

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
 Data File : VN051292.D
 Acq On : 18 Sep 2018 12:58
 Operator : MD\SY
 Sample : J4932-02 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-M-35TH-AVE

Quant Time: Sep 18 15:21:09 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	101683	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	491703	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	403572	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	184014	28.36	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.53%
60) 4-Bromofluorobenzene	12.40	95	121269	20.21	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	67.37%
63) Toluene-d8	10.09	98	570154	30.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.00%

Target Compounds

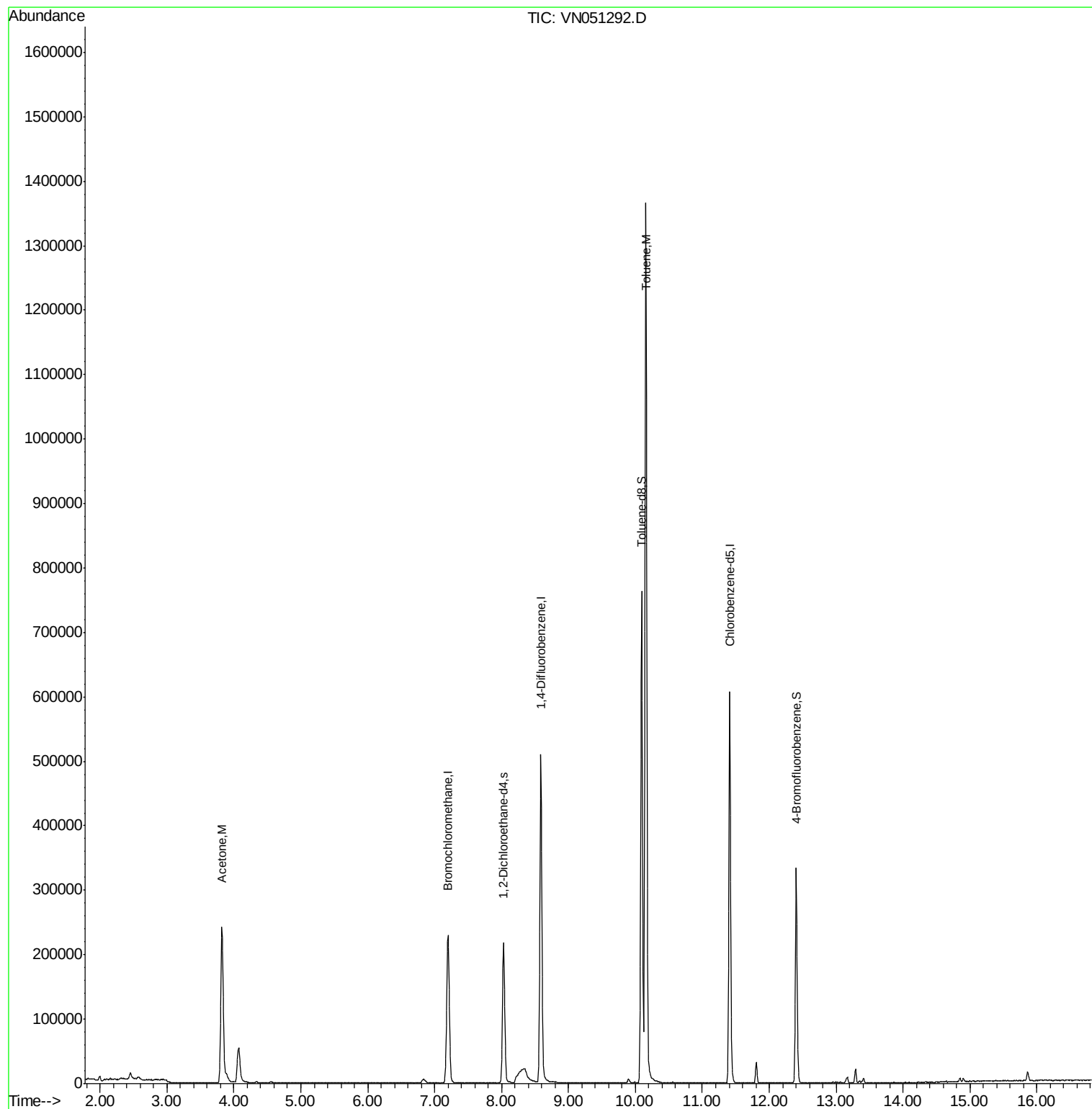
					Qvalue
15) Acetone	3.82	58	142560	259.350	ug/l 89
62) Toluene	10.16	91	1109014	49.257	ug/l 100

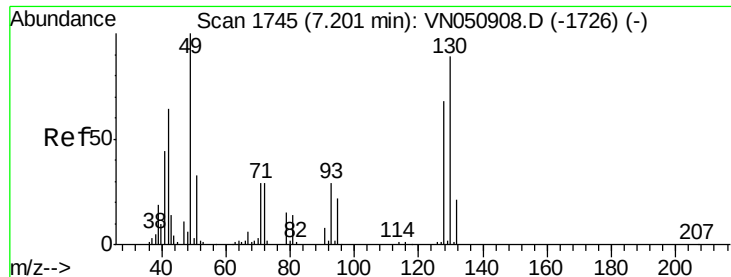
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN051292.D

Acq: 18 Sep 2018 12:58

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MSVOA_N

ClientSampleId :

002-M-35TH-AVE

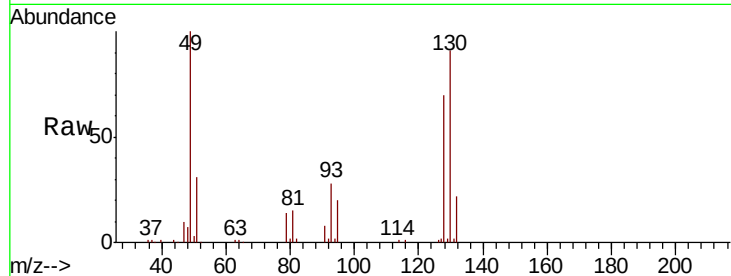
Tgt Ion:128 Resp: 101683

Ion Ratio Lower Upper

128 100

49 136.5 0.0 380.3

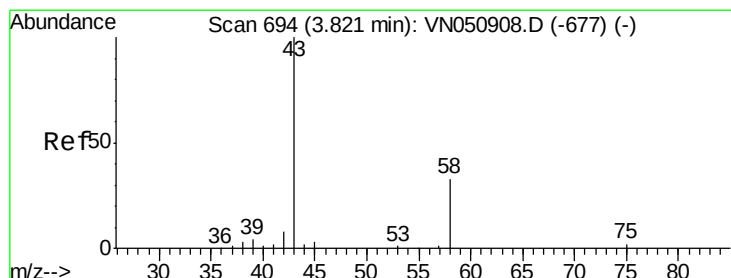
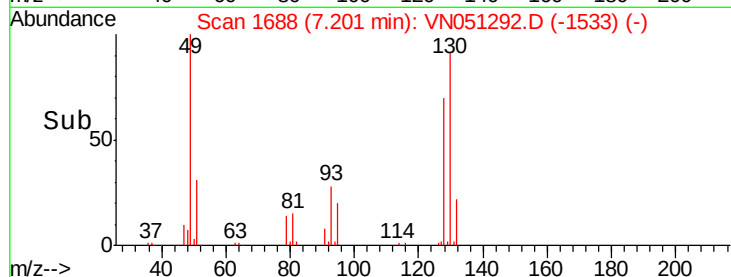
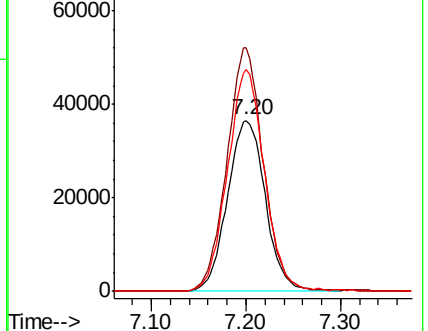
130 126.2 0.0 325.3



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: 259.350 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN051292.D

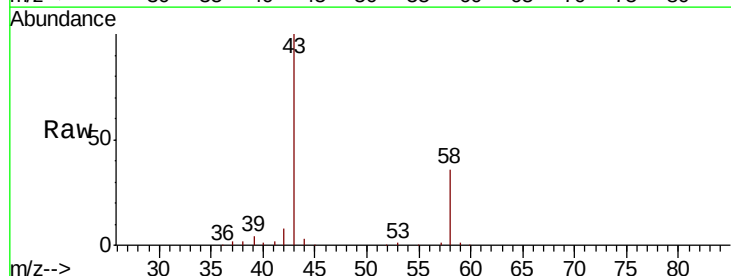
Acq: 18 Sep 2018 12:58

Tgt Ion: 58 Resp: 142560

Ion Ratio Lower Upper

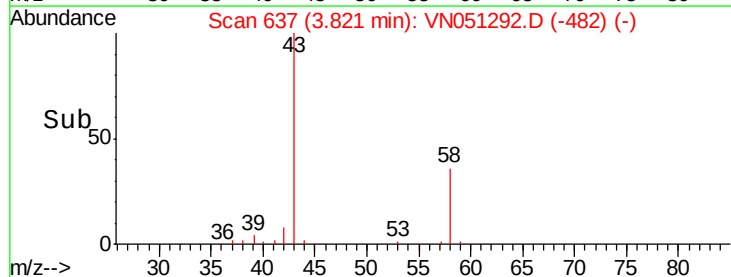
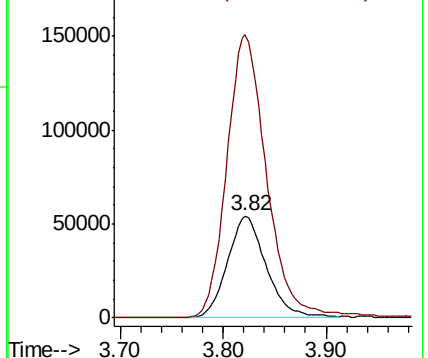
58 100

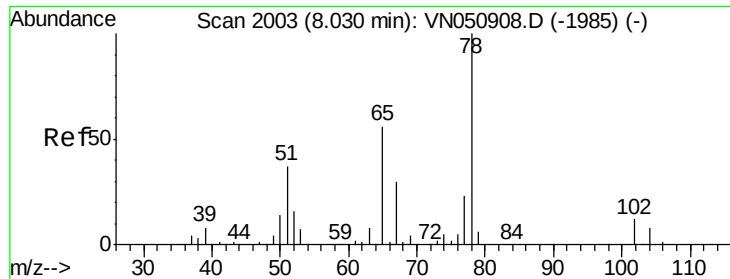
43 277.1 239.4 359.0



Abundance Ion 58.00 (57.70 to 58.70): VN

Ion 43.00 (42.70 to 43.70): VN

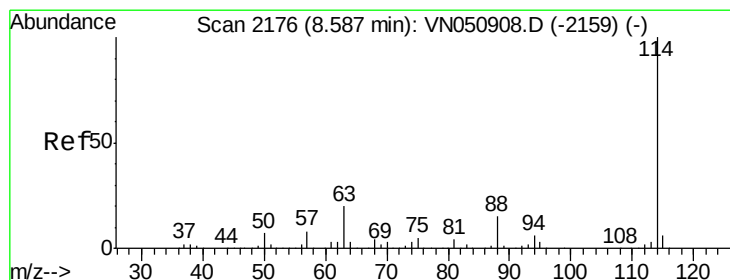
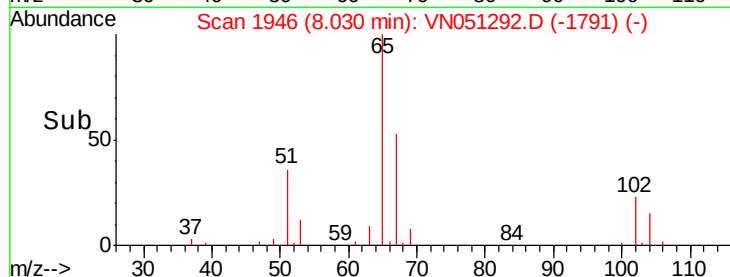
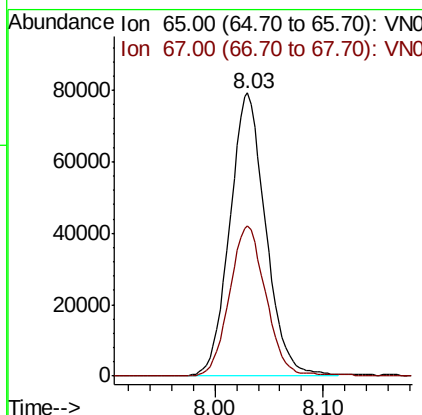
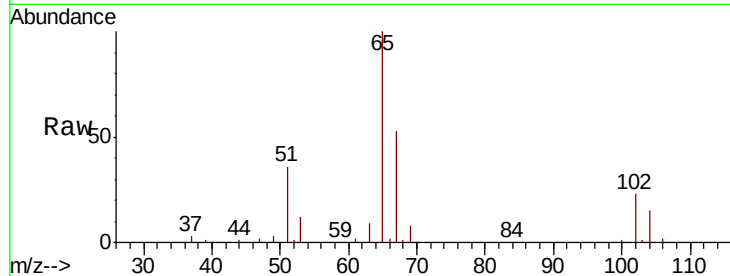




#27
 1,2-Dichloroethane-d4
 Concen: 28.359 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: VN051292.D
 Acq: 18 Sep 2018 12:58

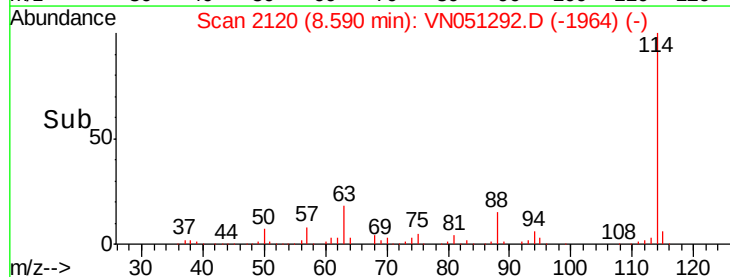
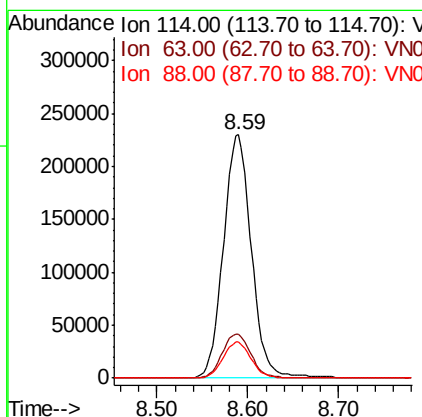
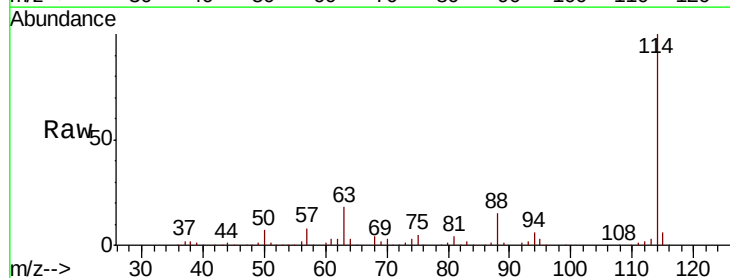
Instrument :
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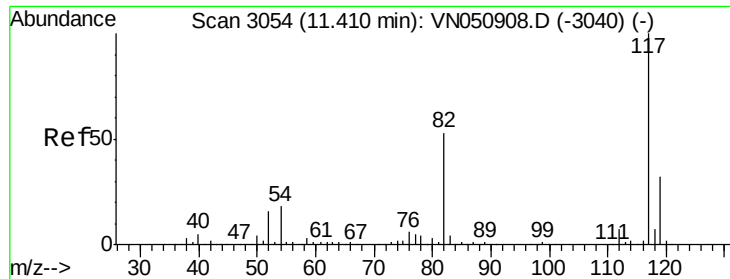
Tgt Ion: 65 Resp: 184014
 Ion Ratio Lower Upper
 65 100
 67 53.5 43.7 65.5



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051292.D
 Acq: 18 Sep 2018 12:58

Tgt Ion: 114 Resp: 491703
 Ion Ratio Lower Upper
 114 100
 63 18.6 15.6 23.4
 88 14.8 12.2 18.4

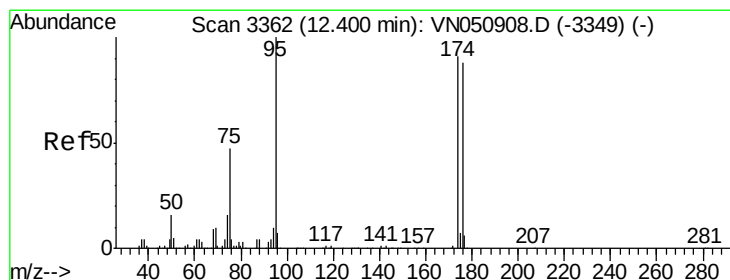
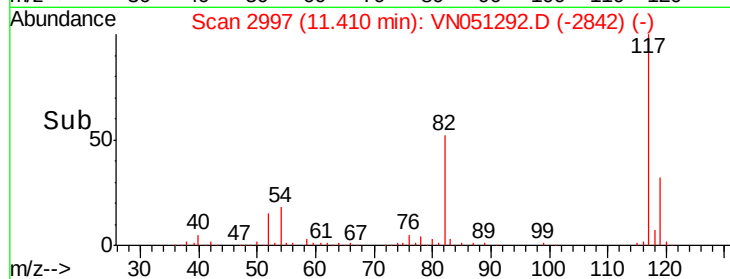
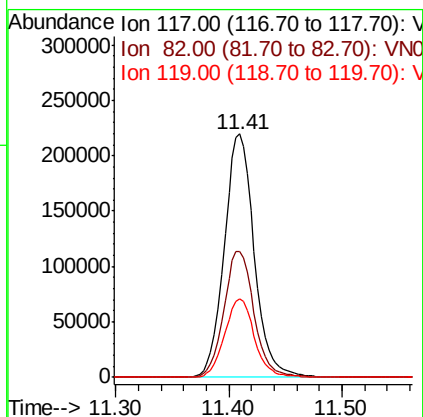
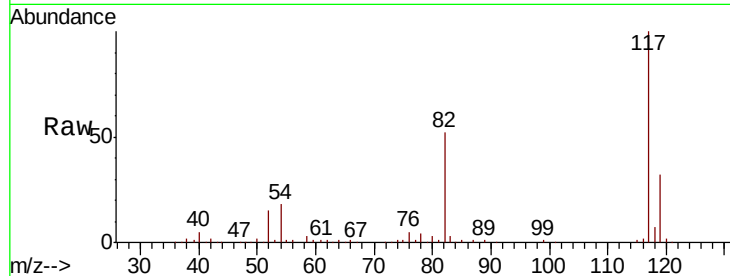




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN051292.D
Acq: 18 Sep 2018 12:58

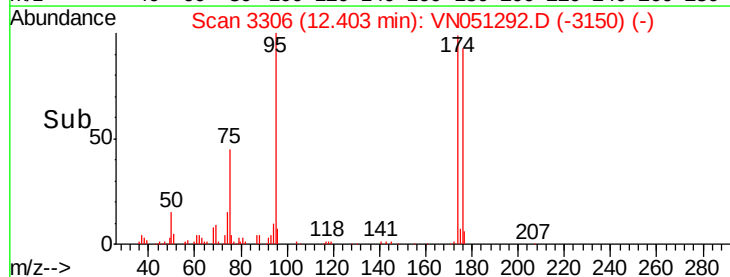
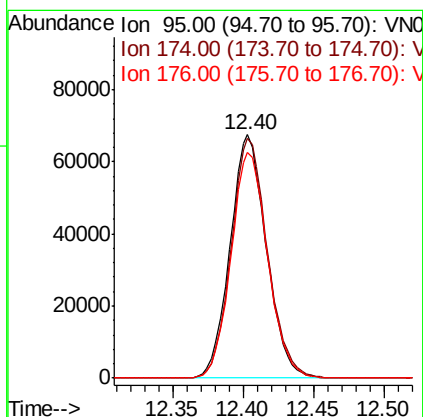
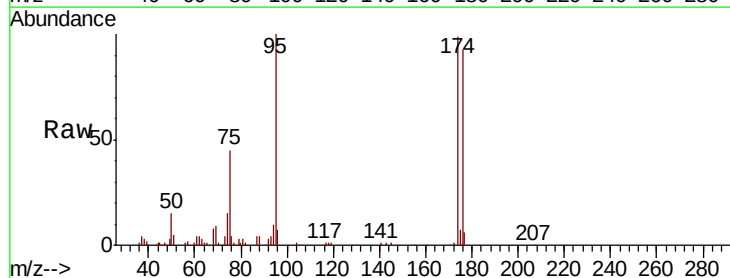
Instrument :
MSVOA_N
ClientSampleId :
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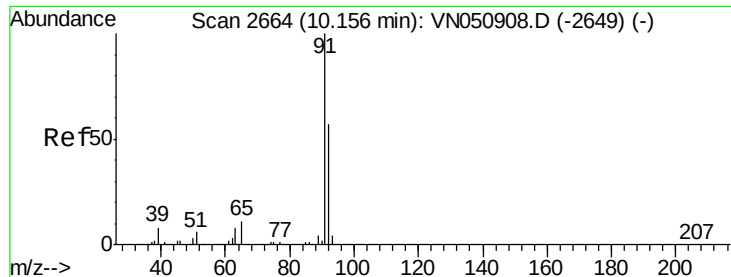
Tgt Ion: 117 Resp: 403572
Ion Ratio Lower Upper
117 100
82 52.3 42.6 64.0
119 32.2 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 20.207 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051292.D
Acq: 18 Sep 2018 12:58

Tgt Ion: 95 Resp: 121269
Ion Ratio Lower Upper
95 100
174 99.0 74.6 112.0
176 93.8 71.5 107.3





#62

Toluene

Concen: 49.257 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051292.D

Acq: 18 Sep 2018 12:58

Instrument :

MSVOA_N

ClientSampleId :

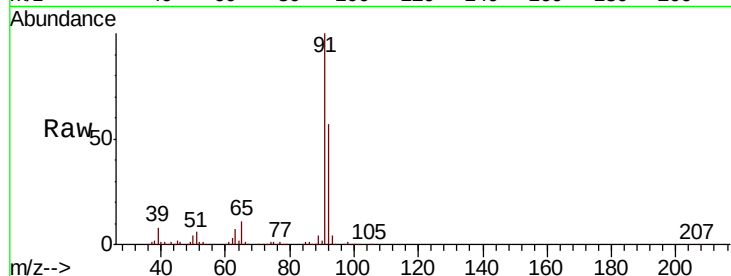
002-M-35TH-AVE

Tgt Ion: 91 Resp: 1109014

Ion Ratio Lower Upper

91 100

92 57.1 45.8 68.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

10.16

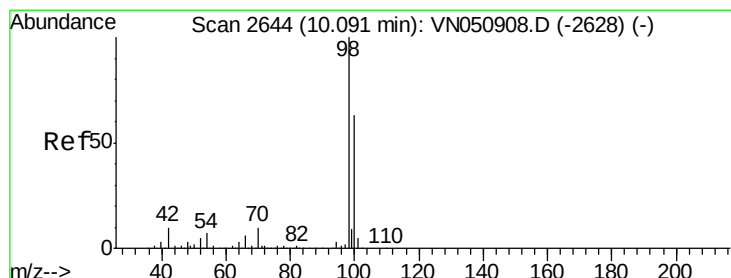
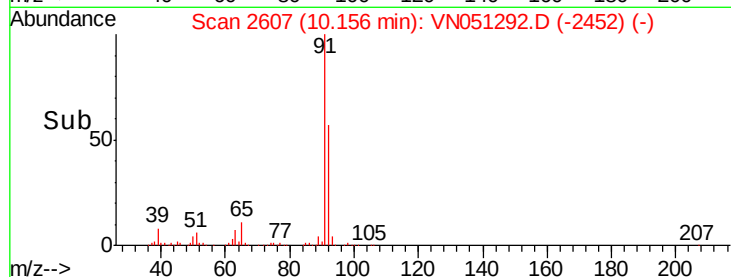
600000

400000

200000

0

Time-->



#63

Toluene-d8

Concen: 30.295 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051292.D

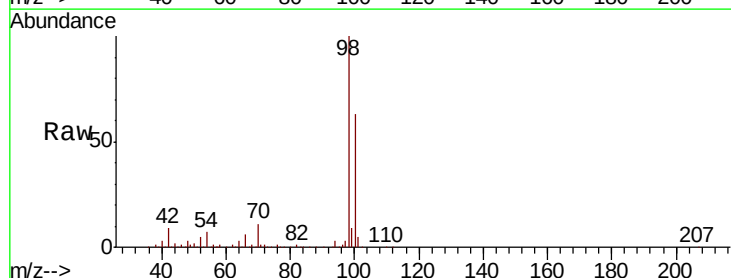
Acq: 18 Sep 2018 12:58

Tgt Ion: 98 Resp: 570154

Ion Ratio Lower Upper

98 100

100 62.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

10.09

300000

200000

100000

0

Time-->

