

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050999.D
 Acq On : 31 Aug 2018 20:10
 Operator : MD\SY
 Sample : J4763-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: Sep 01 01:59:47 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	111303	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	575814	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	490971	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	210903	29.69	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	98.97%	
60) 4-Bromofluorobenzene	12.40	95	187547	25.69	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	85.63%	
63) Toluene-d8	10.09	98	687020	30.01	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	100.03%	

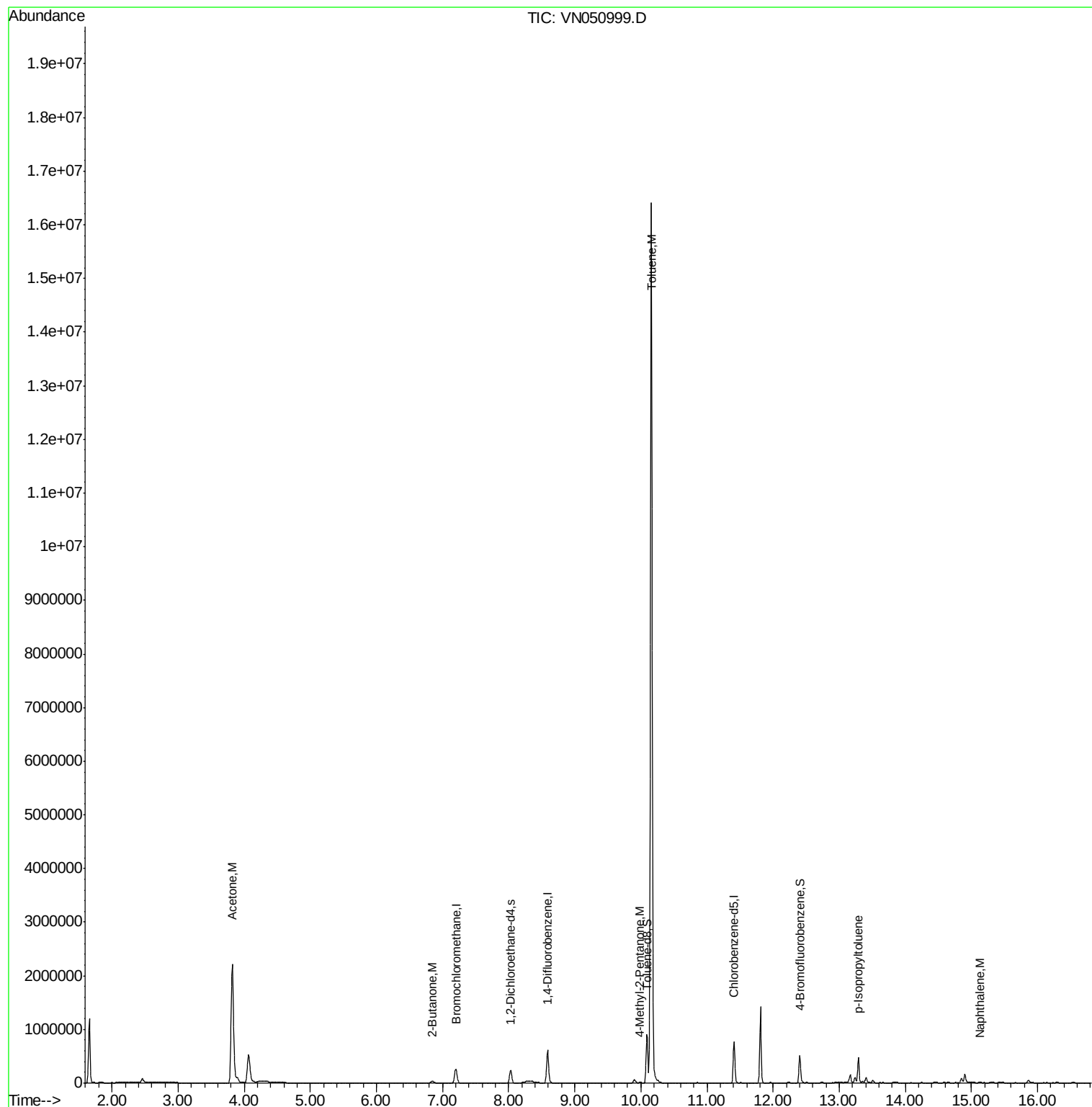
Target Compounds						Ovalue
15) Acetone	3.82	58	1274598	2118.38	ug/l	94
30) 2-Butanone	6.85	43	54472	20.54	ug/l #	87
58) 4-Methyl-2-Pentanone	9.99	43	13377	2.38	ug/l	98
62) Toluene	10.16	91	13315981	486.15	ug/l	99
82) p-Isopropyltoluene	13.29	119	263245	11.85	ug/l	100
91) Naphthalene	15.13	128	8889	9.11	ug/l	97

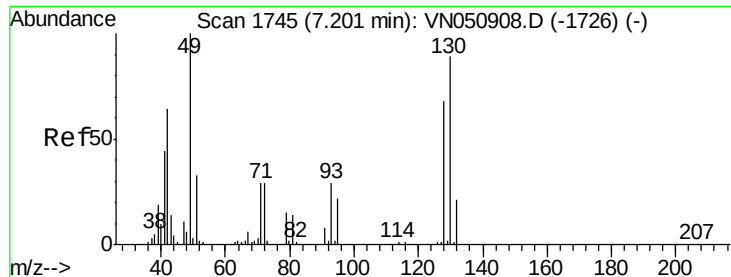
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN050999.D

Acq: 31 Aug 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

001M-WILLETS-PT-BLVD(AUG)

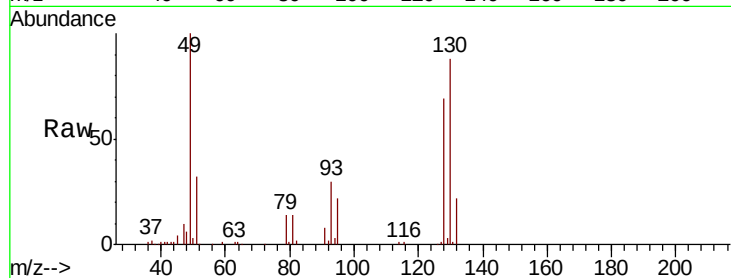
Tot Ion:128 Resp: 111303

Ion Ratio Lower Upper

128 100

49 145.2 0.0 380.3

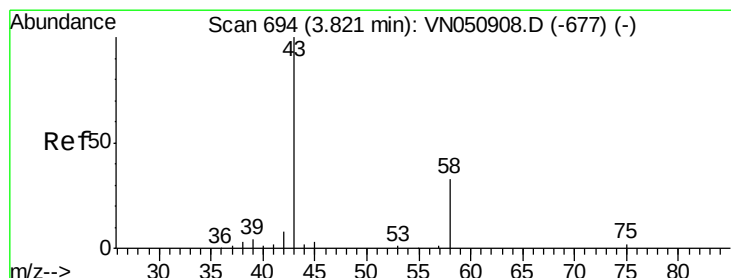
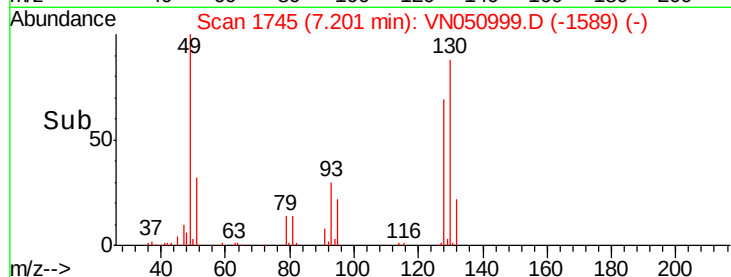
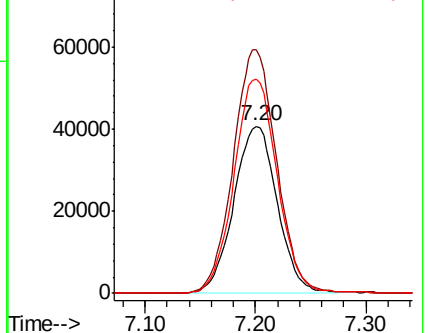
130 127.8 0.0 325.3



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: 2118.38 ug/l

RT: 3.82 min Scan# 693

Delta R.T. -0.00 min

Lab File: VN050999.D

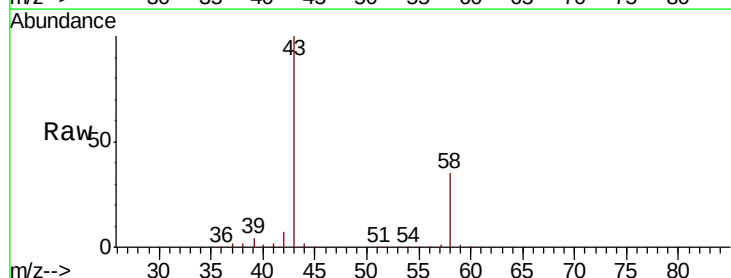
Acq: 31 Aug 2018 20:10

Tgt Ion: 58 Resp: 1274598

Ion Ratio Lower Upper

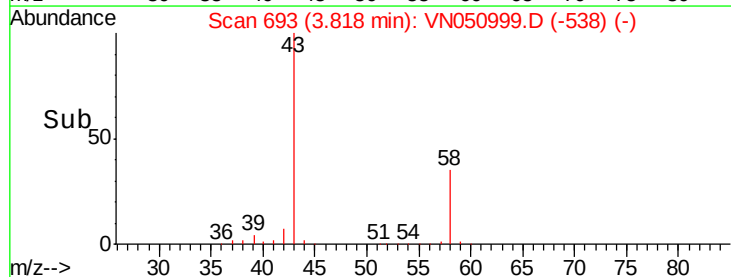
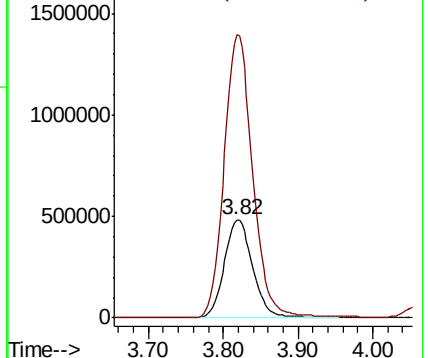
58 100

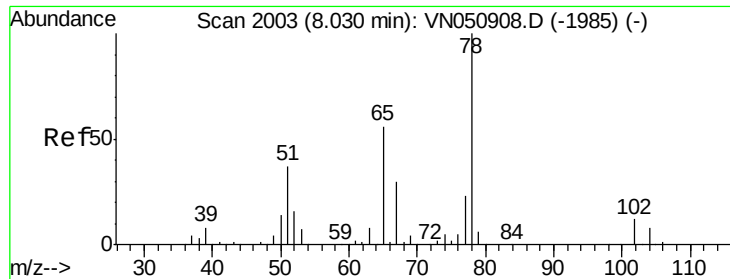
43 287.6 239.4 359.0



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

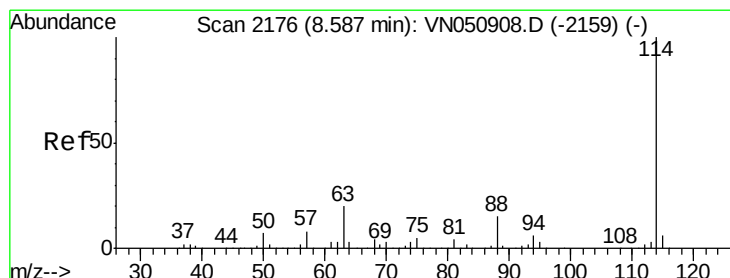
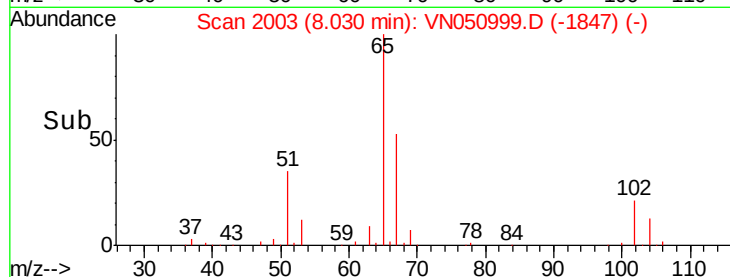
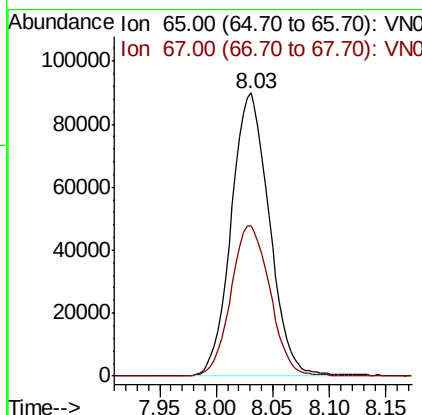
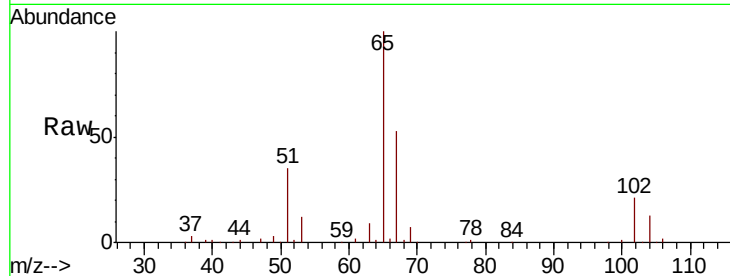




#27
 1,2-Dichloroethane-d4
 Concen: 29.69 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050999.D
 Acq: 31 Aug 2018 20:10

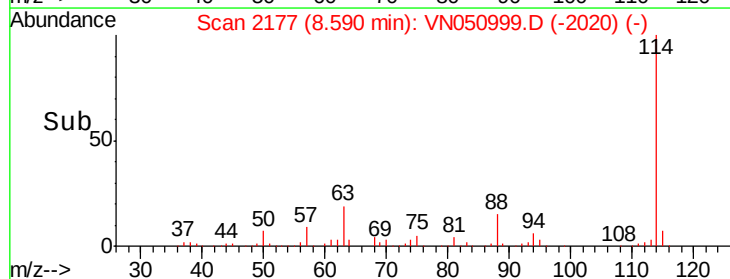
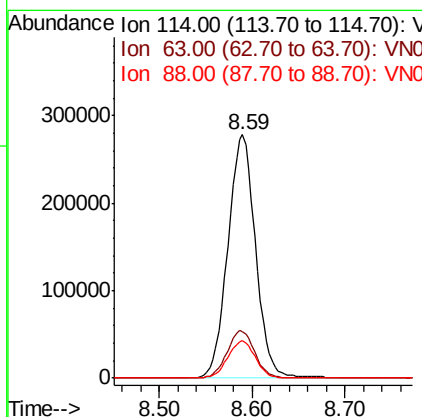
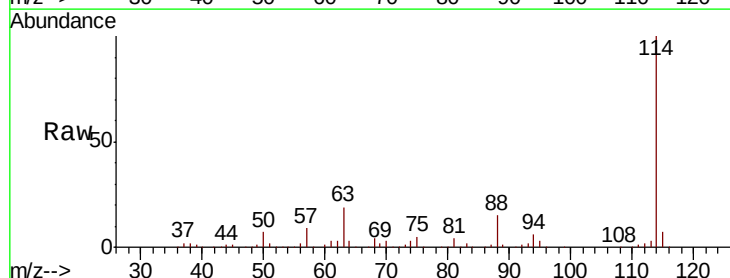
Instrument :
 MSVOA_N
 ClientSampleId :
 001M-WILLETS-PT-BLVD(AUG)

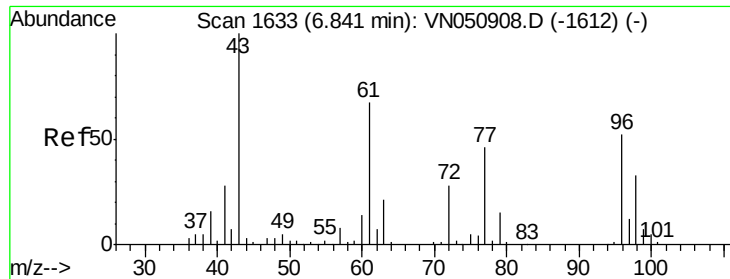
Tot Ion: 65 Resp: 210903
 Ion Ratio Lower Upper
 65 100
 67 54.6 43.7 65.5



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050999.D
 Acq: 31 Aug 2018 20:10

Tgt Ion: 114 Resp: 575814
 Ion Ratio Lower Upper
 114 100
 63 19.4 15.6 23.4
 88 15.2 12.2 18.4

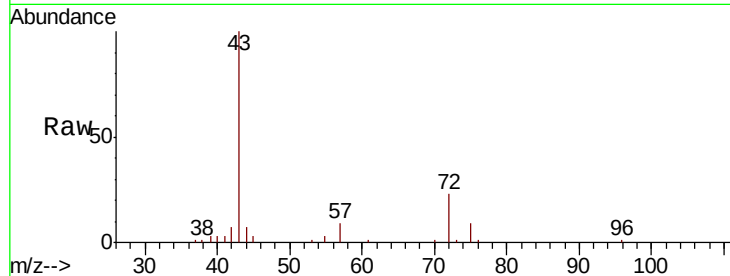




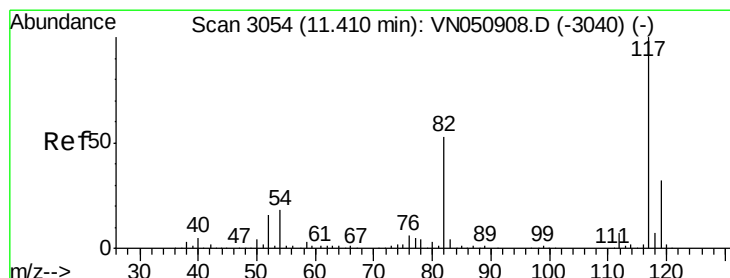
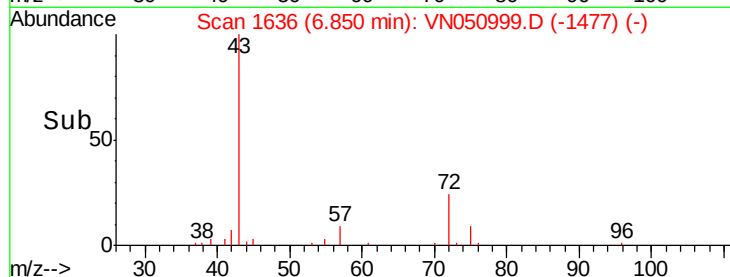
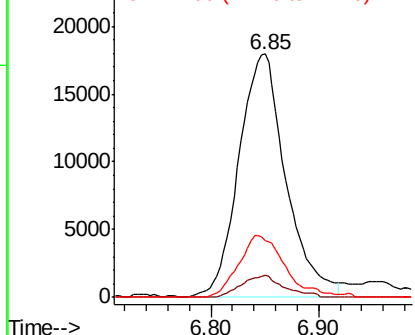
#30
2-Butanone
Concen: 20.54 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN050999.D
Acq: 31 Aug 2018 20:10

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

Tot Ion: 43 Resp: 54472
Ion Ratio Lower Upper
43 100
57 0.0 6.9 10.3#
72 23.6 22.8 34.2

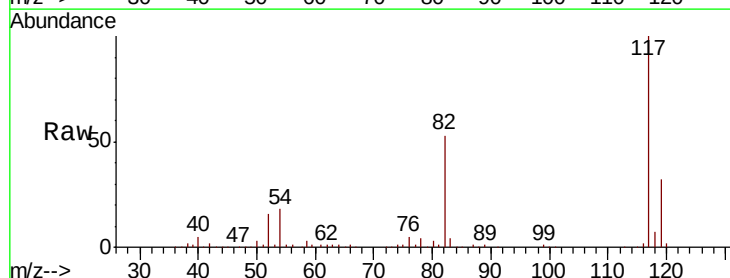


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 57.00 (56.70 to 57.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

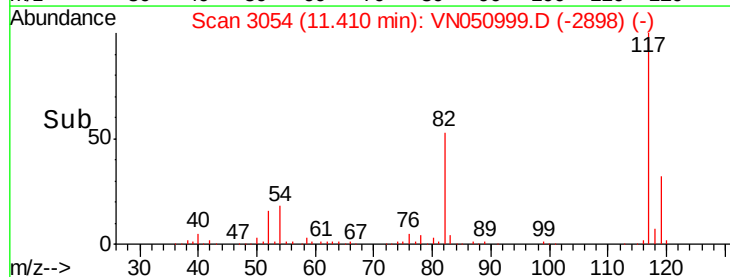
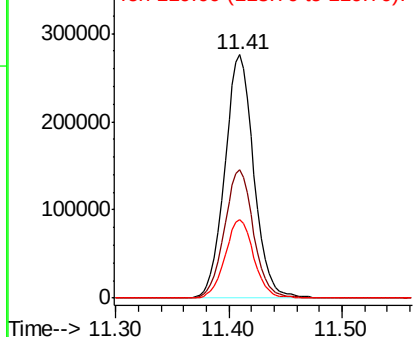


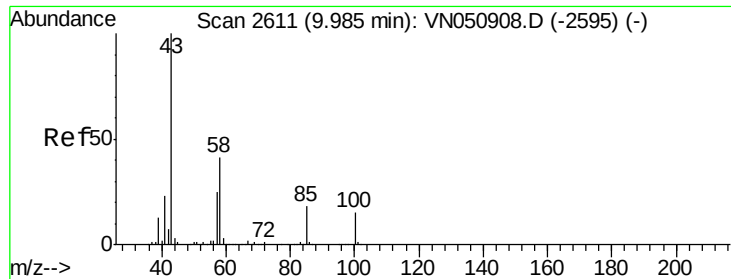
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050999.D
Acq: 31 Aug 2018 20:10

Tgt Ion: 117 Resp: 490971
Ion Ratio Lower Upper
117 100
82 52.9 42.6 64.0
119 32.0 25.7 38.5



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 119.00 (118.70 to 119.70): V

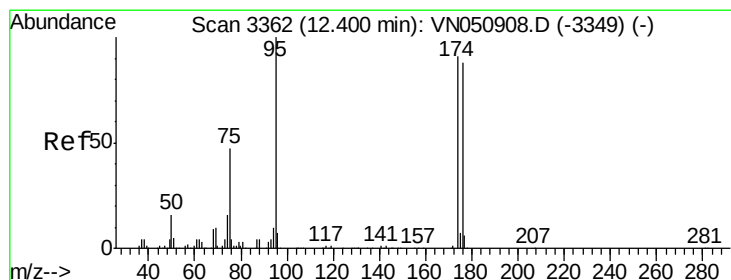
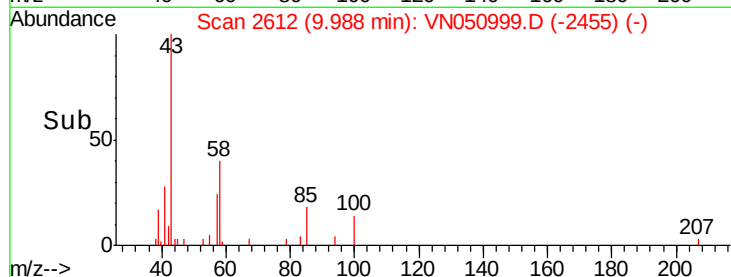
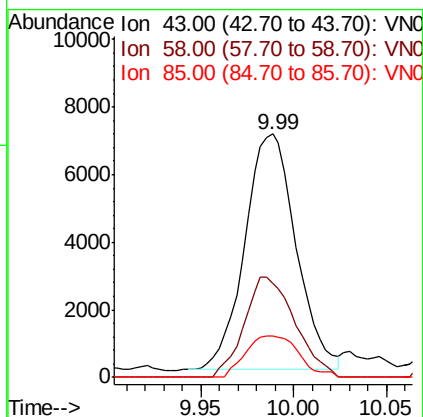
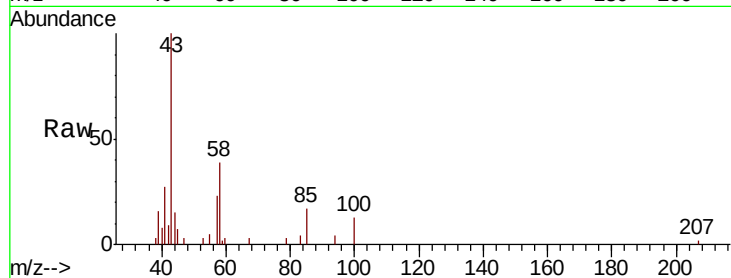




#58
 4-Methyl-2-Pentanone
 Concen: 2.38 ug/l
 RT: 9.99 min Scan# 2612
 Delta R.T. 0.00 min
 Lab File: VN050999.D
 Acq: 31 Aug 2018 20:10

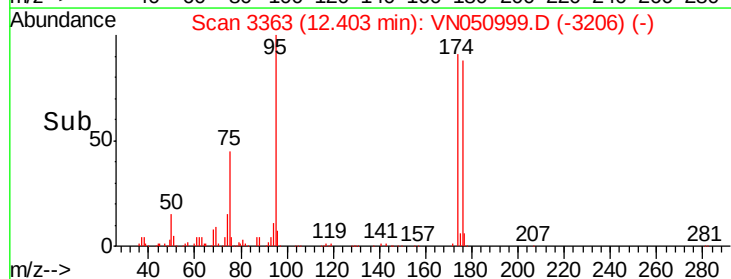
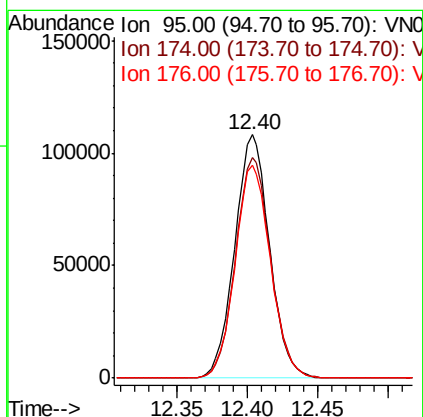
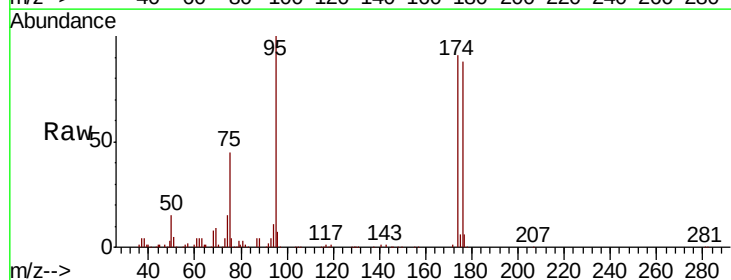
Instrument :
 MSVOA_N
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 001M-WILLETS-PT-BLVD(AUG)

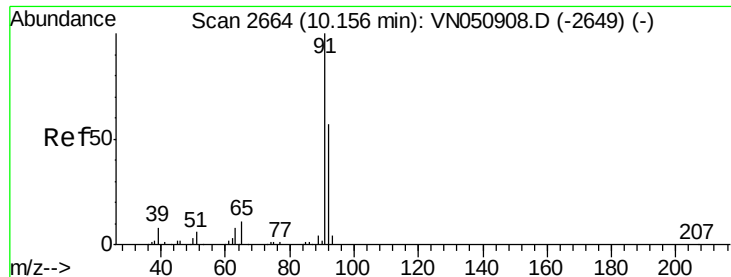
Tot Ion: 43 Resp: 13377
 Ion Ratio Lower Upper
 43 100
 58 42.0 32.3 48.5
 85 18.0 14.9 22.3



#60
 4-Bromofluorobenzene
 Concen: 25.69 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050999.D
 Acq: 31 Aug 2018 20:10

Tgt Ion: 95 Resp: 187547
 Ion Ratio Lower Upper
 95 100
 174 91.3 74.6 112.0
 176 88.6 71.5 107.3





#62

Toluene

Concen: 486.15 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050999.D

Acq: 31 Aug 2018 20:10

Instrument :

MSVOA_N

ClientSampleId :

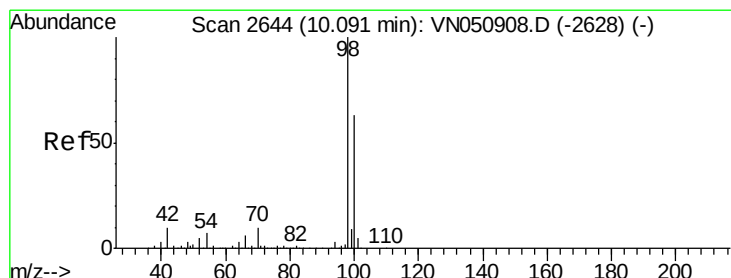
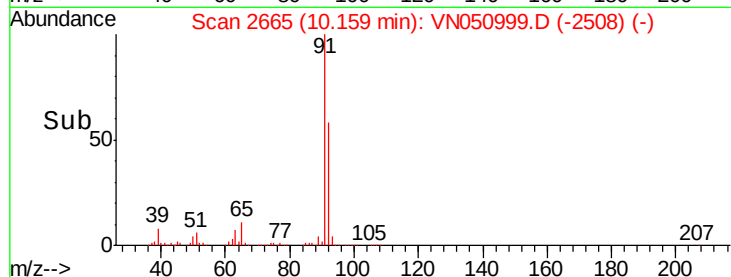
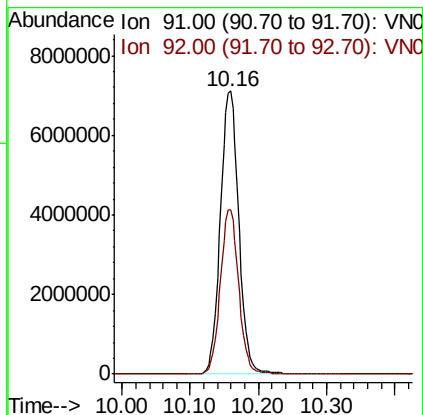
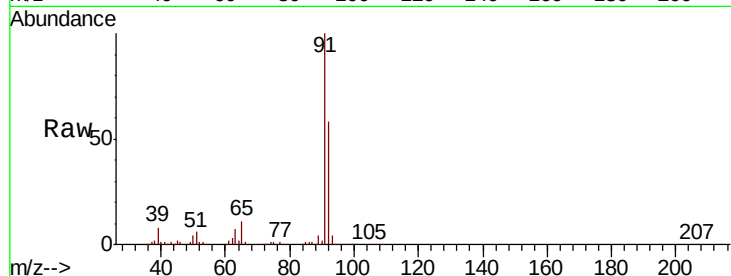
001M-WILLETS-PT-BLVD(AUG)

Tot Ion: 91 Resp:13315981

Ion Ratio Lower Upper

91 100

92 57.9 45.8 68.8



#63

Toluene-d8

Concen: 30.01 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050999.D

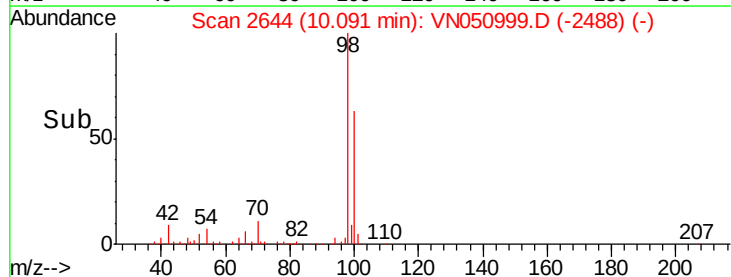
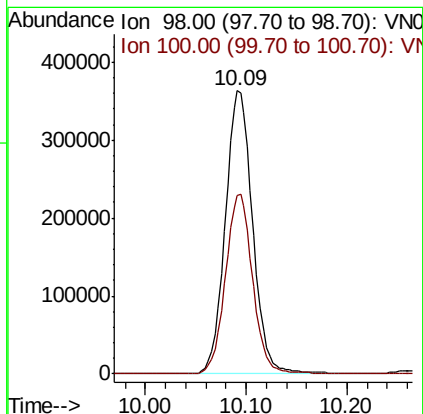
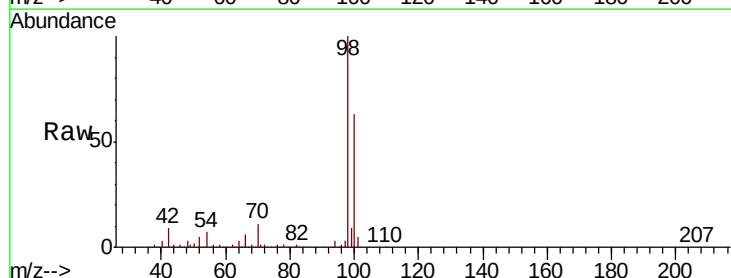
Acq: 31 Aug 2018 20:10

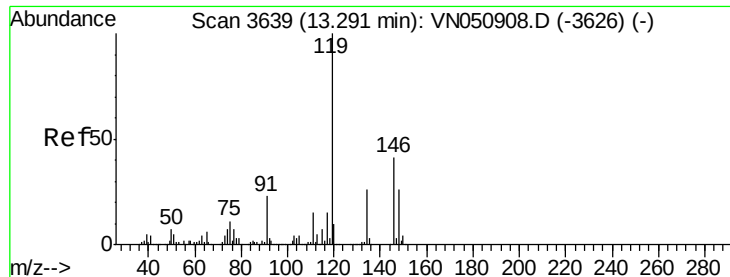
Tgt Ion: 98 Resp: 687020

Ion Ratio Lower Upper

98 100

100 63.3 50.6 75.8

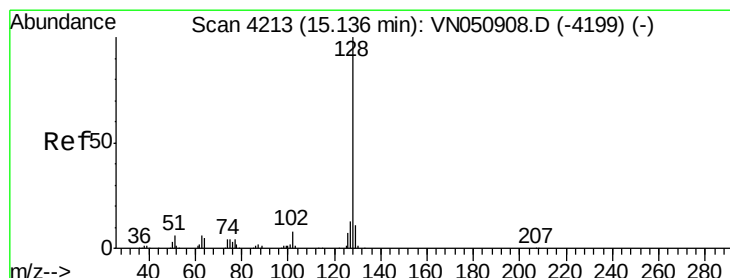
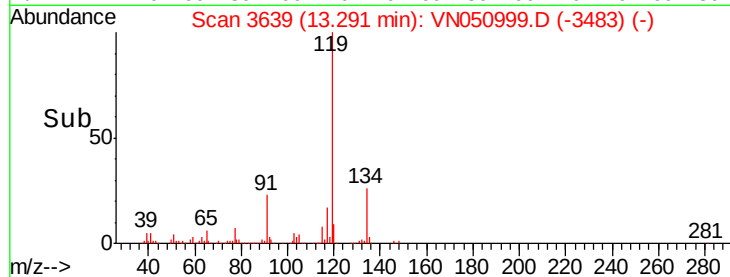
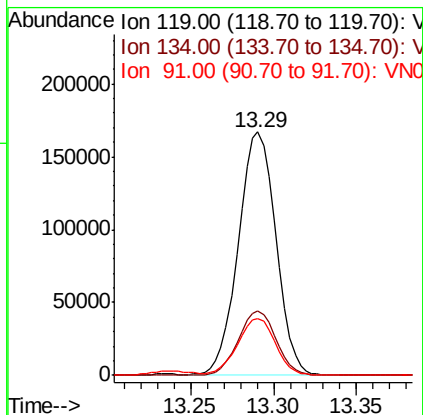
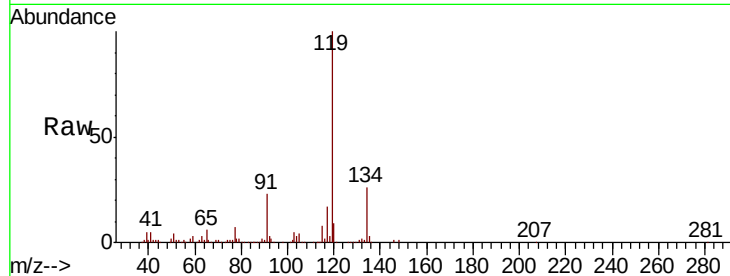




#82
 p-Isopropyltoluene
 Concen: 11.85 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN050999.D
 Acq: 31 Aug 2018 20:10

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Tot Ion	Ratio	Lower	Upper
119	100		
134	26.5	0.0	53.2
91	23.2	0.0	46.0



#91
 Naphthalene
 Concen: 9.11 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN050999.D
 Acq: 31 Aug 2018 20:10

Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.6	16.0
129	11.3	8.7	13.1

