

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
 Data File : VN051291.D
 Acq On : 18 Sep 2018 12:33
 Operator : MD\SY
 Sample : J4932-01 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Sep 18 15:20:45 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	101893	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	510250	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	417443	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	187278	28.80	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.00%
60) 4-Bromofluorobenzene	12.40	95	126880	20.44	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	68.13%
63) Toluene-d8	10.09	98	590694	30.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.13%

Target Compounds

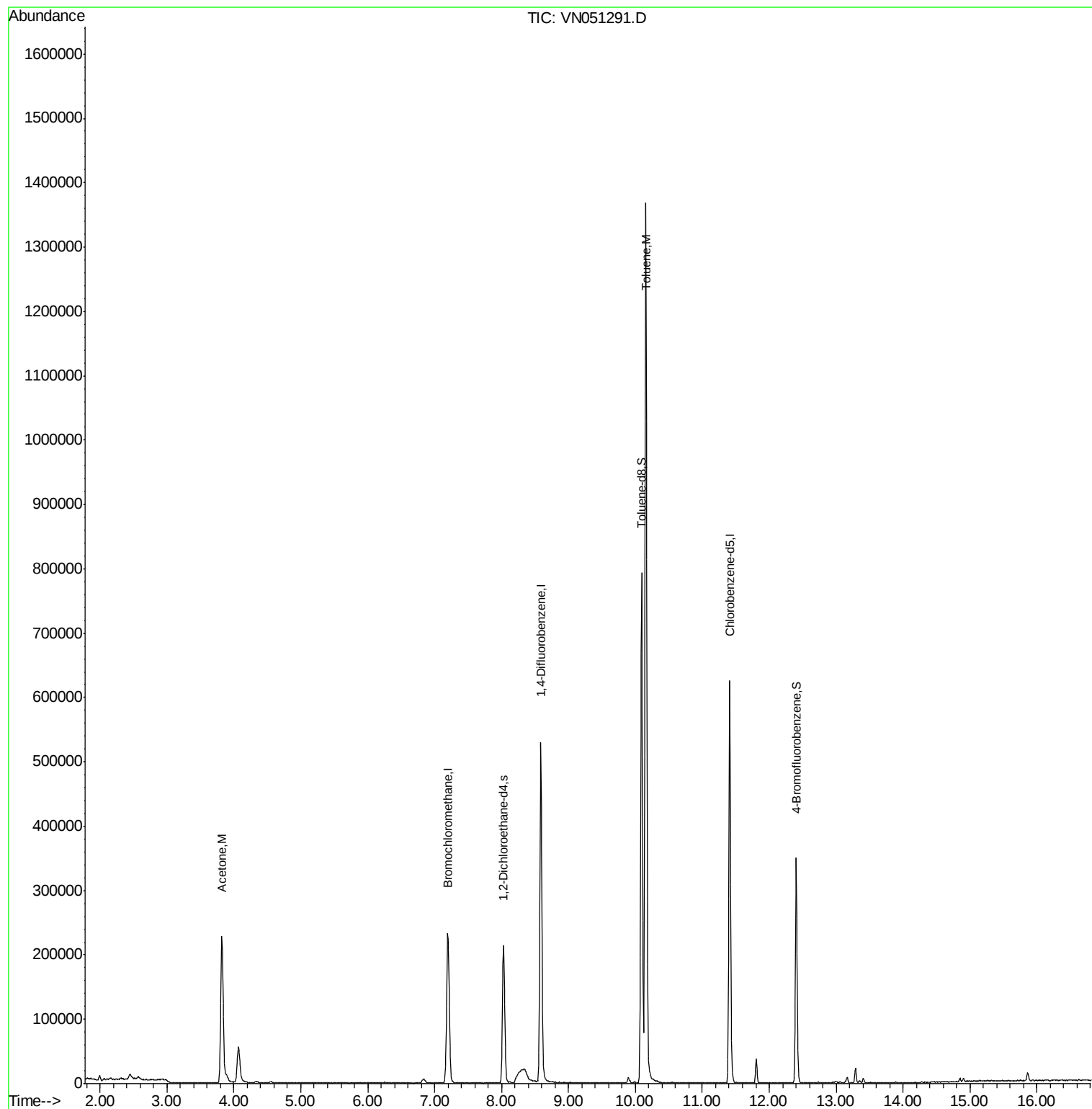
					Qvalue
15) Acetone	3.82	58	136373	247.583 ug/l	91
62) Toluene	10.16	91	1104503	47.426 ug/l	99

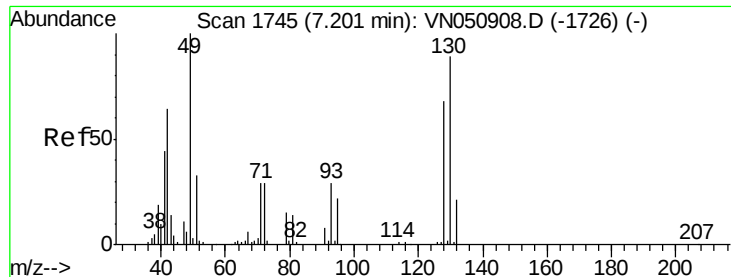
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

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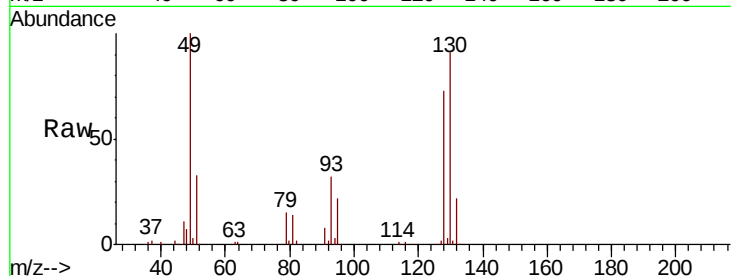
Tgt Ion:128 Resp: 101893

Ion Ratio Lower Upper

128 100

49 138.6 0.0 380.3

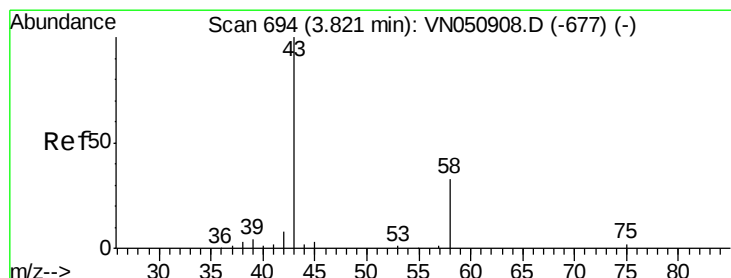
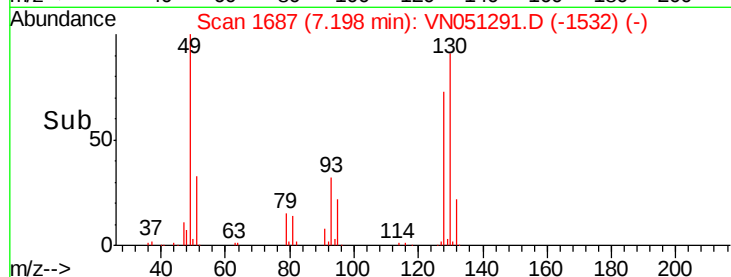
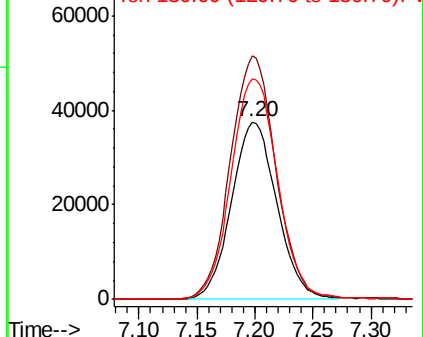
130 128.6 0.0 325.3



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: 247.583 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN051291.D

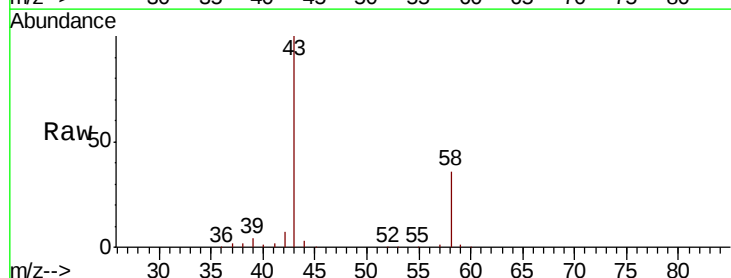
Acq: 18 Sep 2018 12:33

Tgt Ion: 58 Resp: 136373

Ion Ratio Lower Upper

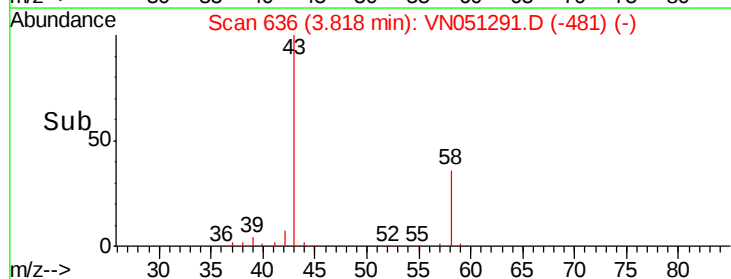
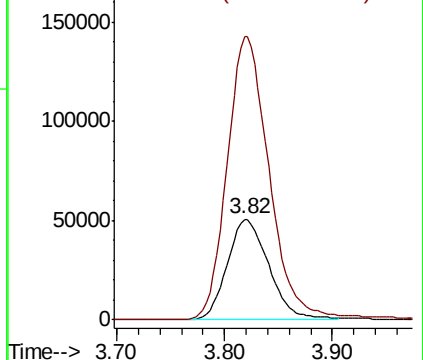
58 100

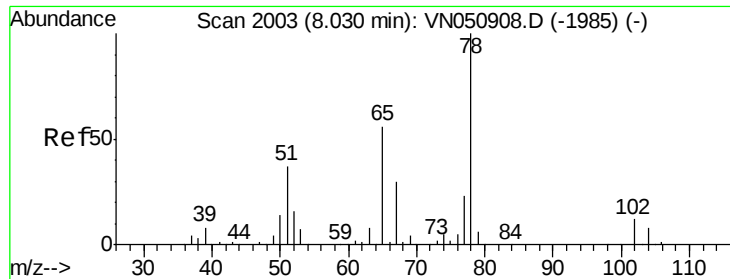
43 280.6 239.4 359.0



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: 28.802 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051291.D

Acq: 18 Sep 2018 12:33

Instrument :

MSVOA_N

ClientSampleId :

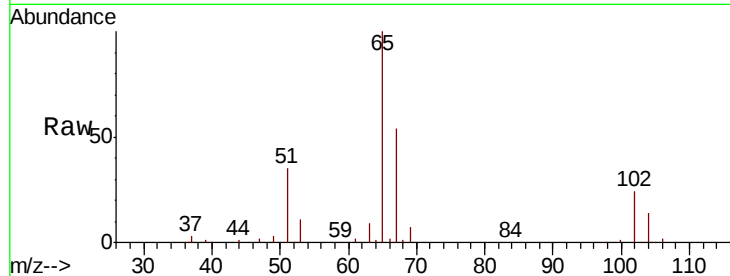
001-M-WILLETS-PT-BLVD

Tgt Ion: 65 Resp: 187278

Ion Ratio Lower Upper

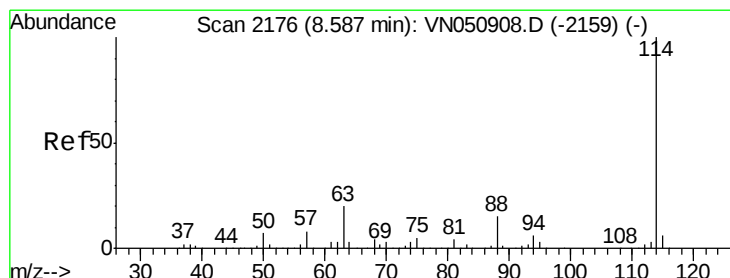
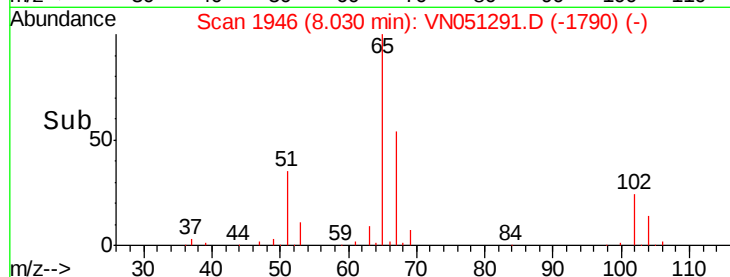
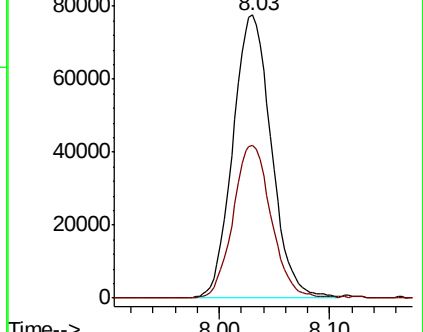
65 100

67 53.6 43.7 65.5



Abundance Ion 65.00 (64.70 to 65.70): VN051291.D (-1946) (-)

Ion 67.00 (66.70 to 67.70): VN051291.D (-1946) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051291.D

Acq: 18 Sep 2018 12:33

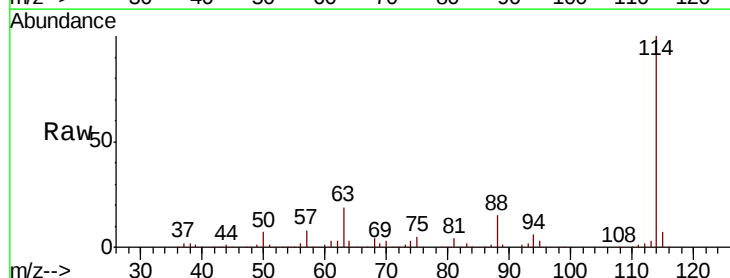
Tgt Ion: 114 Resp: 510250

Ion Ratio Lower Upper

114 100

63 18.6 15.6 23.4

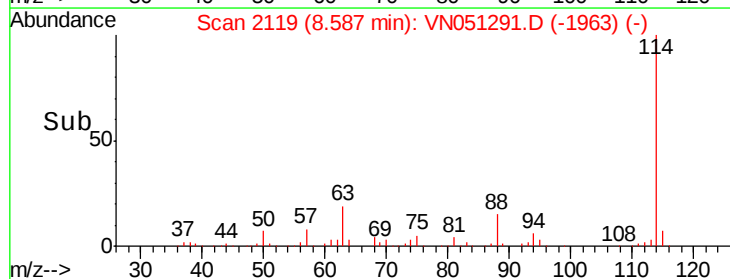
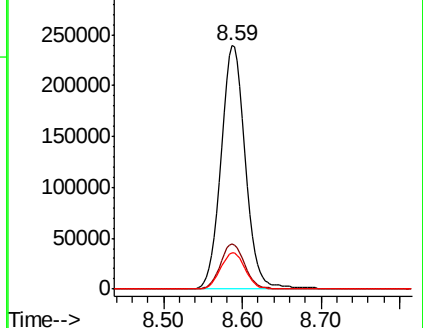
88 15.2 12.2 18.4

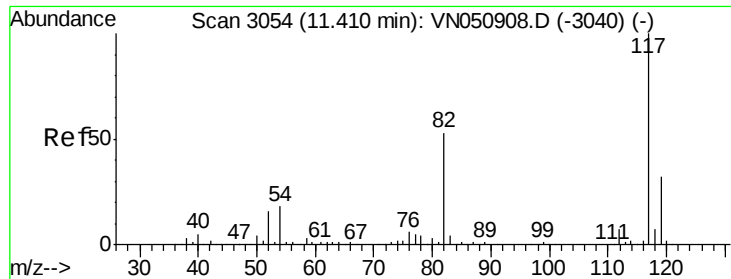


Abundance Ion 114.00 (113.70 to 114.70): VN051291.D (-2119) (-)

Ion 63.00 (62.70 to 63.70): VN051291.D (-2119) (-)

Ion 88.00 (87.70 to 88.70): VN051291.D (-2119) (-)

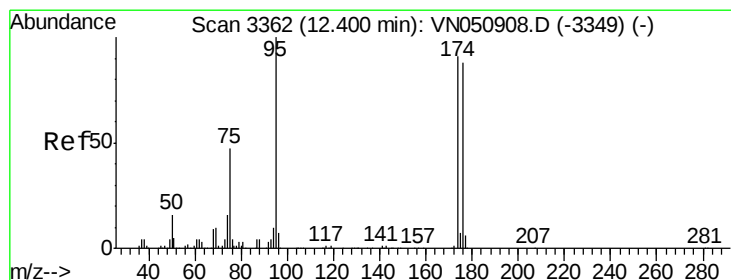
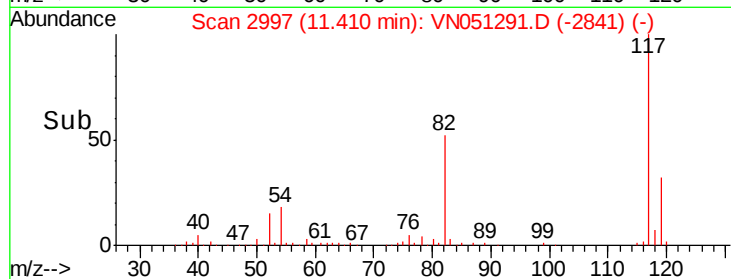
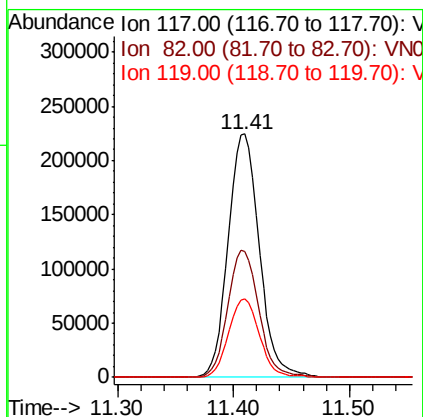
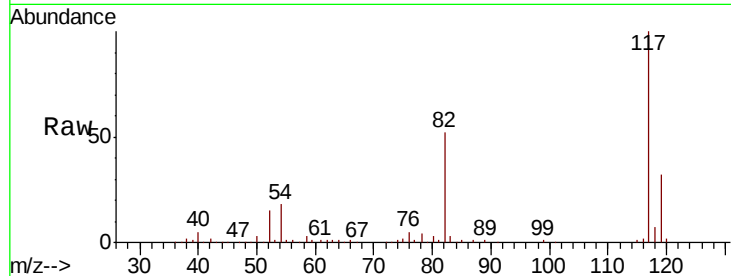




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051291.D
Acq: 18 Sep 2018 12:33

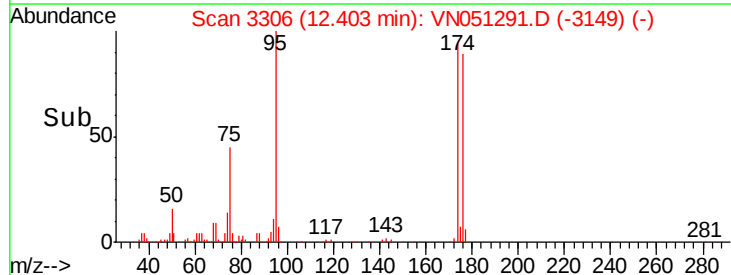
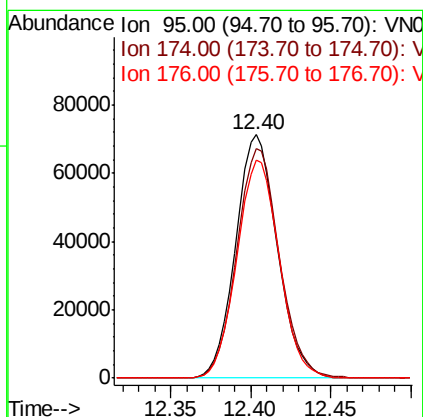
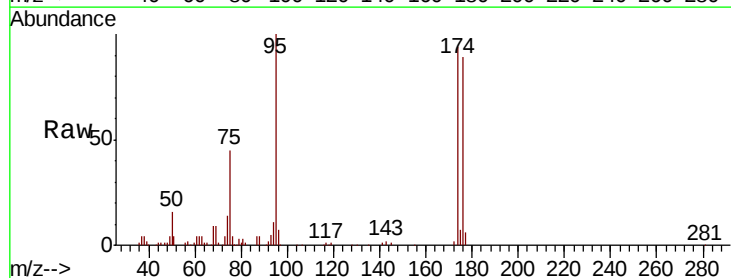
Instrument :
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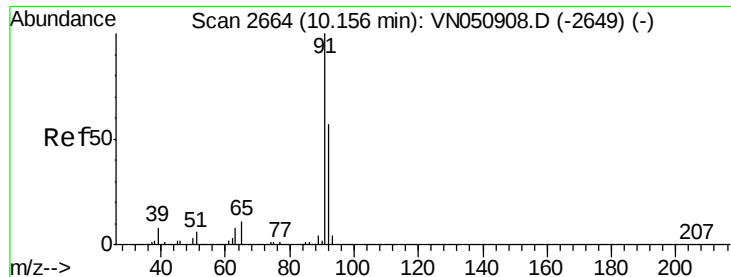
Tgt Ion: 117 Resp: 417443
Ion Ratio Lower Upper
117 100
82 52.0 42.6 64.0
119 32.0 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 20.440 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051291.D
Acq: 18 Sep 2018 12:33

Tgt Ion: 95 Resp: 126880
Ion Ratio Lower Upper
95 100
174 96.1 74.6 112.0
176 90.8 71.5 107.3





#62

Toluene

Concen: 47.426 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051291.D

Acq: 18 Sep 2018 12:33

Instrument :

MSVOA_N

ClientSampleId :

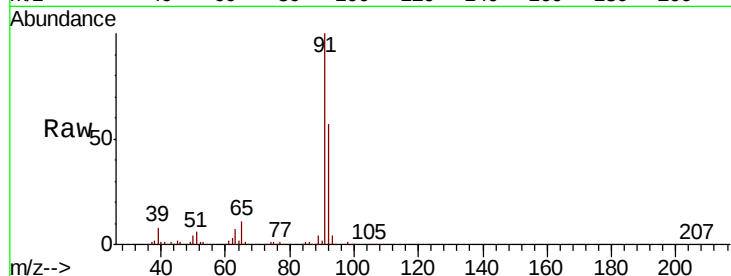
001-M-WILLETS-PT-BLVD

Tgt Ion: 91 Resp: 1104503

Ion Ratio Lower Upper

91 100

92 56.6 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

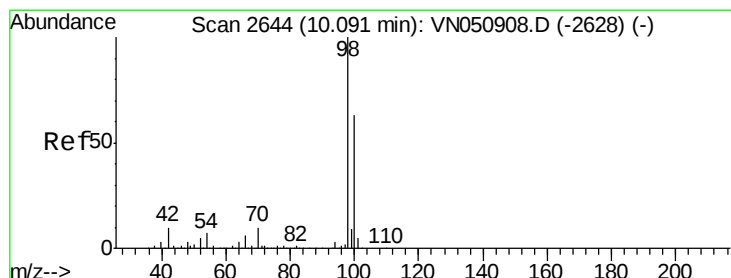
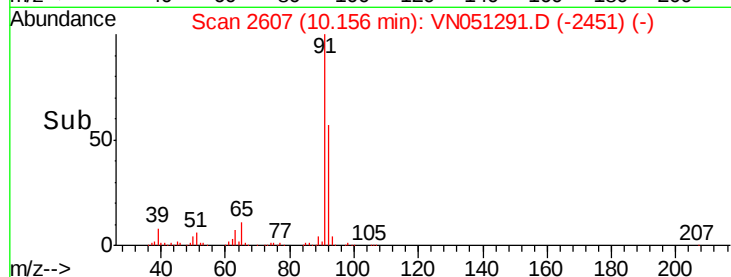
600000

400000

200000

0

Time-->



#63

Toluene-d8

Concen: 30.344 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051291.D

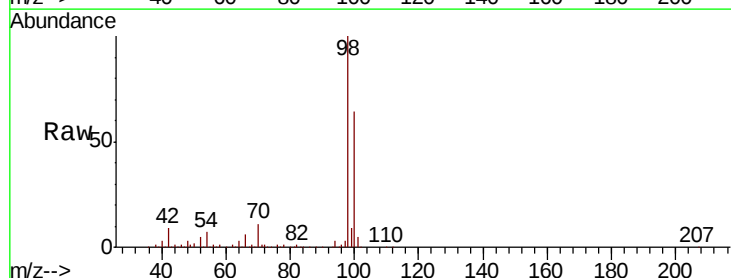
Acq: 18 Sep 2018 12:33

Tgt Ion: 98 Resp: 590694

Ion Ratio Lower Upper

98 100

100 63.4 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

300000

200000

100000

0

Time-->

