

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051044.D
 Acq On : 7 Sep 2018 10:00
 Operator : MD\SY
 Sample : J4817-01DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001M-WILLETS-PT-BLVDDL

Quant Time: Sep 08 01:26:06 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	132896	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	660417	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	578794	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	258297	30.46	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.53%
60) 4-Bromofluorobenzene	12.40	95	196204	22.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	76.00%
63) Toluene-d8	10.09	98	790386	29.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.60%

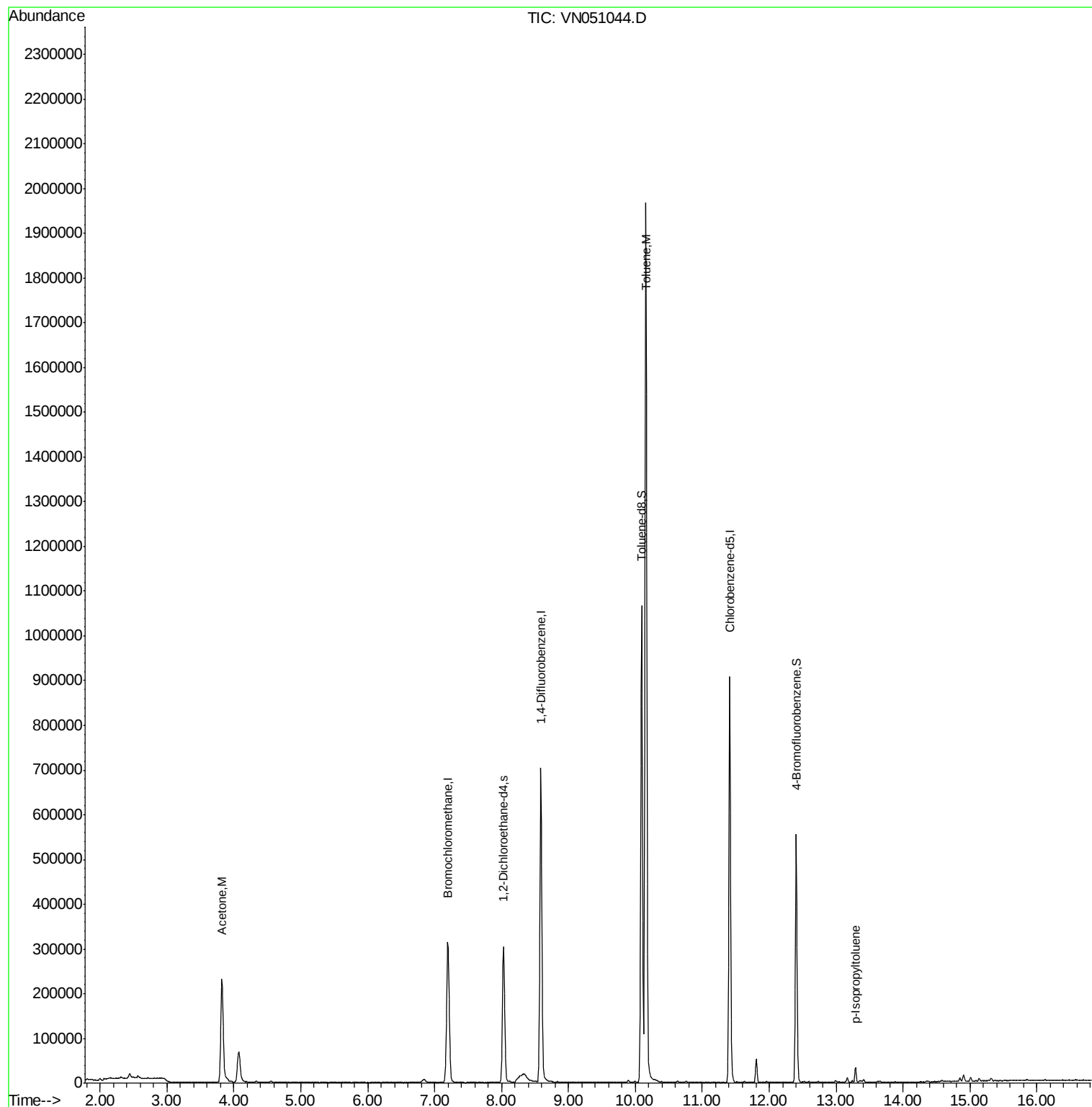
Target Compounds					Ovalue
15) Acetone	3.82	58	131977	183.71	ug/l 94
62) Toluene	10.16	91	1600870	49.58	ug/l 100
82) p-Isopropyltoluene	13.29	119	15464	0.59	ug/l 96

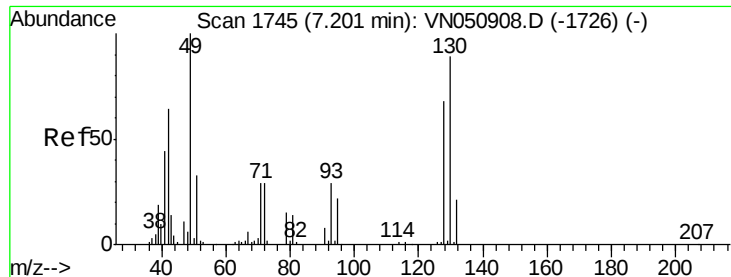
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051044.D

Acq: 7 Sep 2018 10:00

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MSVOA_N

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001M-WILLETS-PT-BLVDDL

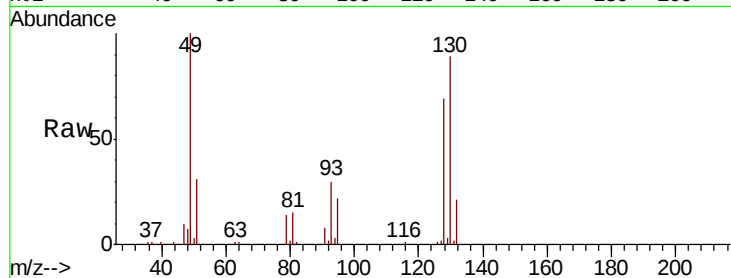
Tot Ion:128 Resp: 132896

Ion Ratio Lower Upper

128 100

49 147.8 0.0 380.3

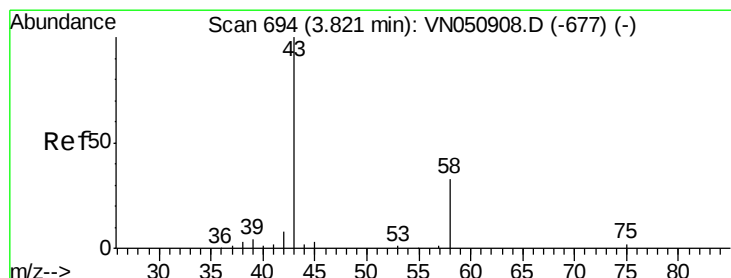
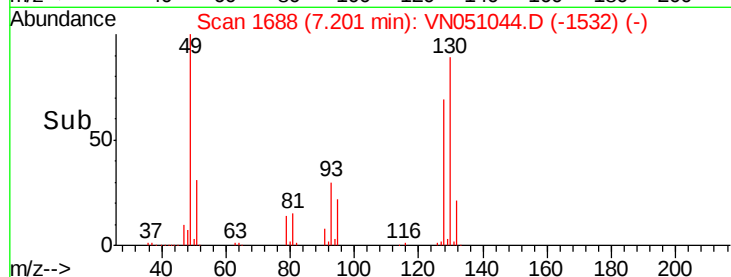
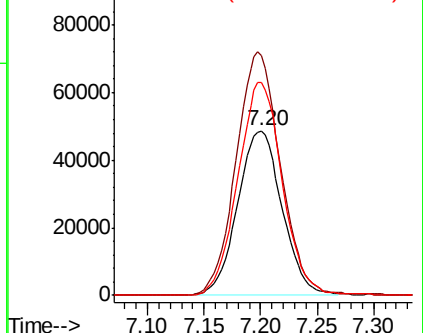
130 129.3 0.0 325.3



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: 183.71 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051044.D

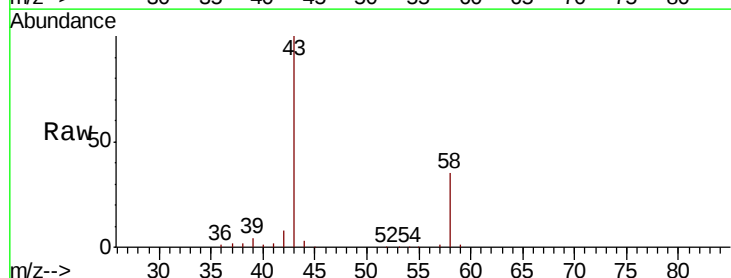
Acq: 7 Sep 2018 10:00

Tgt Ion: 58 Resp: 131977

Ion Ratio Lower Upper

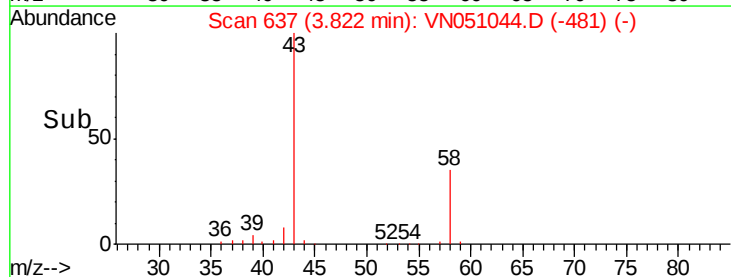
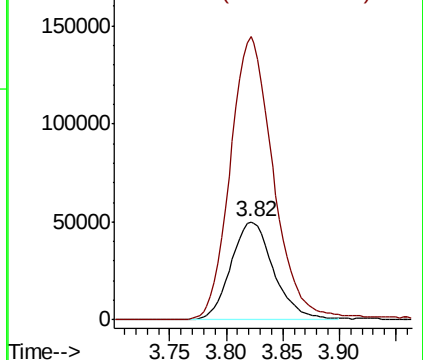
58 100

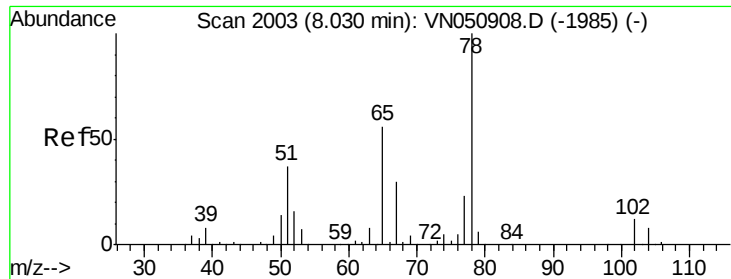
43 287.3 239.4 359.0



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: 30.46 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051044.D

Acq: 7 Sep 2018 10:00

Instrument :

MSVOA_N

ClientSampleId :

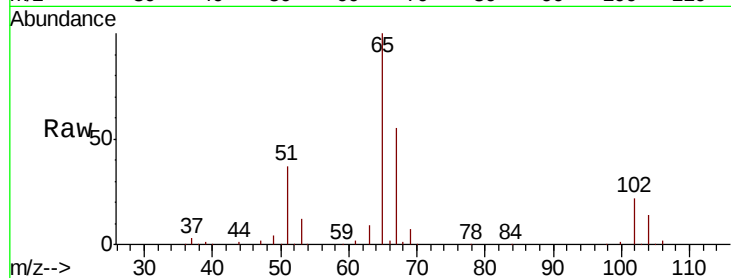
001M-WILLETS-PT-BLVDDL

Tot Ion: 65 Resp: 258297

Ion Ratio Lower Upper

65 100

67 53.9 43.7 65.5



Abundance Ion 65.00 (64.70 to 65.70): VN051044.D (-1946) (-)

Ion 67.00 (66.70 to 67.70): VN051044.D (-1946) (-)

8.03

120000

100000

80000

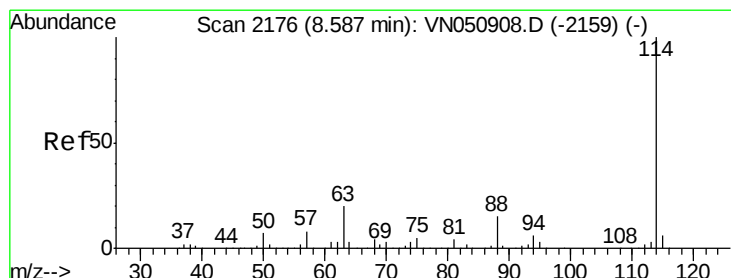
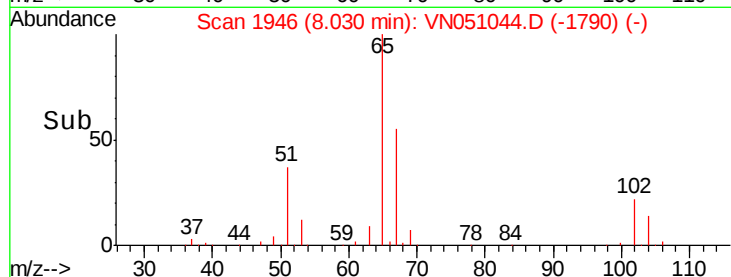
60000

40000

20000

0

Time-->



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051044.D

Acq: 7 Sep 2018 10:00

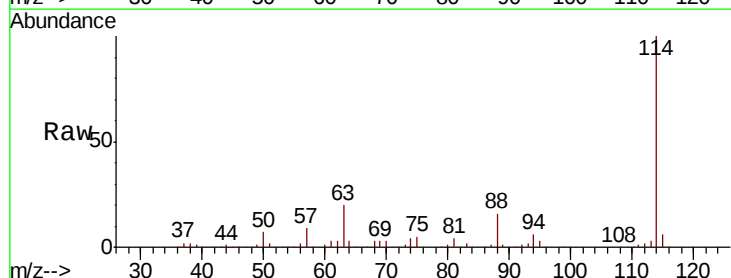
Tgt Ion: 114 Resp: 660417

Ion Ratio Lower Upper

114 100

63 19.3 15.6 23.4

88 15.1 12.2 18.4



Abundance Ion 114.00 (113.70 to 114.70): VN051044.D (-2119) (-)

Ion 63.00 (62.70 to 63.70): VN051044.D (-2119) (-)

Ion 88.00 (87.70 to 88.70): VN051044.D (-2119) (-)

8.59

400000

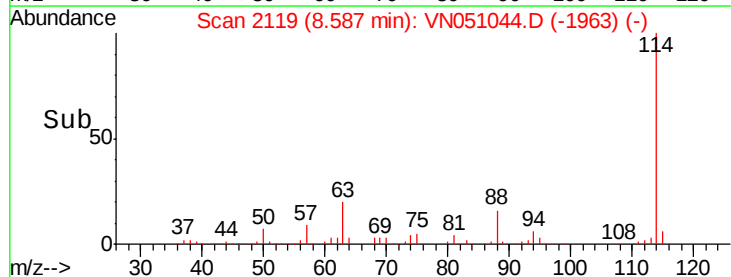
300000

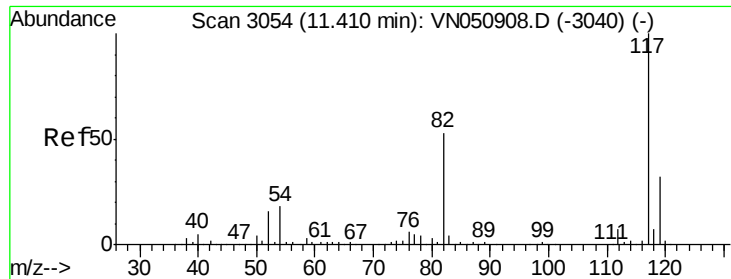
200000

100000

0

Time-->

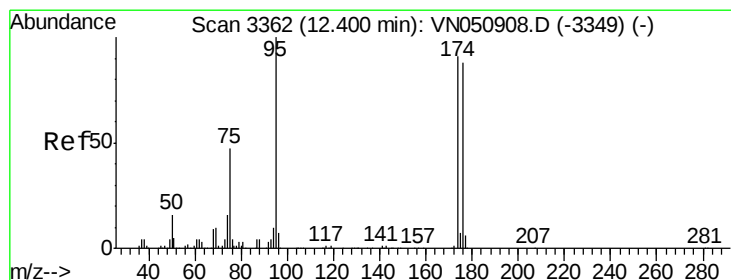
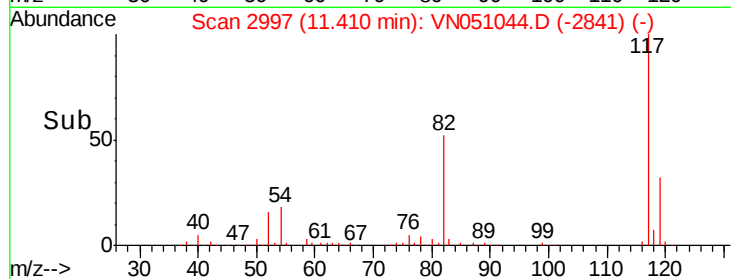
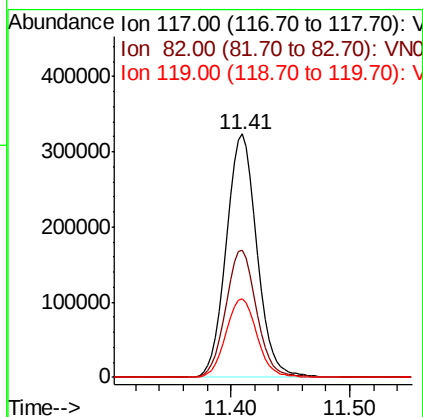
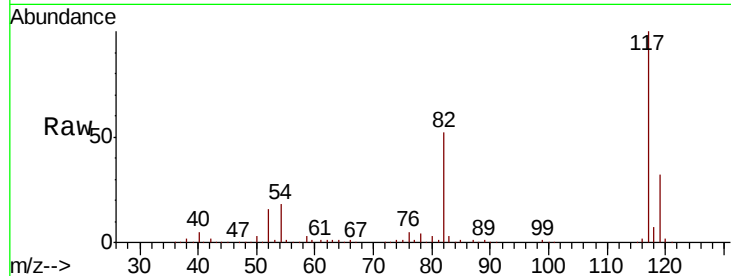




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051044.D
Acq: 7 Sep 2018 10:00

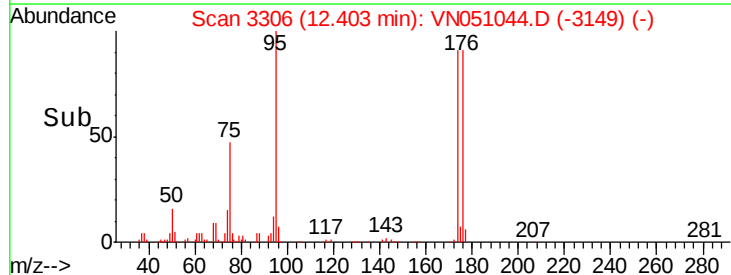
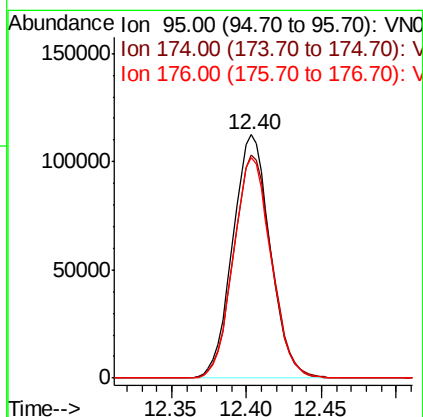
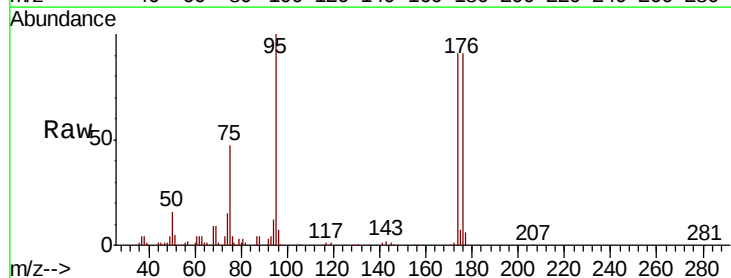
Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVDDL

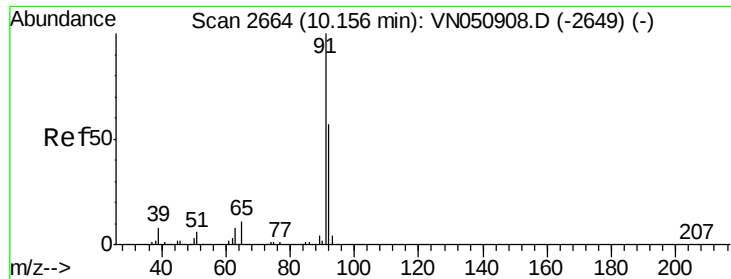
Tot Ion:117 Resp: 578794
Ion Ratio Lower Upper
117 100
82 52.7 42.6 64.0
119 32.6 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 22.80 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051044.D
Acq: 7 Sep 2018 10:00

Tgt Ion: 95 Resp: 196204
Ion Ratio Lower Upper
95 100
174 92.9 74.6 112.0
176 90.9 71.5 107.3





#62

Toluene

Concen: 49.58 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051044.D

Acq: 7 Sep 2018 10:00

Instrument :

MSVOA_N

ClientSampleId :

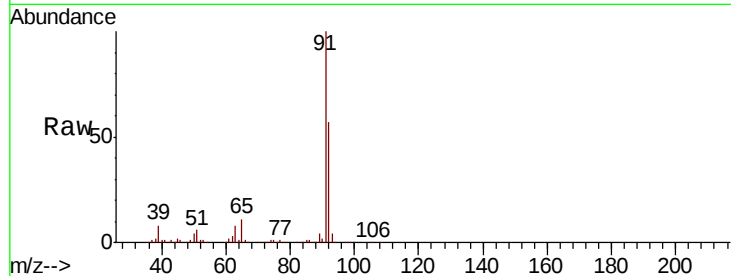
001M-WILLETS-PT-BLVDDL

Tot Ion: 91 Resp: 1600870

Ion Ratio Lower Upper

91 100

92 57.1 45.8 68.8



Abundance Ion 91.00 (90.70 to 91.70): VN051044.D (-2451) (-)

Ion 92.00 (91.70 to 92.70): VN051044.D (-2451) (-)

10.16

800000

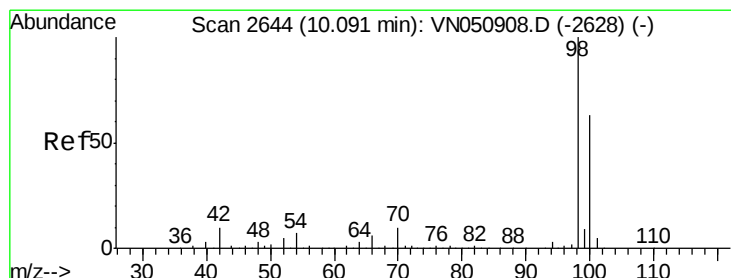
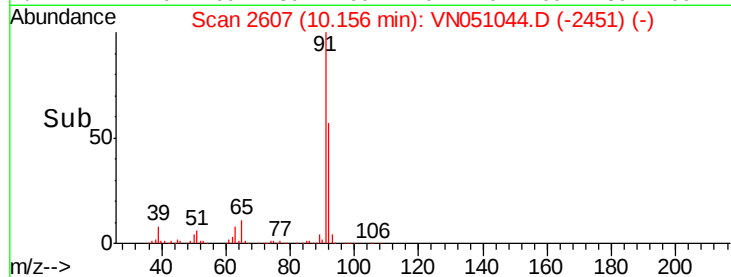
600000

400000

200000

0

Time-->



#63

Toluene-d8

Concen: 29.28 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051044.D

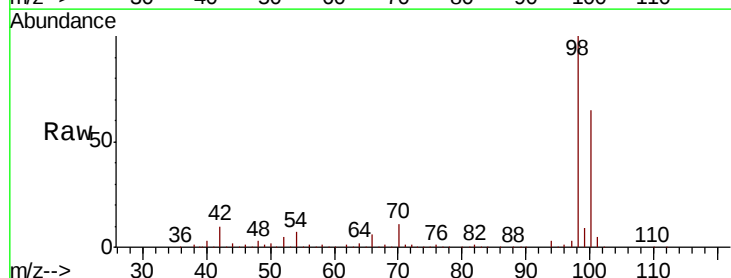
Acq: 7 Sep 2018 10:00

Tgt Ion: 98 Resp: 790386

Ion Ratio Lower Upper

98 100

100 63.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN051044.D (-2431) (-)

Ion 100.00 (99.70 to 100.70): VN051044.D (-2431) (-)

10.09

500000

400000

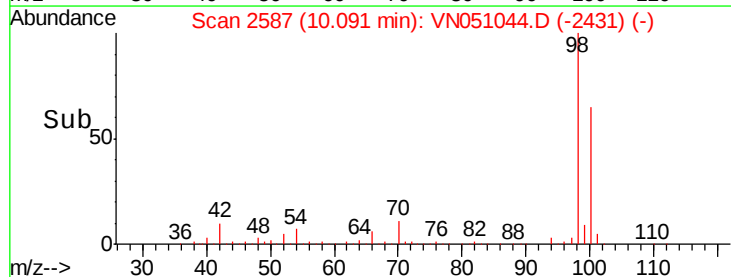
300000

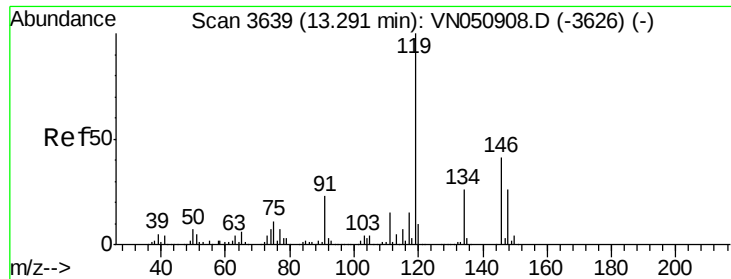
200000

100000

0

Time-->





#82
 p-Isopropyltoluene
 Concen: 0.59 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051044.D
 Acq: 7 Sep 2018 10:00

Instrument :
 MSVOA_N
 ClientSampleId :
 001M-WILLETS-PT-BLVDDL

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.1	0.0	53.2
91	25.4	0.0	46.0

