

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101518\
 Data File : VN051870.D
 Acq On : 15 Oct 2018 13:33
 Operator : MD\SY
 Sample : J5510-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 28

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

Quant Time: Oct 16 16:07:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	130932	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	750204	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	639670	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	241378	30.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.00%
60) 4-Bromofluorobenzene	12.40	95	240332	26.05	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.83%
63) Toluene-d8	10.09	98	841864	30.31	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.03%

Target Compounds

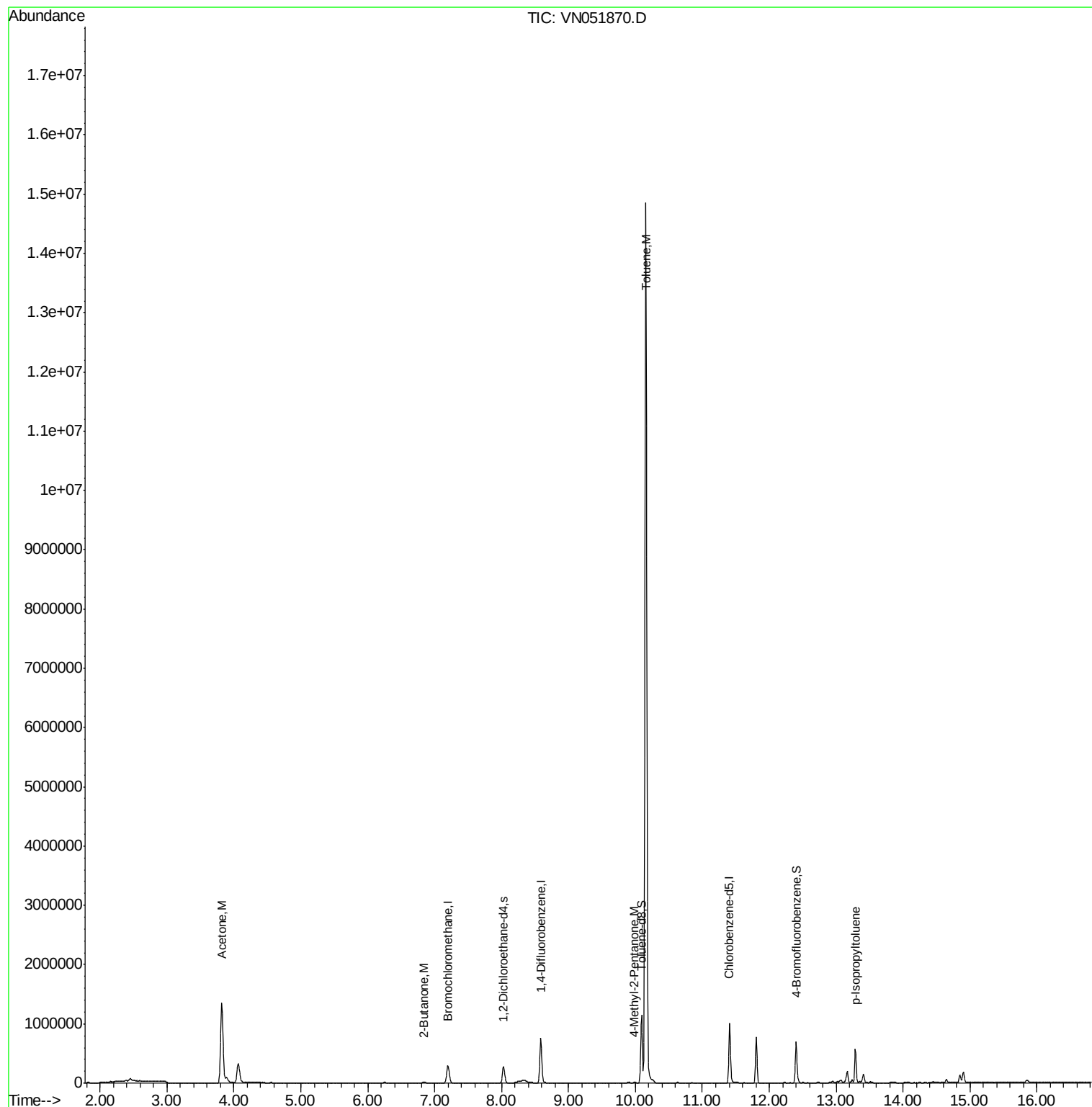
						Qvalue
15) Acetone	3.82	58	751492	1817.06	ug/l	95
30) 2-Butanone	6.84	43	23582	11.67	ug/l #	95
58) 4-Methyl-2-Pentanone	9.99	43	11126	2.60	ug/l #	80
62) Toluene	10.16	91	12135706	381.89	ug/l	98
82) p-Isopropyltoluene	13.29	119	322252	9.67	ug/l	96

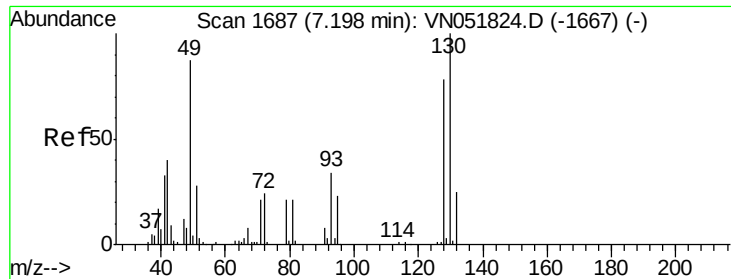
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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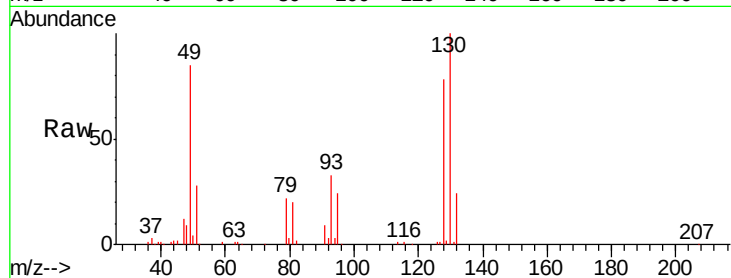




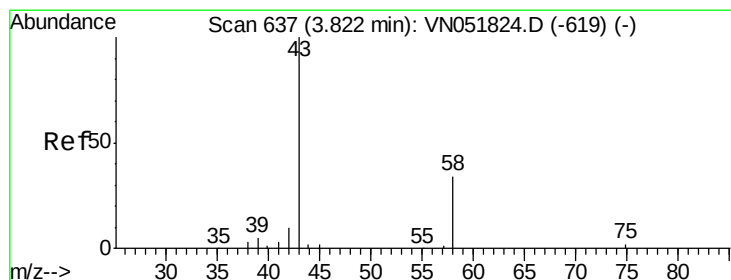
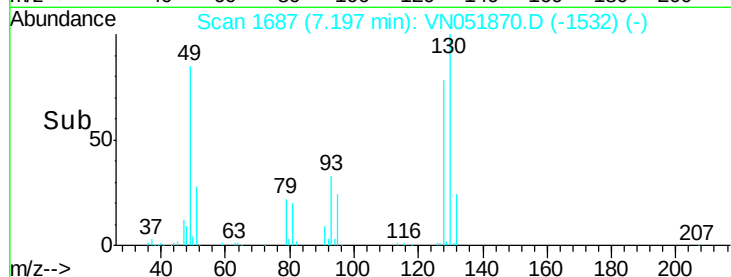
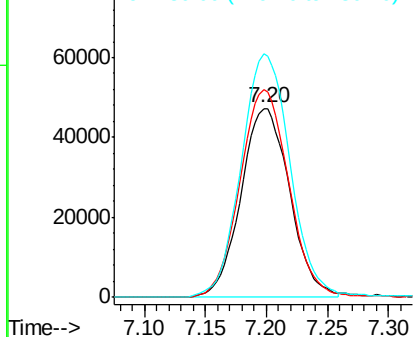
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN051870.D
 Acq: 15 Oct 2018 13:33

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

Tgt Ion: 128 Resp: 130932
 Ion Ratio Lower Upper
 128 100
 49 110.0 0.0 403.3
 130 130.0 0.0 326.0

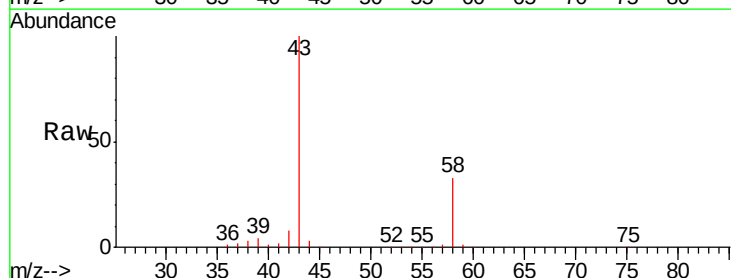


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

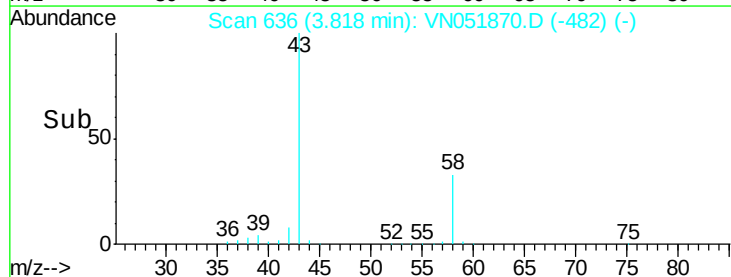
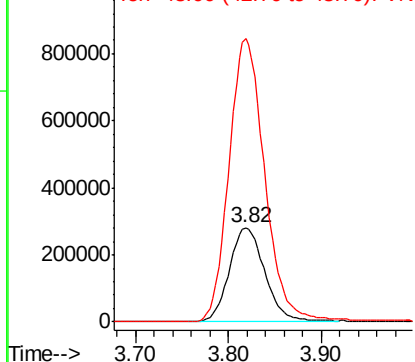


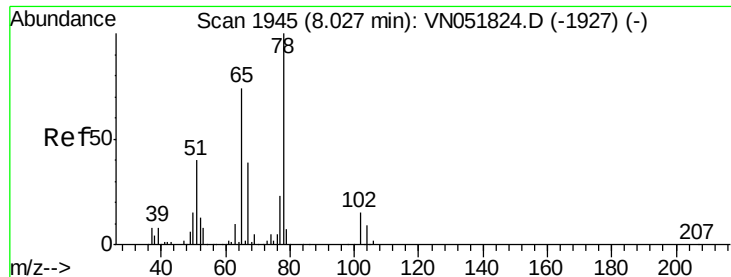
#15
 Acetone
 Concen: 1817.06 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VN051870.D
 Acq: 15 Oct 2018 13:33

Tgt Ion: 58 Resp: 751492
 Ion Ratio Lower Upper
 58 100
 43 299.9 232.2 348.2



Abundance Ion 58.00 (57.70 to 58.70): VN
 Ion 43.00 (42.70 to 43.70): VN

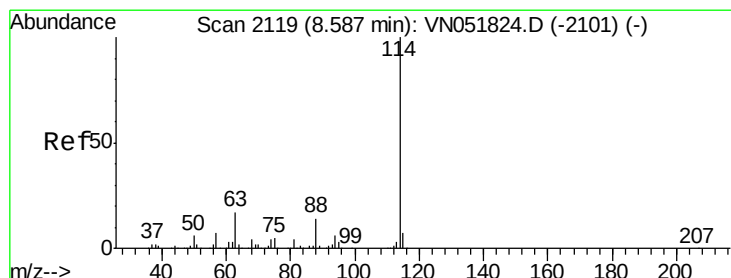
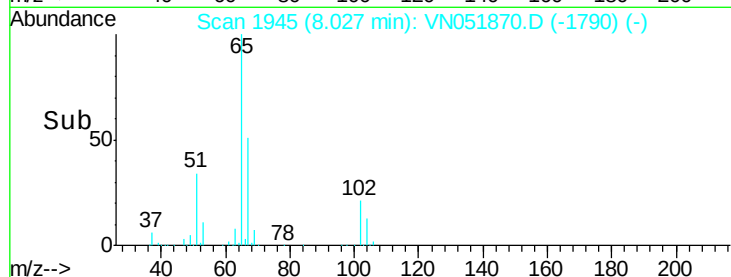
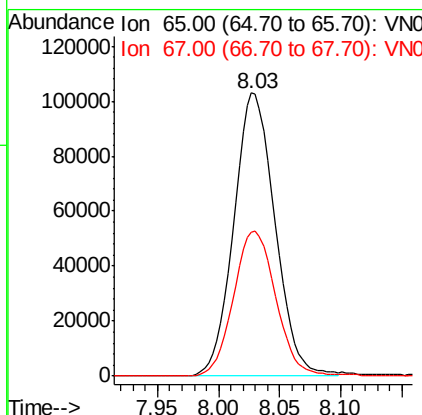
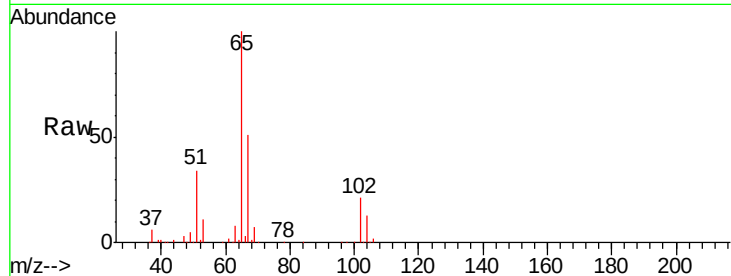




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051870.D
 Acq: 15 Oct 2018 13:33

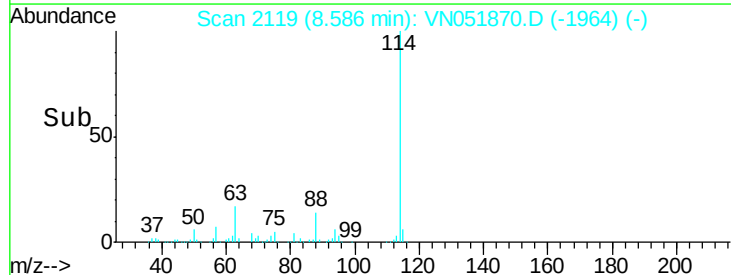
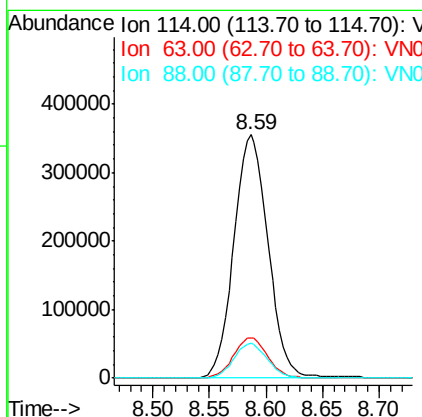
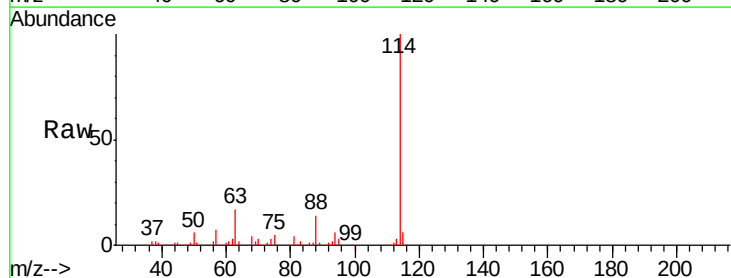
Instrument :
 MSVOA_N
 ClientSampleId :
 001M-WILLETS-PT-BLVD-OCT

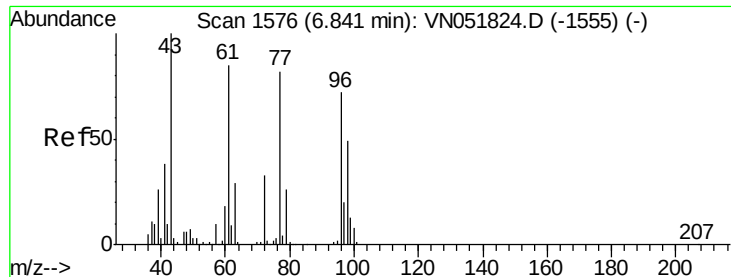
Tgt Ion: 65 Resp: 241378
 Ion Ratio Lower Upper
 65 100
 67 52.5 41.8 62.8



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051870.D
 Acq: 15 Oct 2018 13:33

Tgt Ion: 114 Resp: 750204
 Ion Ratio Lower Upper
 114 100
 63 16.6 16.2 24.2
 88 14.1 12.2 18.4

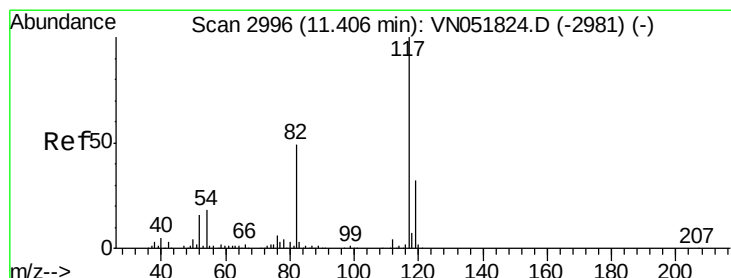
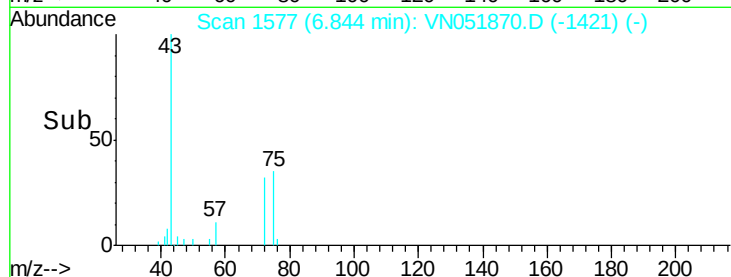
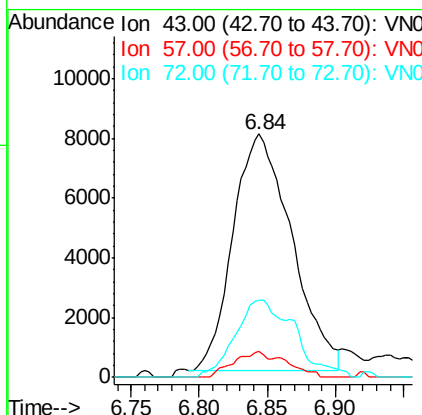
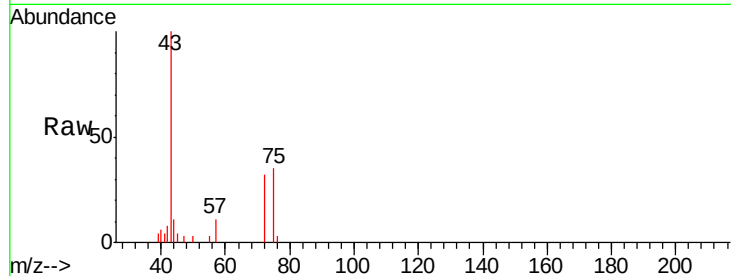




#30
 2-Butanone
 Concen: 11.67 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. 0.00 min
 Lab File: VN051870.D
 Acq: 15 Oct 2018 13:33

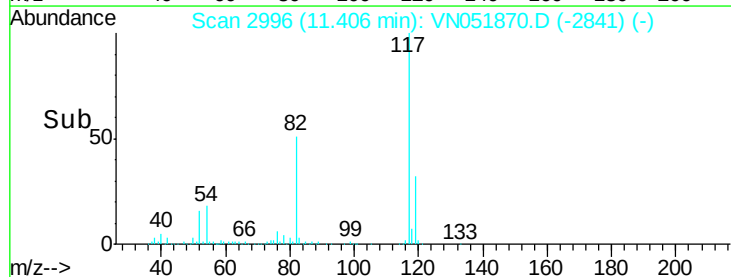
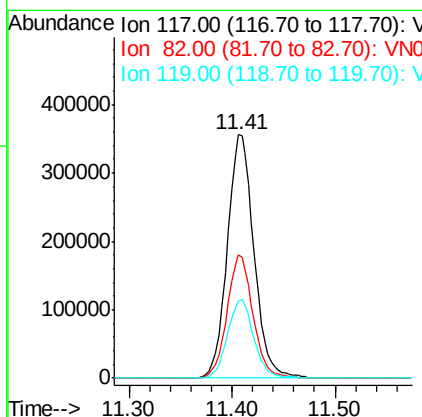
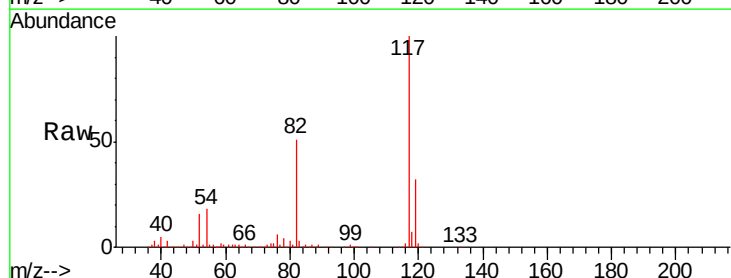
Instrument :
 MSVOA_N
 ClientSampleId :
 001M-WILLETS-PT-BLVD-OCT

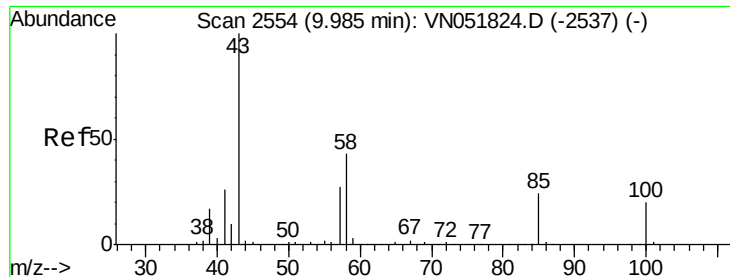
Tgt Ion: 43 Resp: 23582
 Ion Ratio Lower Upper
 43 100
 57 1.2 4.5 6.7#
 72 25.0 21.5 32.3



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN051870.D
 Acq: 15 Oct 2018 13:33

Tgt Ion: 117 Resp: 639670
 Ion Ratio Lower Upper
 117 100
 82 49.2 44.1 66.1
 119 32.2 25.8 38.8

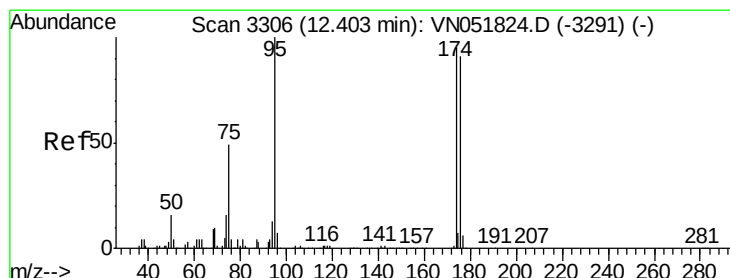
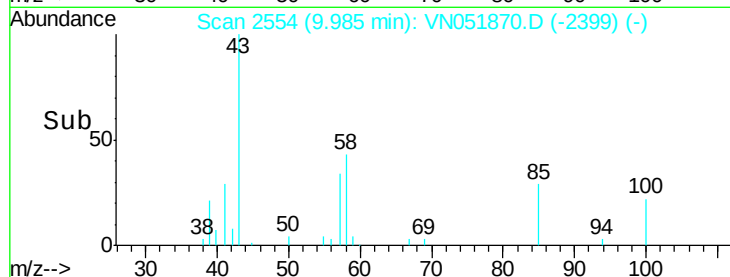
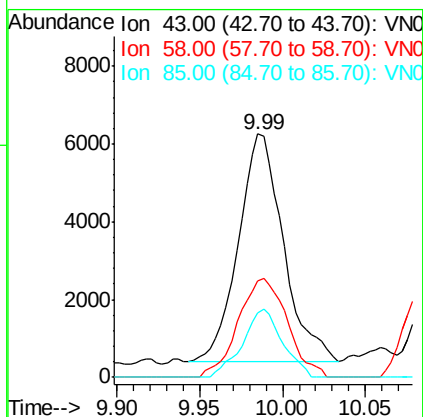
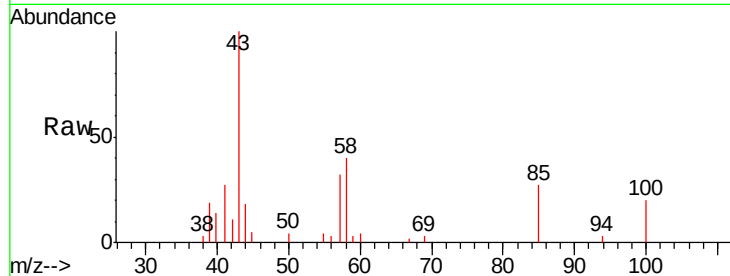




#58
 4-Methyl-2-Pentanone
 Concen: 2.60 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN051870.D
 Acq: 15 Oct 2018 13:33

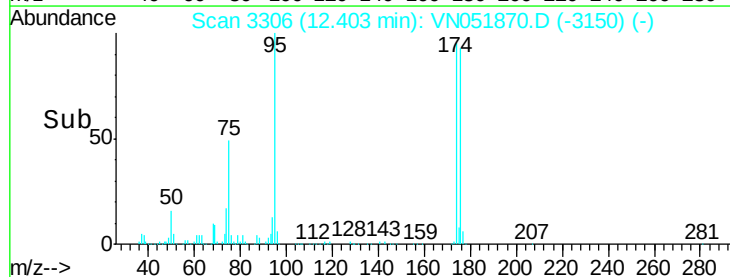
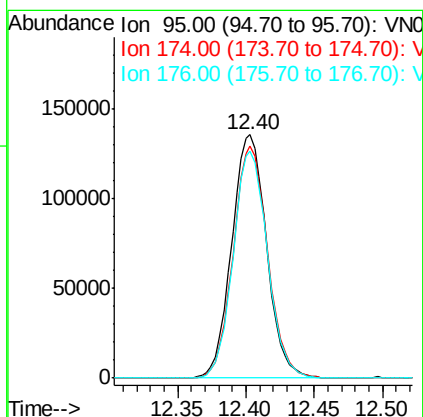
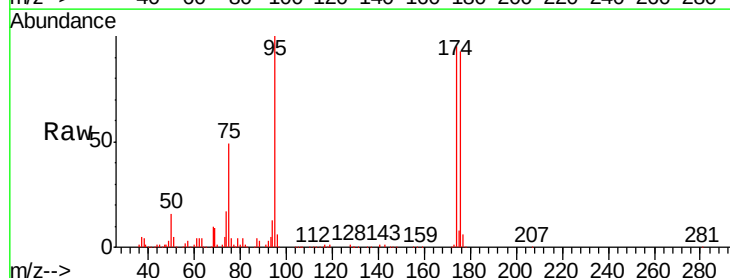
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 001M-WILLETS-PT-BLVD-OCT

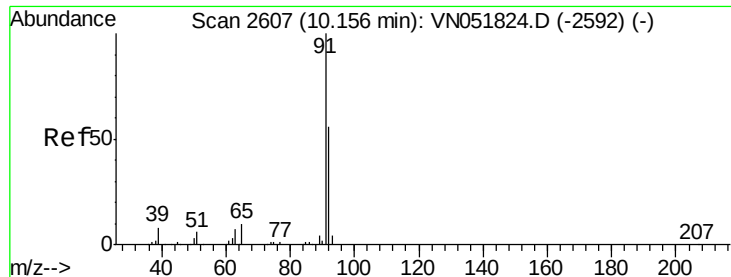
Tgt Ion: 43 Resp: 11126
 Ion Ratio Lower Upper
 43 100
 58 47.1 29.3 43.9#
 85 26.3 12.6 18.8#



#60
 4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051870.D
 Acq: 15 Oct 2018 13:33

Tgt Ion: 95 Resp: 240332
 Ion Ratio Lower Upper
 95 100
 174 93.9 73.5 110.3
 176 91.5 70.2 105.2





#62

Toluene

Concen: 381.89 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051870.D

Acq: 15 Oct 2018 13:33

Instrument :

MSVOA_N

ClientSampleId :

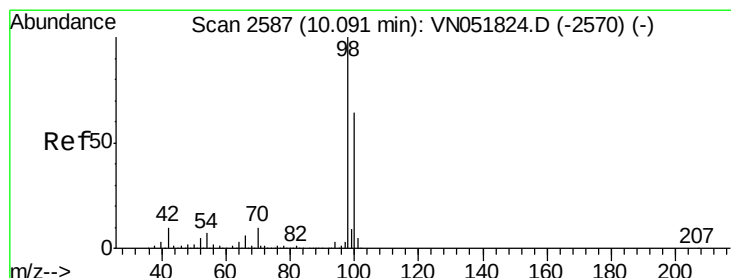
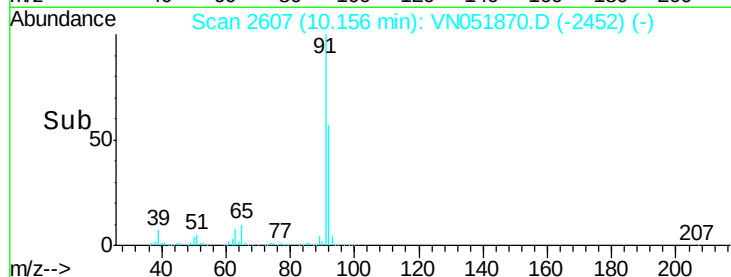
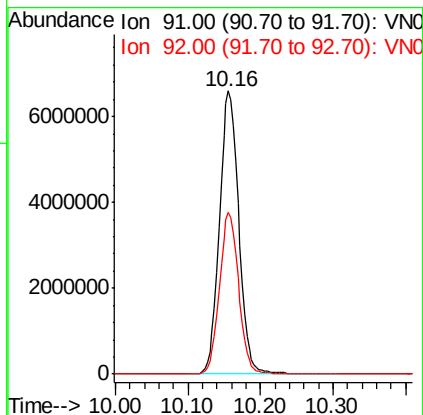
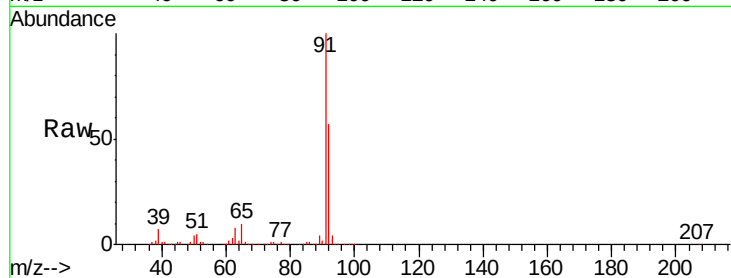
001M-WILLETS-PT-BLVD-OCT

Tgt Ion: 91 Resp: 12135706

Ion Ratio Lower Upper

91 100

92 56.9 44.6 66.8



#63

Toluene-d8

Concen: 381.89 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051870.D

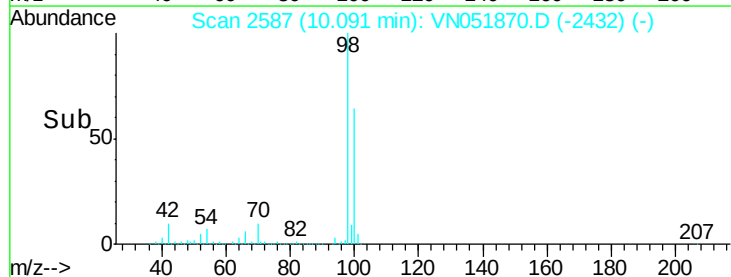
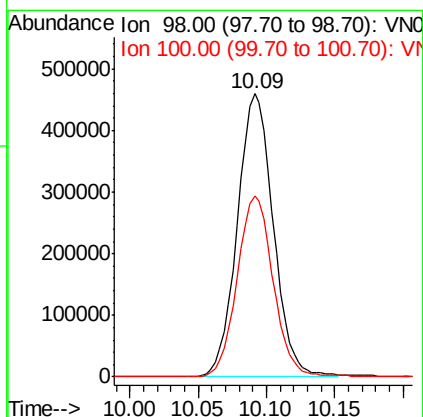
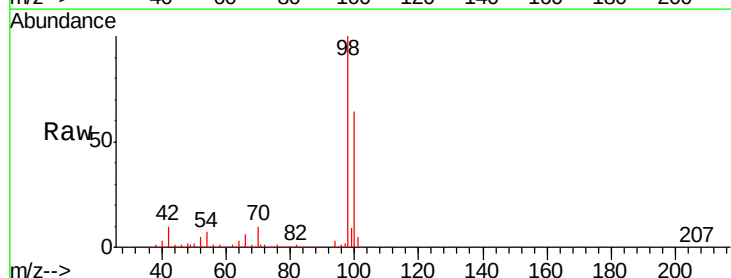
Acq: 15 Oct 2018 13:33

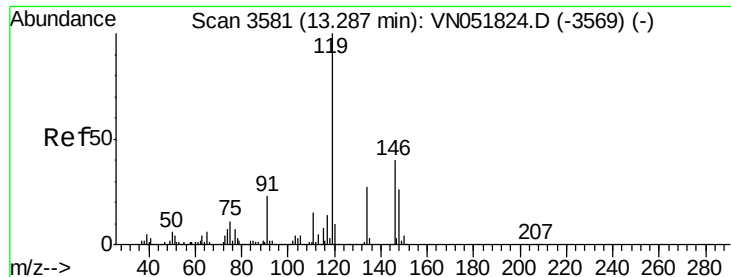
Tgt Ion: 98 Resp: 841864

Ion Ratio Lower Upper

98 100

100 64.3 50.8 76.2





#82
 p-Isopropyltoluene
 Concen: 9.67 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051870.D
 Acq: 15 Oct 2018 13:33

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 001M-WILLETS-PT-BLVD-OCT

Tgt Ion:	119	Resp:	322252
Ion	Ratio	Lower	Upper
119	100		
134	27.3	0.0	53.6
91	22.8	0.0	52.0

