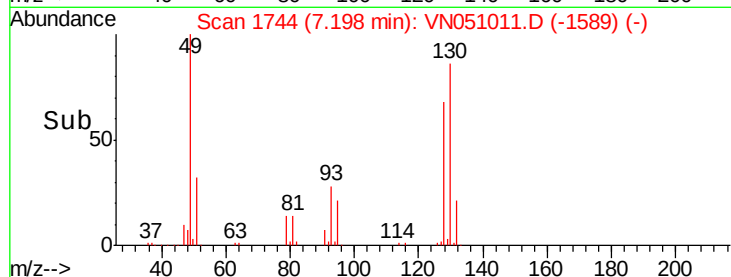
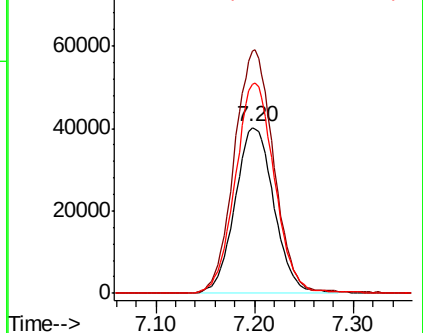
130 126.8 0.0 325.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 219.99 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN051011.D

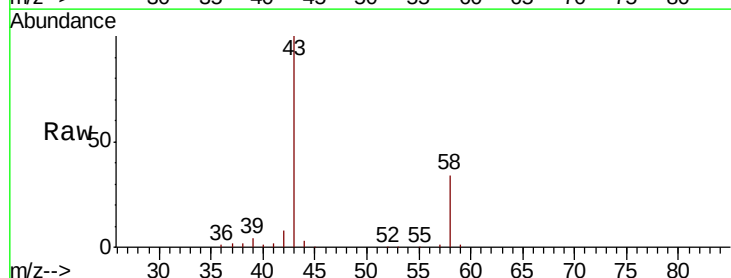
Acq: 4 Sep 2018 11:49

Tgt Ion: 58 Resp: 131220

Ion Ratio Lower Upper

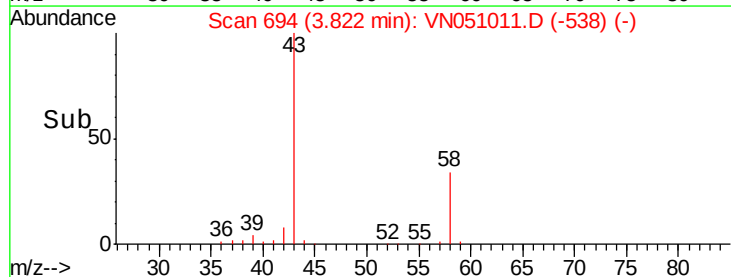
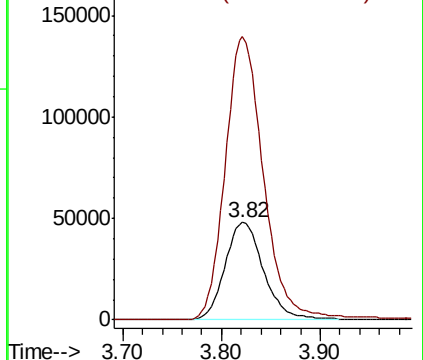
58 100

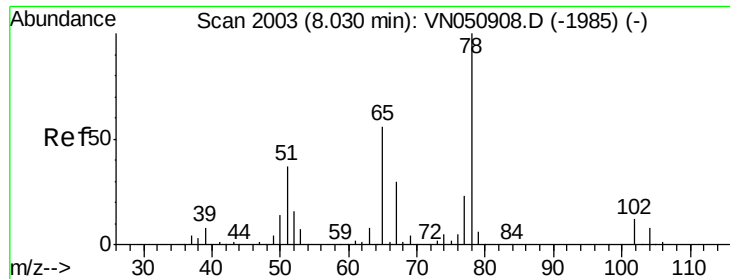
43 290.0 239.4 359.0



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

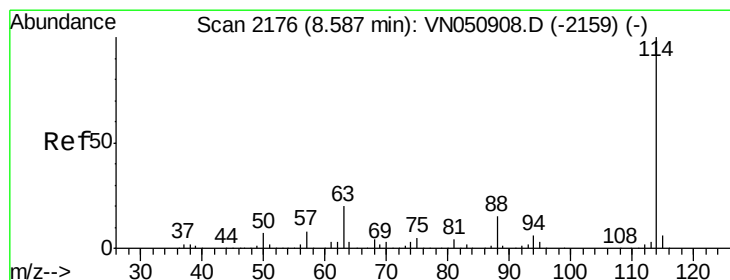
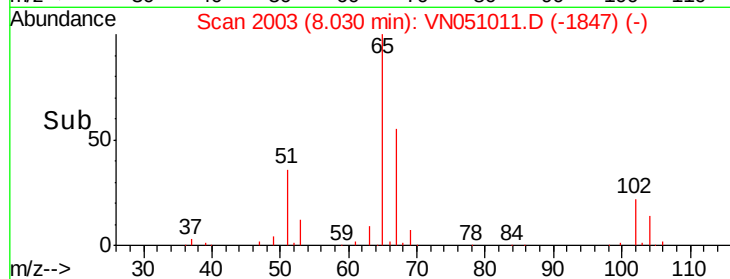
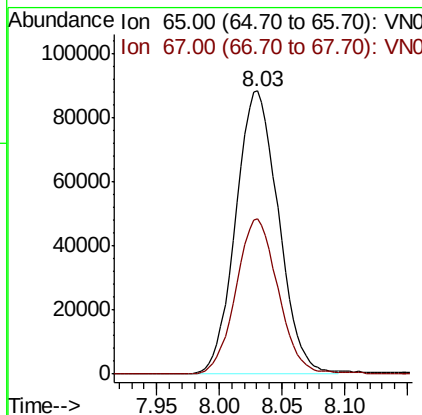
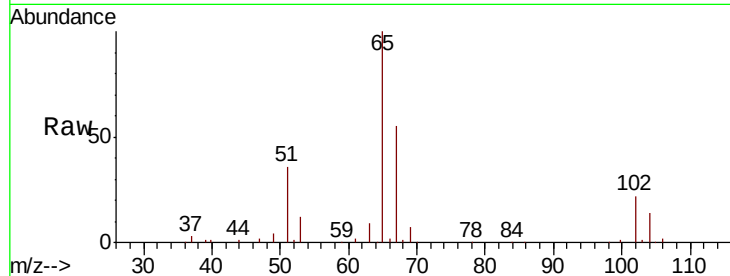




#27
 1,2-Dichloroethane-d4
 Concen: 29.81 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN051011.D
 Acq: 4 Sep 2018 11:49

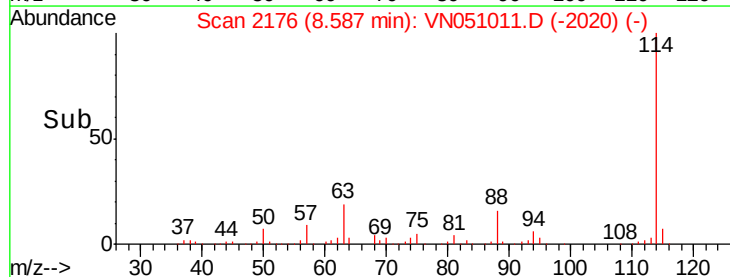
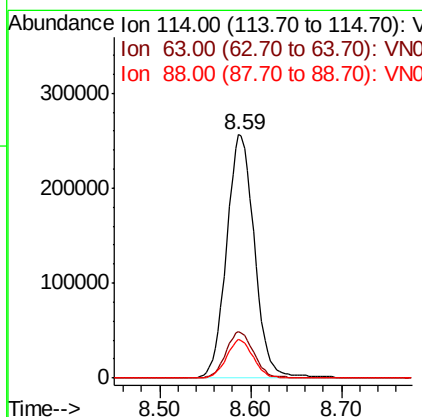
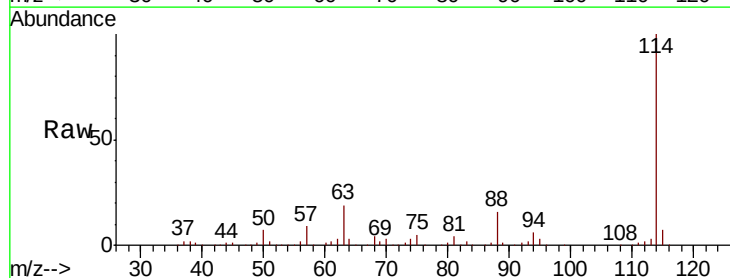
Instrument :
 MSVOA_N
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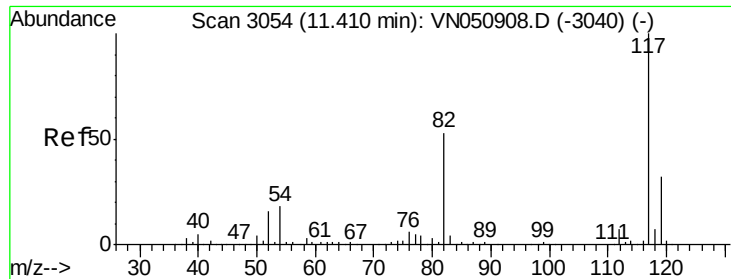
Tot Ion: 65 Resp: 209924
 Ion Ratio Lower Upper
 65 100
 67 54.0 43.7 65.5



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN051011.D
 Acq: 4 Sep 2018 11:49

Tgt Ion: 114 Resp: 546197
 Ion Ratio Lower Upper
 114 100
 63 19.0 15.6 23.4
 88 15.2 12.2 18.4

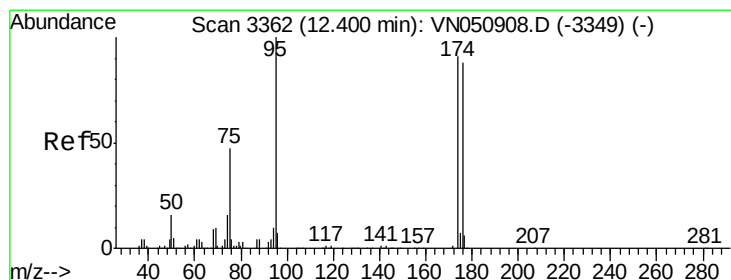
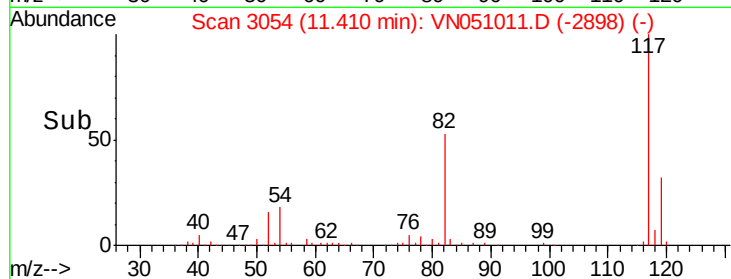
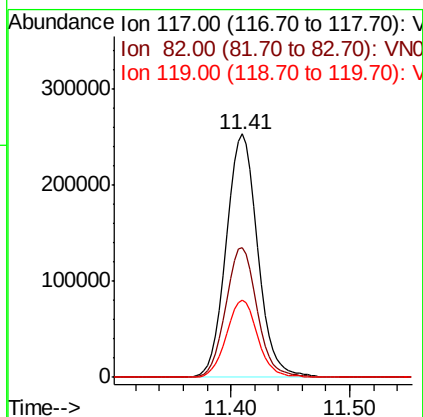
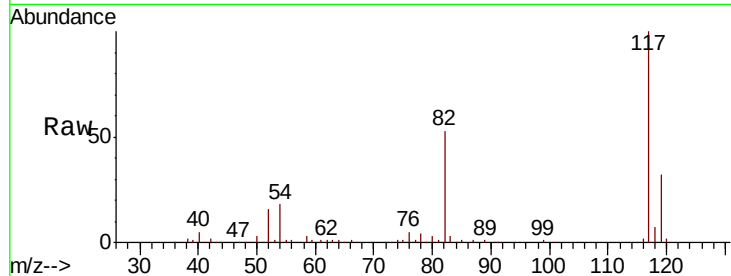




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN051011.D
Acq: 4 Sep 2018 11:49

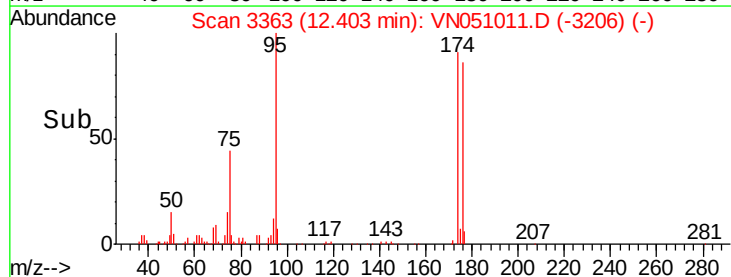
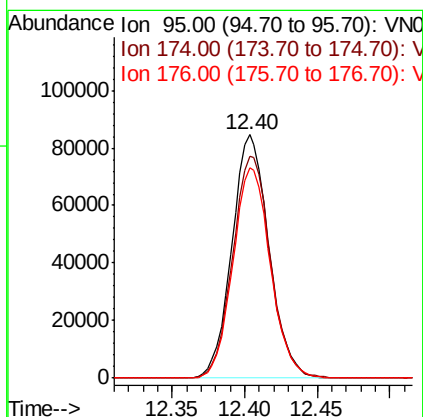
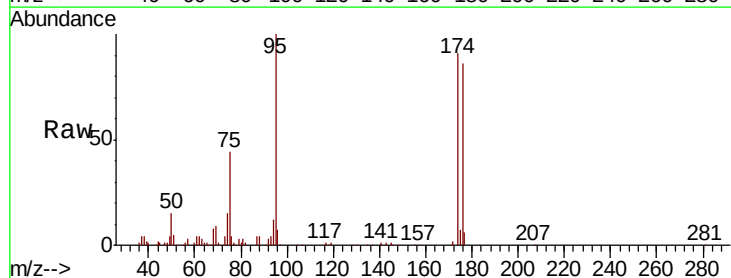
Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(AUG)DL

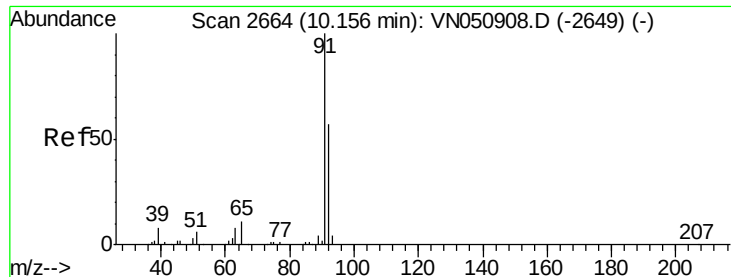
Tot Ion:117 Resp: 465431
Ion Ratio Lower Upper
117 100
82 53.3 42.6 64.0
119 31.7 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 21.58 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN051011.D
Acq: 4 Sep 2018 11:49

Tgt Ion: 95 Resp: 149344
Ion Ratio Lower Upper
95 100
174 93.6 74.6 112.0
176 88.0 71.5 107.3





#62

Toluene

Concen: 45.65 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. 0.00 min

Lab File: VN051011.D

Acq: 4 Sep 2018 11:49

Instrument :

MSVOA_N

ClientSampleId :

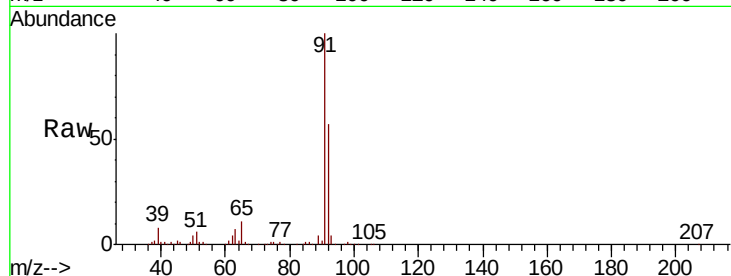
002M-35TH-AVE(AUG)DL

Tot Ion: 91 Resp: 1185403

Ion Ratio Lower Upper

91 100

92 56.9 45.8 68.8



Abundance Ion 91.00 (90.70 to 91.70): VN050908.D (-2649) (-)

Ion 92.00 (91.70 to 92.70): VN050908.D (-2649) (-)

10.16

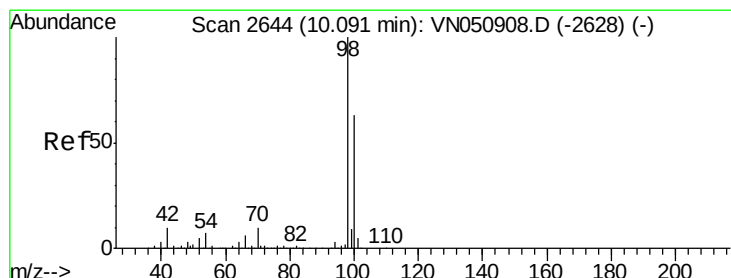
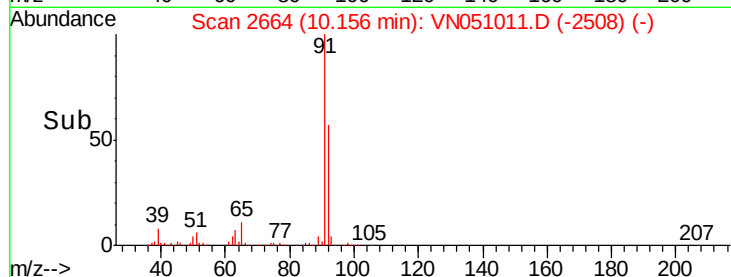
600000

400000

200000

0

Time-->



#63

Toluene-d8

Concen: 29.99 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN051011.D

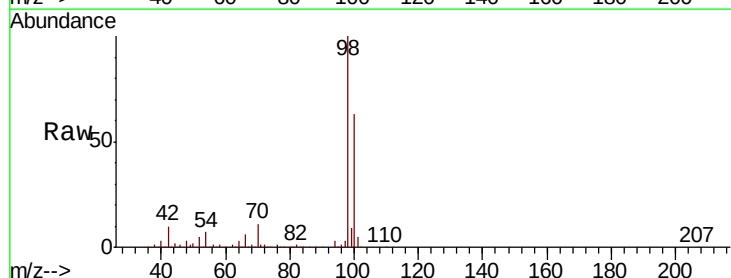
Acq: 4 Sep 2018 11:49

Tgt Ion: 98 Resp: 650918

Ion Ratio Lower Upper

98 100

100 63.1 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN050908.D (-2628) (-)

Ion 100.00 (99.70 to 100.70): VN050908.D (-2628) (-)

10.09

400000

300000

200000

100000

0

Time-->

