

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090618\
 Data File : VN051034.D
 Acq On : 6 Sep 2018 16:04
 Operator : MD\SY
 Sample : J4819-01DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001M-WILLETS-PT-BLVD(SEP)DL

Quant Time: Sep 07 11:13:46 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	132012	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	669513	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	586408	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	254076	30.16	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.53%
60) 4-Bromofluorobenzene	12.40	95	208508	23.91	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	79.70%
63) Toluene-d8	10.09	98	792943	29.00	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.67%

Target Compounds

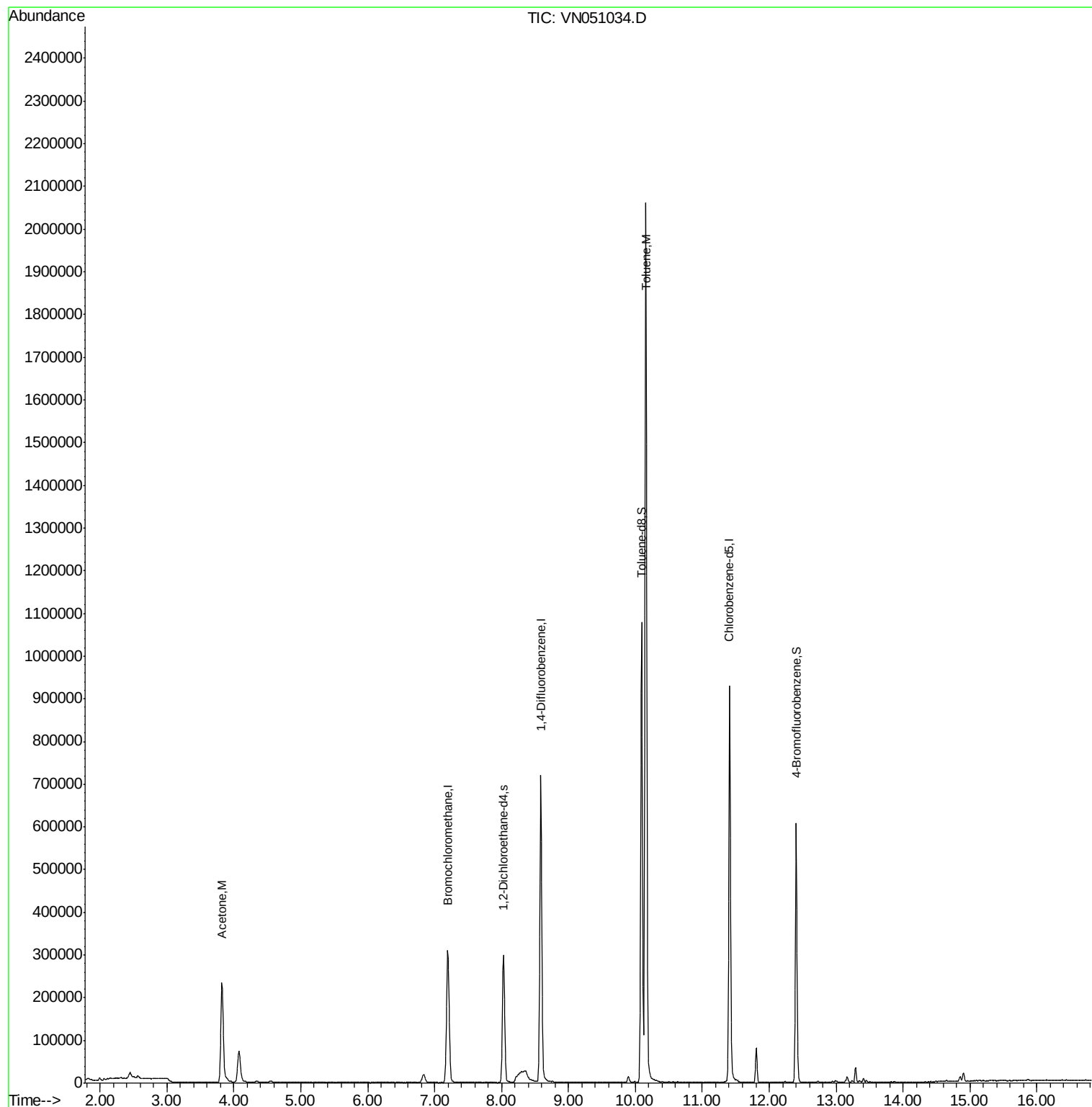
					Ovalue
15) Acetone	3.82	58	135893	190.42	ug/l 99
62) Toluene	10.16	91	1643750	50.24	ug/l 99

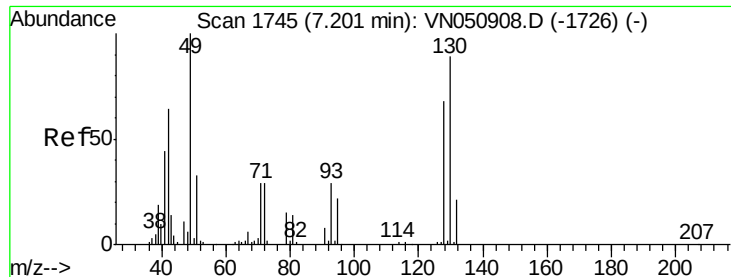
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

001M-WILLETS-PT-BLVD(SEP)DL

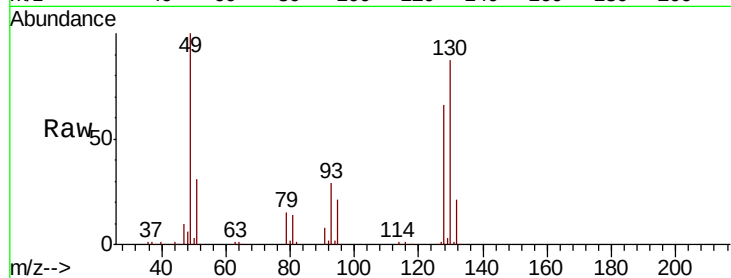
Tot Ion:128 Resp: 132012

Ion Ratio Lower Upper

128 100

49 149.2 0.0 380.3

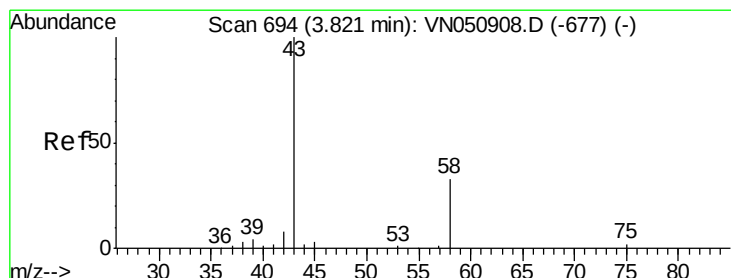
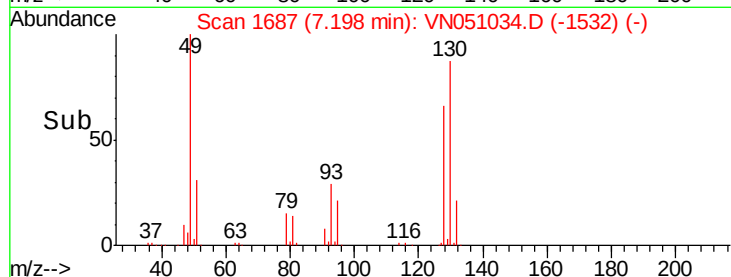
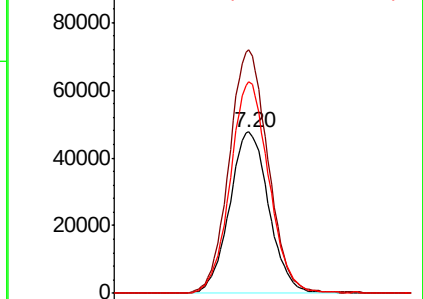
130 128.4 0.0 325.3



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: 190.42 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051034.D

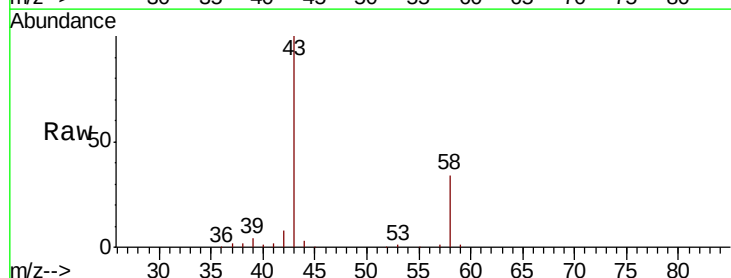
Acq: 6 Sep 2018 16:04

Tgt Ion: 58 Resp: 135893

Ion Ratio Lower Upper

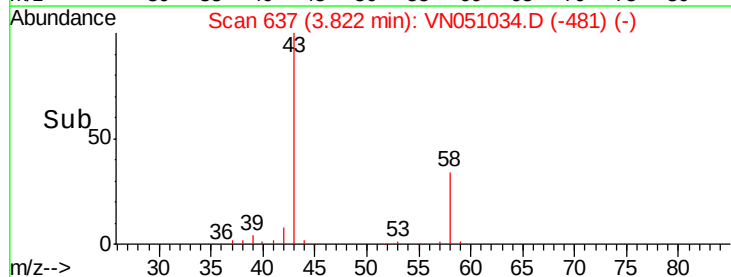
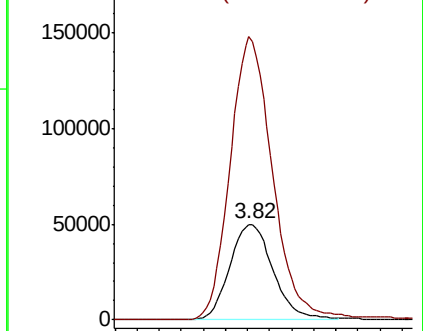
58 100

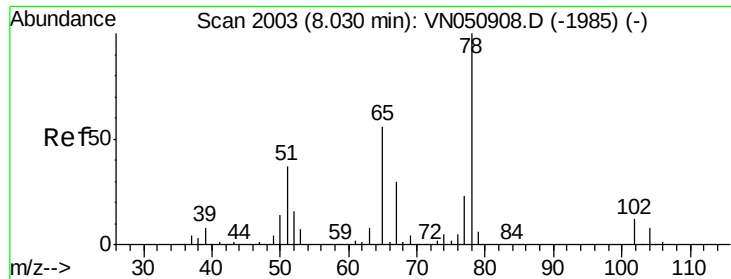
43 296.8 239.4 359.0



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

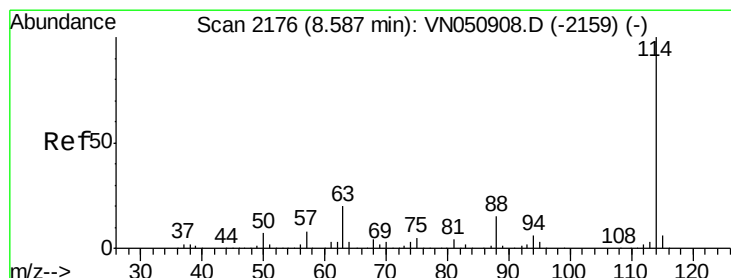
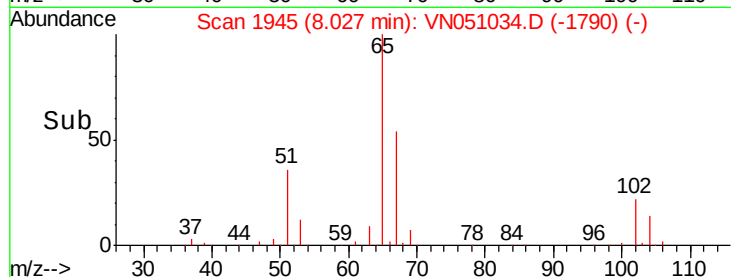
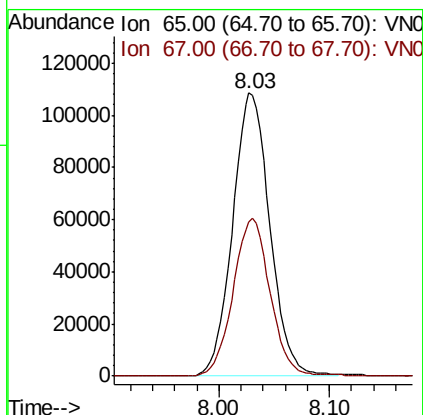
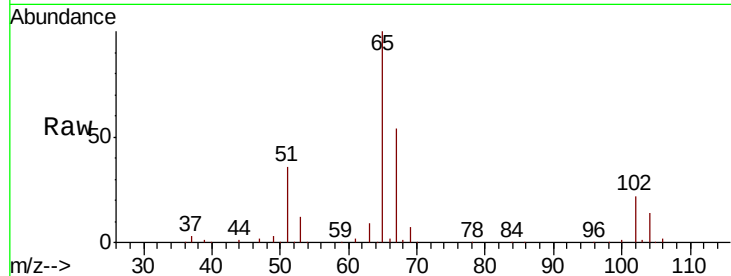




#27
 1,2-Dichloroethane-d4
 Concen: 30.16 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051034.D
 Acq: 6 Sep 2018 16:04

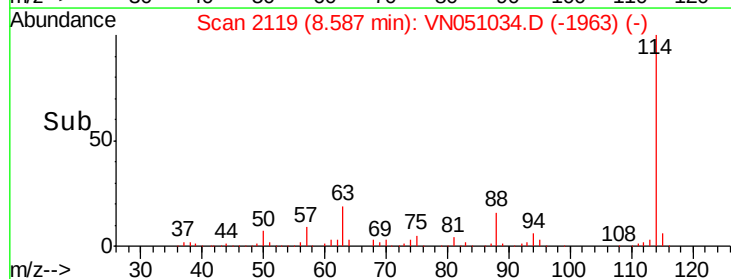
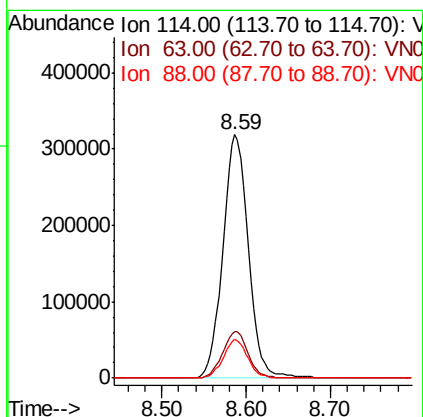
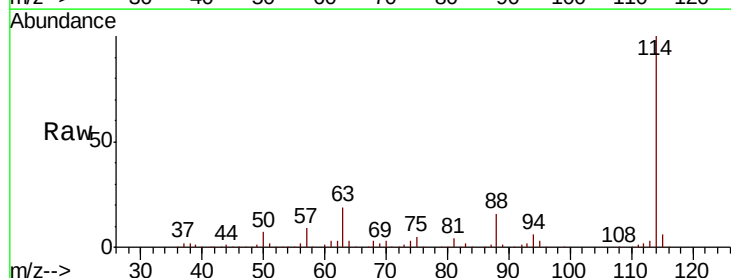
Instrument :
 MSVOA_N
 ClientSampleId :
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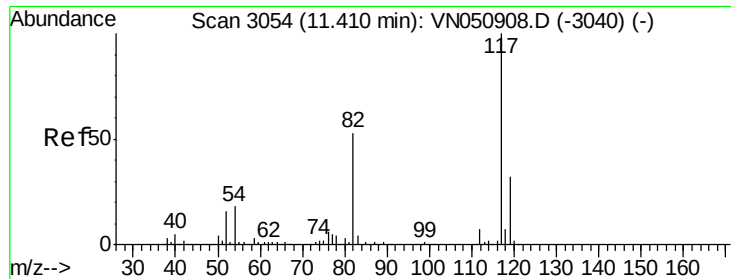
Tot Ion: 65 Resp: 254076
 Ion Ratio Lower Upper
 65 100
 67 55.0 43.7 65.5



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051034.D
 Acq: 6 Sep 2018 16:04

Tgt Ion: 114 Resp: 669513
 Ion Ratio Lower Upper
 114 100
 63 19.0 15.6 23.4
 88 15.2 12.2 18.4

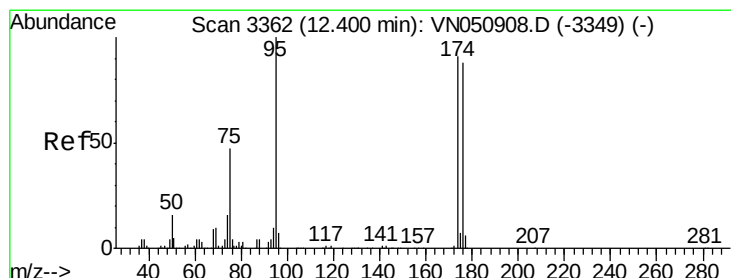
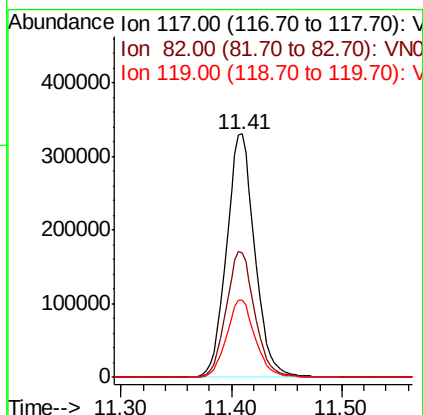
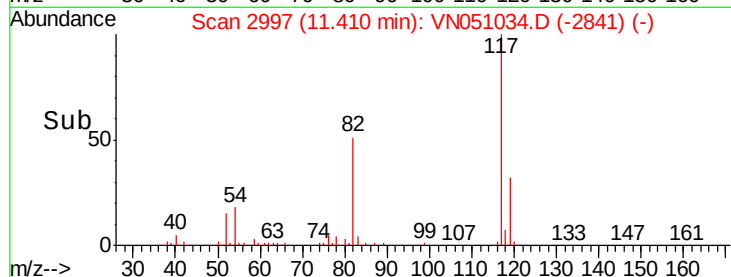
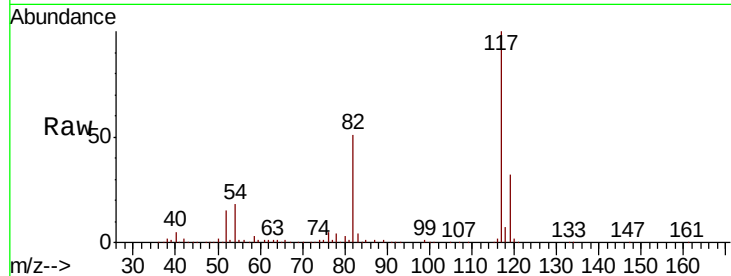




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051034.D
Acq: 6 Sep 2018 16:04

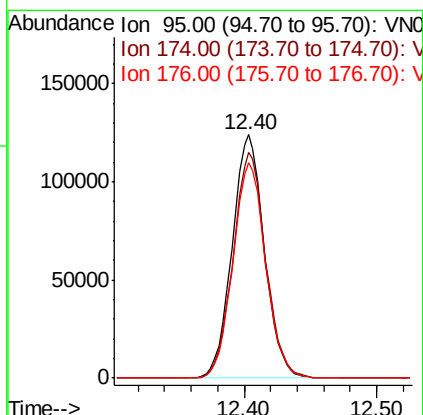
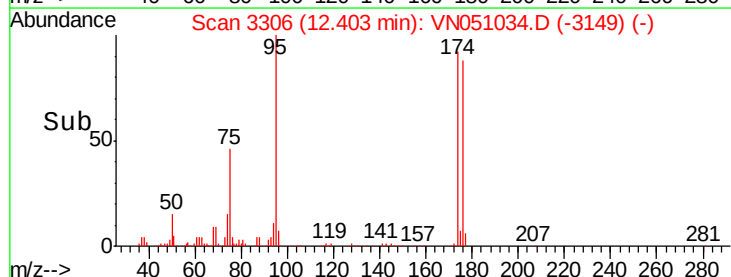
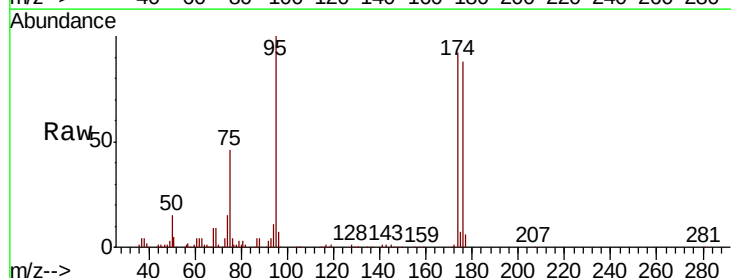
Instrument :
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ClientSampleId :
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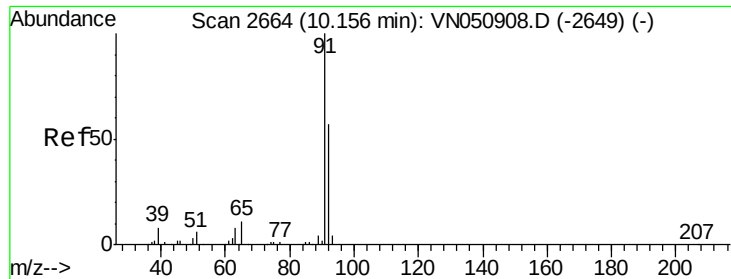
Tot Ion:117 Resp: 586408
Ion Ratio Lower Upper
117 100
82 52.3 42.6 64.0
119 32.3 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 23.91 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051034.D
Acq: 6 Sep 2018 16:04

Tgt Ion: 95 Resp: 208508
Ion Ratio Lower Upper
95 100
174 93.8 74.6 112.0
176 89.7 71.5 107.3





#62

Toluene

Concen: 50.24 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051034.D

Acq: 6 Sep 2018 16:04

Instrument :

MSVOA_N

ClientSampleId :

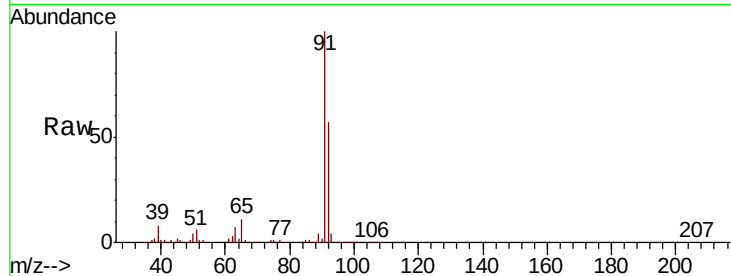
001M-WILLETS-PT-BLVD(SEP)DL

Tot Ion: 91 Resp: 1643750

Ion Ratio Lower Upper

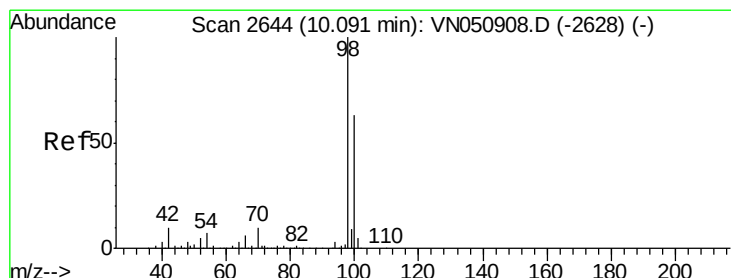
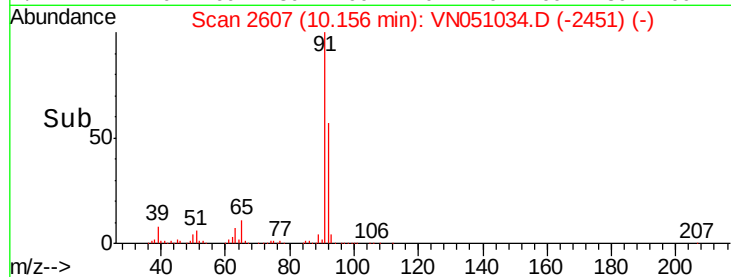
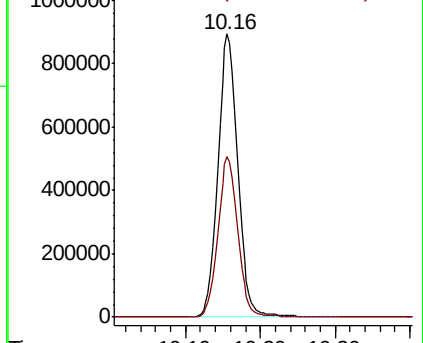
91 100

92 56.6 45.8 68.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0



#63

Toluene-d8

Concen: 29.00 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051034.D

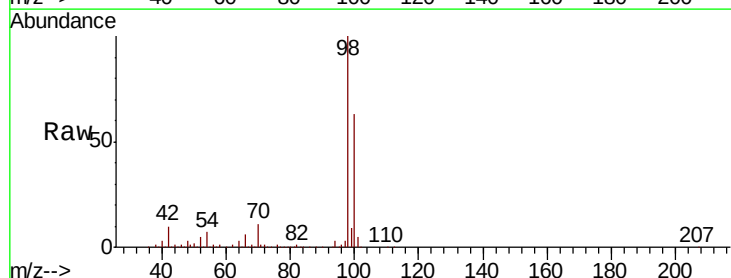
Acq: 6 Sep 2018 16:04

Tgt Ion: 98 Resp: 792943

Ion Ratio Lower Upper

98 100

100 62.8 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

