

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101518\
 Data File : VN051868.D
 Acq On : 15 Oct 2018 12:27
 Operator : MD\SY
 Sample : J5512-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

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

Quant Time: Oct 16 01:21:43 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	126912	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	709826	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	582879	30.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane-d4		8.03	65	234454	30.36	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.20%	
60) 4-Bromofluorobenzene		12.40	95	210177	25.01	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	83.37%	
63) Toluene-d8		10.09	98	809618	31.99	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	106.63%	

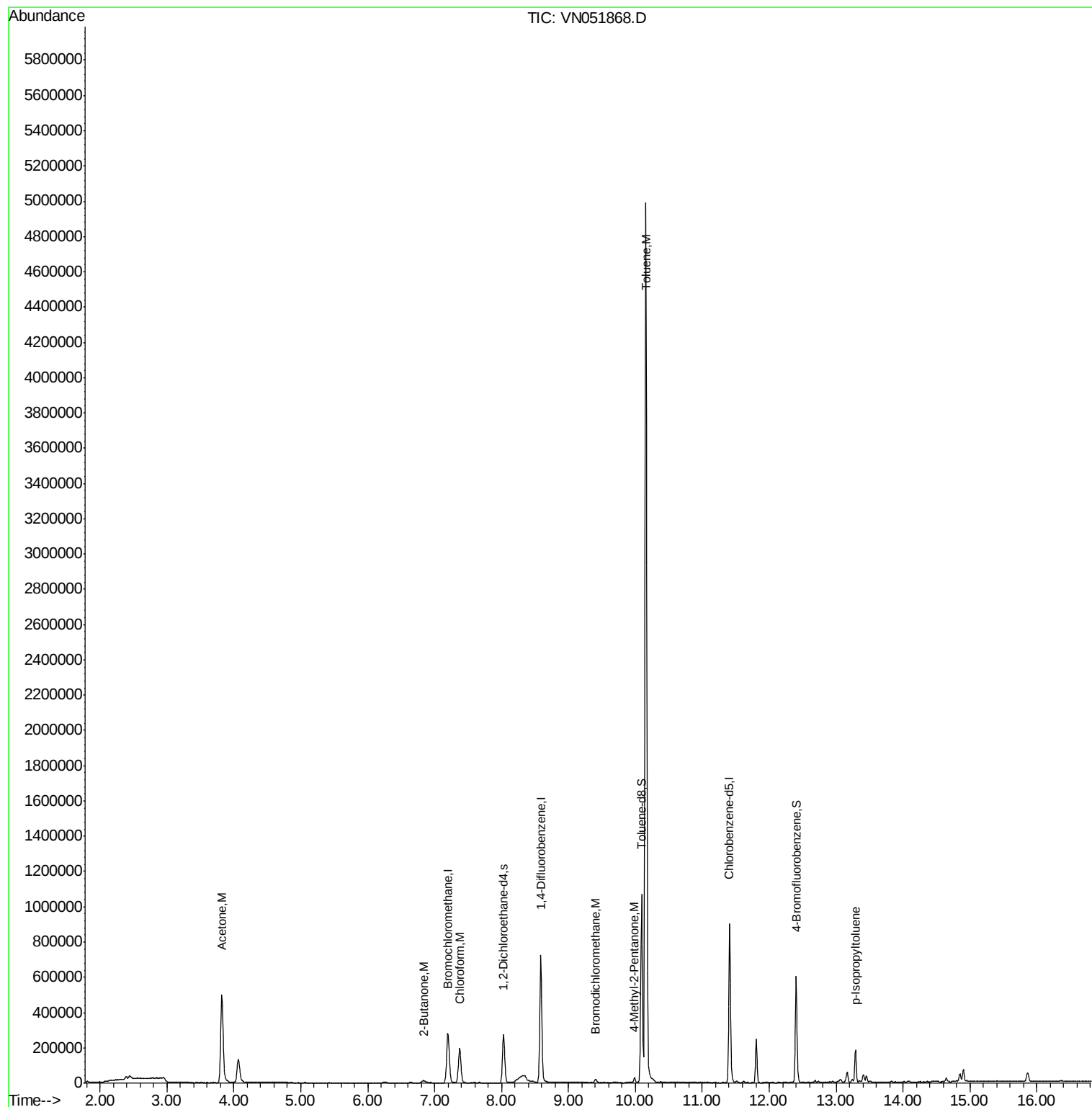
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Acetone	3.82	58	272480	679.71	ug/l	94
25) Chloroform	7.37	83	208966	16.32	ug/l	97
30) 2-Butanone	6.85	43	10075	5.27	ug/l #	66
41) Bromodichloromethane	9.41	83	13988	1.43	ug/l #	82
58) 4-Methyl-2-Pentanone	9.99	43	20645	5.29	ug/l #	93
62) Toluene	10.16	91	4102164	141.67	ug/l	98
82) p-Isopropyltoluene	13.29	119	107380	3.54	ug/l	97

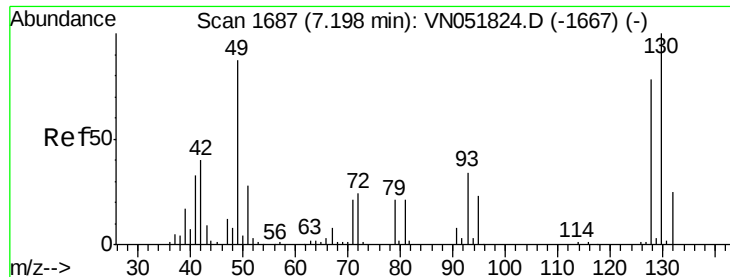
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN051868.D

Acq: 15 Oct 2018 12:27

Instrument :

MSVOA_N

ClientSampleId :

001M-WILLETS-PT-BLVD-AUG

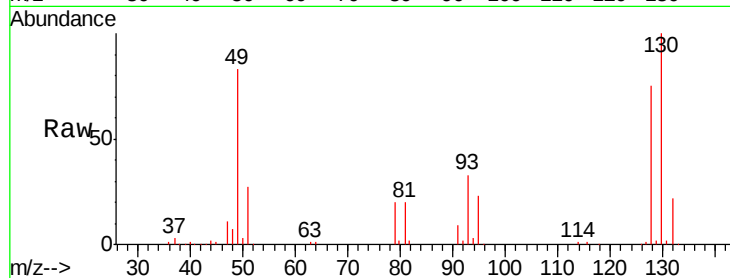
Tgt Ion:128 Resp: 126912

Ion Ratio Lower Upper

128 100

49 110.1 0.0 403.3

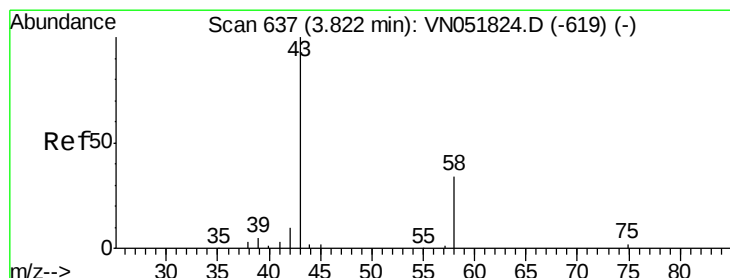
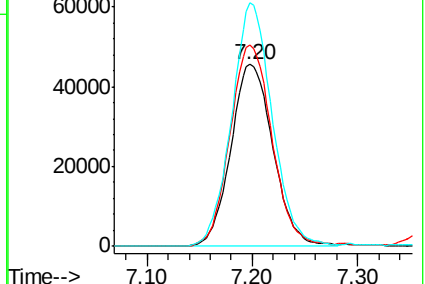
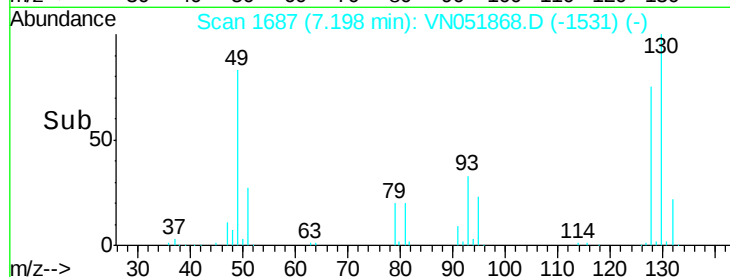
130 128.6 0.0 326.0



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: 679.71 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN051868.D

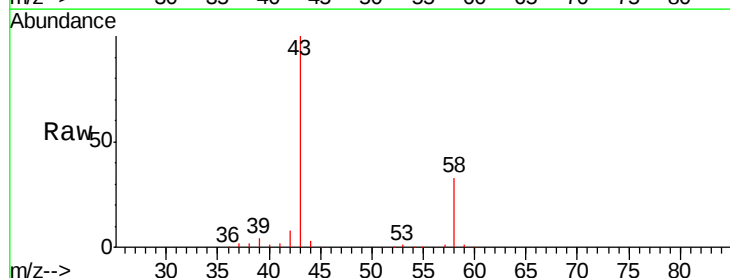
Acq: 15 Oct 2018 12:27

Tgt Ion: 58 Resp: 272480

Ion Ratio Lower Upper

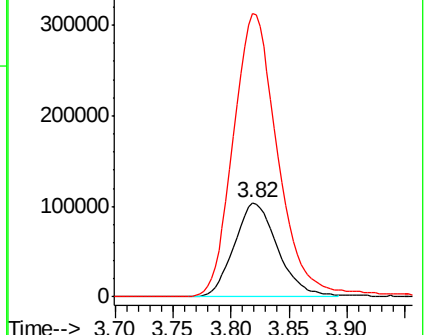
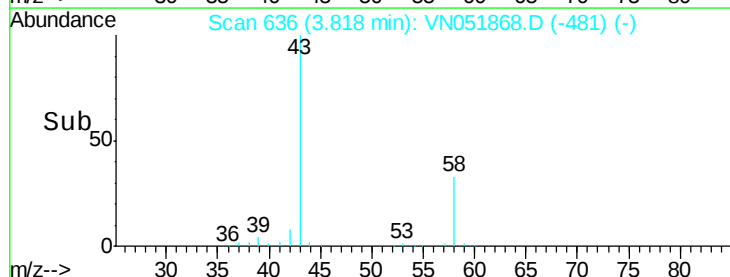
58 100

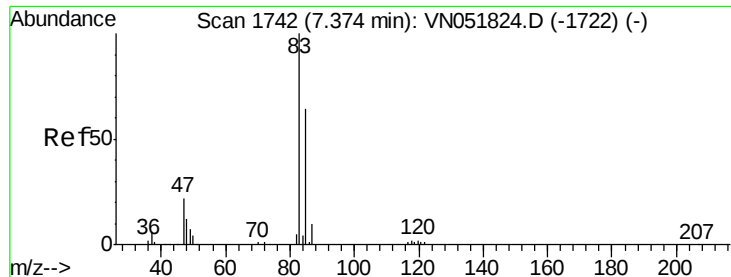
43 300.9 232.2 348.2



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

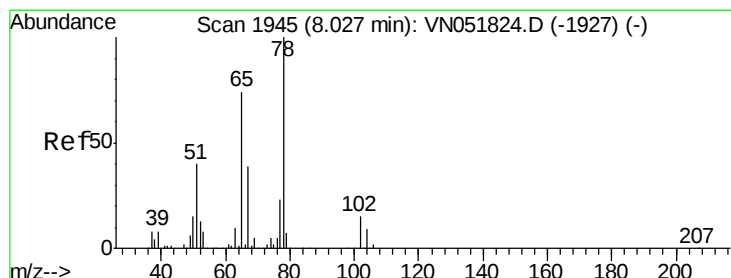
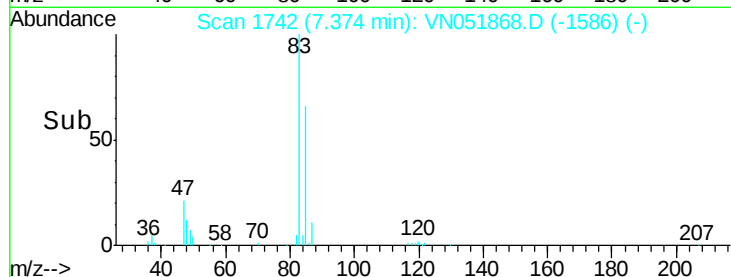
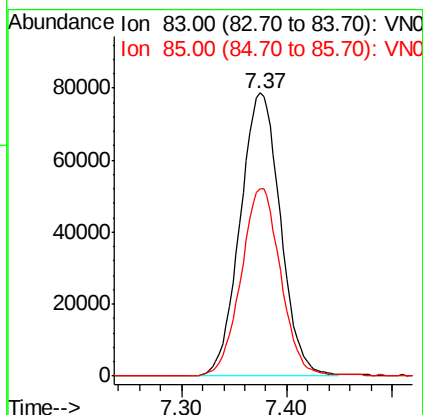
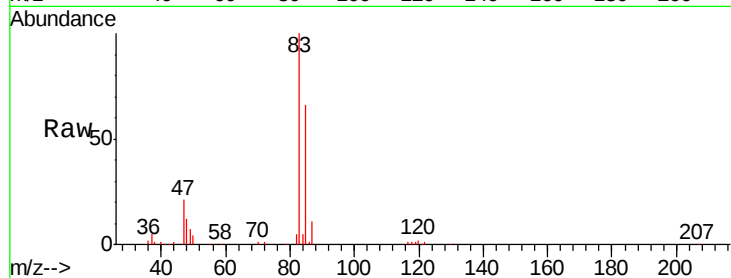




#25
Chloroform
Concen: 16.32 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051868.D
Acq: 15 Oct 2018 12:27

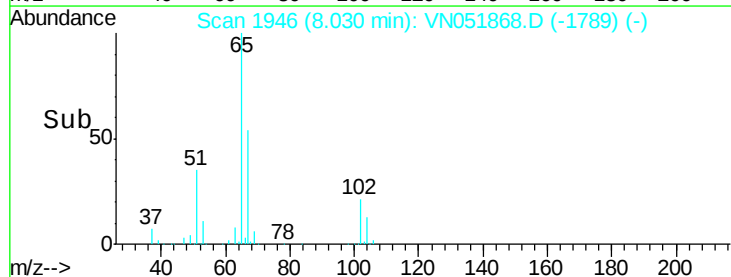
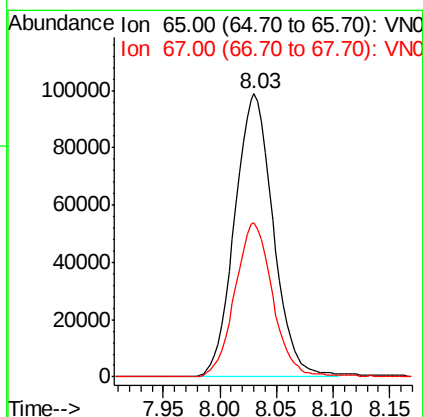
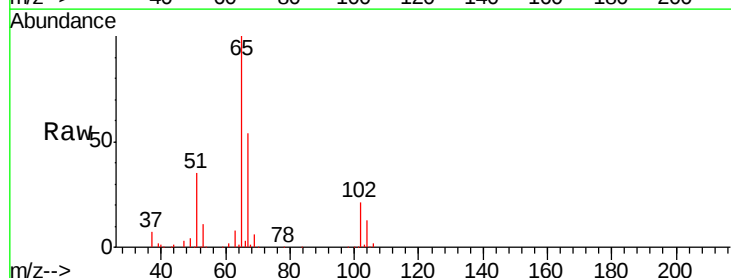
Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD-AUG

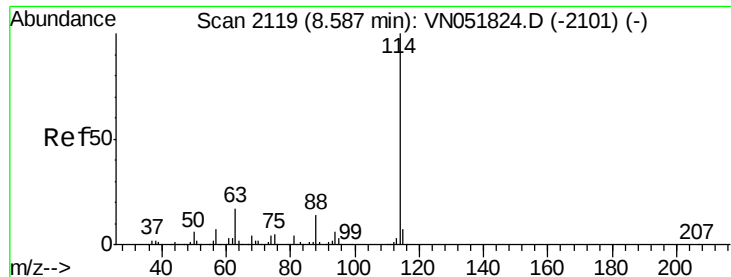
Tgt Ion: 83 Resp: 208966
Ion Ratio Lower Upper
83 100
85 66.1 54.6 82.0



#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051868.D
Acq: 15 Oct 2018 12:27

Tgt Ion: 65 Resp: 234454
Ion Ratio Lower Upper
65 100
67 52.6 41.8 62.8

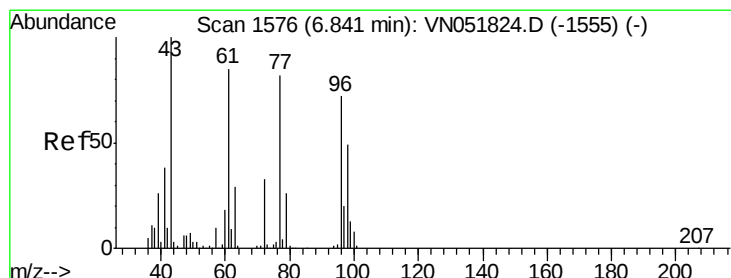
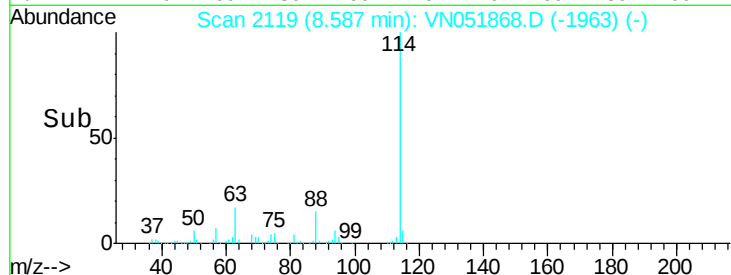
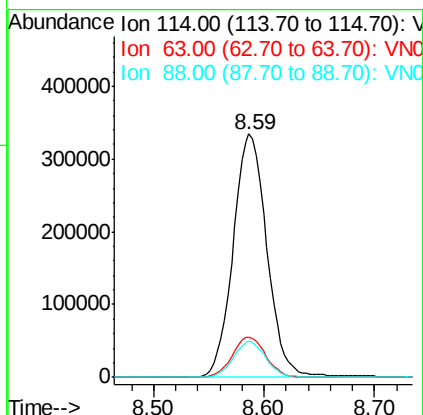
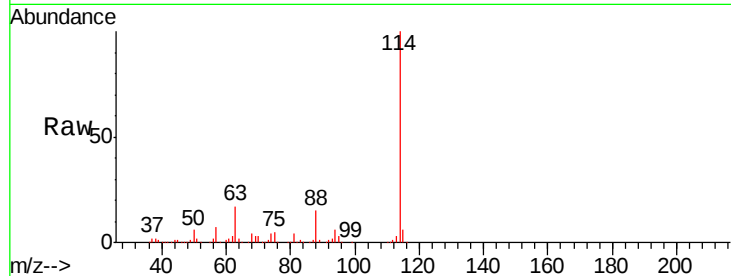




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051868.D
 Acq: 15 Oct 2018 12:27

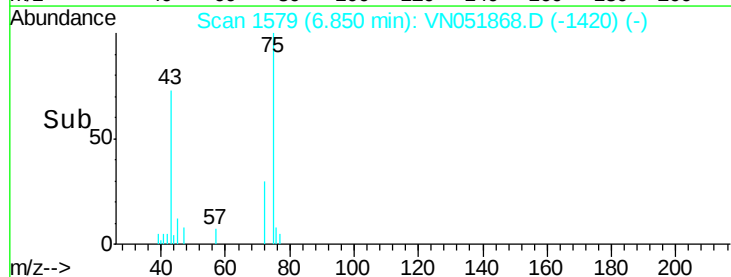
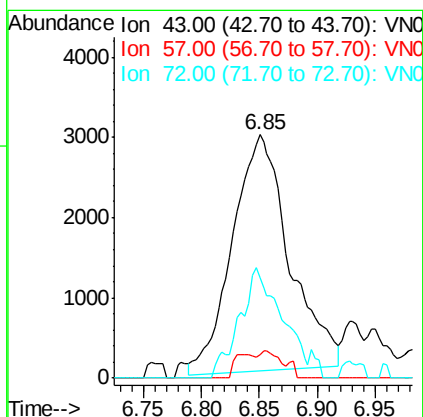
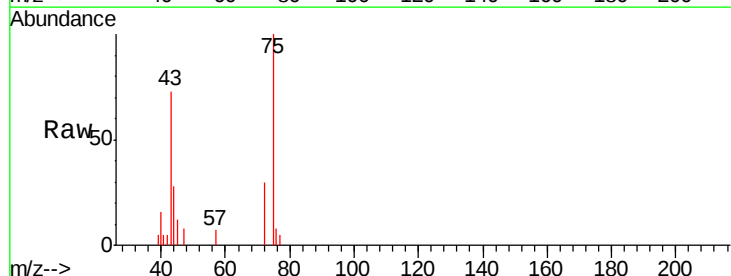
Instrument :
 MSVOA_N
 ClientSampleId :
 001M-WILLETS-PT-BLVD-AUG

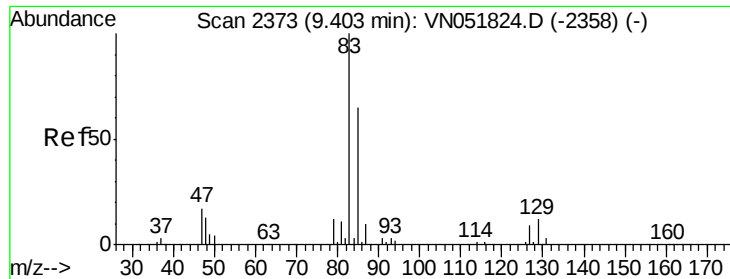
Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.5	16.2	24.2
88	14.4	12.2	18.4



#30
 2-Butanone
 Concen: 5.27 ug/l
 RT: 6.85 min Scan# 1579
 Delta R.T. 0.01 min
 Lab File: VN051868.D
 Acq: 15 Oct 2018 12:27

Tgt Ion	Ratio	Lower	Upper
43	100		
57	4.1	4.5	6.7#
72	6.3	21.5	32.3#





#41

Bromodichloromethane

Concen: 1.43 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN051868.D

Acq: 15 Oct 2018 12:27

Instrument :

MSVOA_N

ClientSampleId :

001M-WILLETS-PT-BLVD-AUG

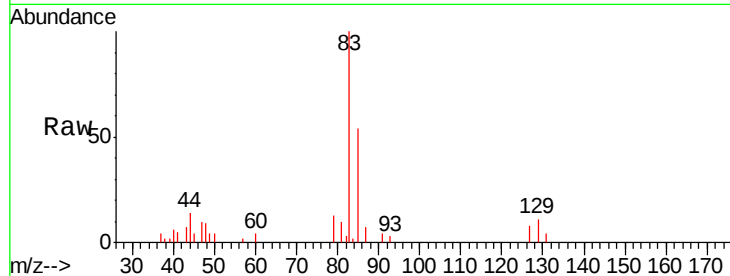
Tgt Ion: 83 Resp: 13988

Ion Ratio Lower Upper

83 100

85 54.0 55.7 83.5#

127 7.7 8.2 12.4#

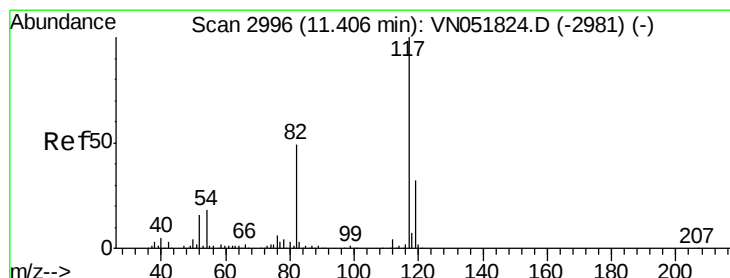
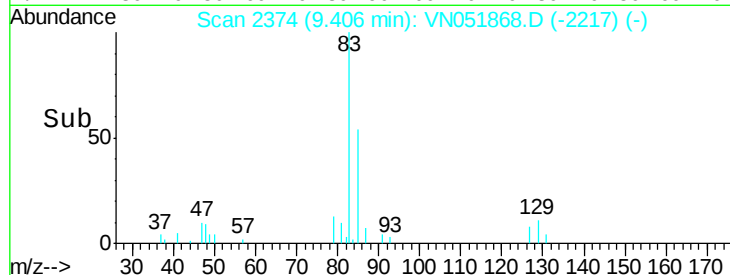


Abundance Ion 83.00 (82.70 to 83.70): VN051824.D (-2358) (-)

Ion 85.00 (84.70 to 85.70): VN051824.D (-2358) (-)

Ion 127.00 (126.70 to 127.70): VN051824.D (-2358) (-)

Time-->



#57

Chlorobenzene-d5

Concen: 30.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051868.D

Acq: 15 Oct 2018 12:27

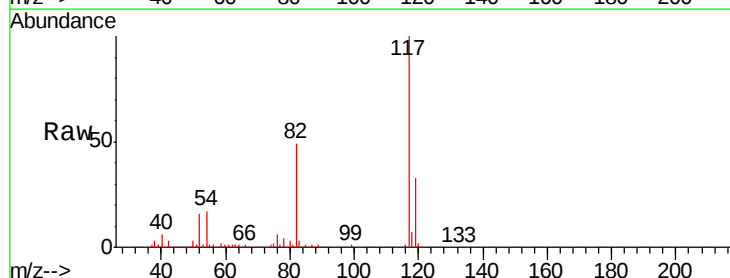
Tgt Ion: 117 Resp: 582879

Ion Ratio Lower Upper

117 100

82 49.7 44.1 66.1

119 32.8 25.8 38.8

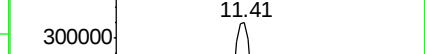
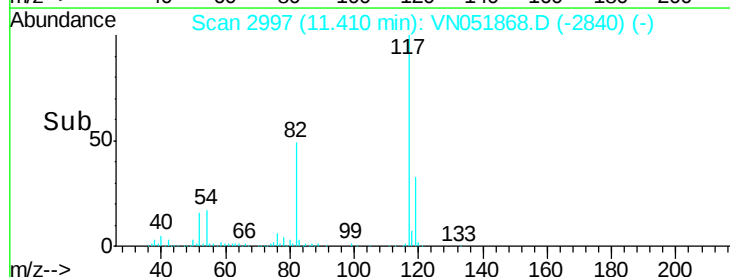


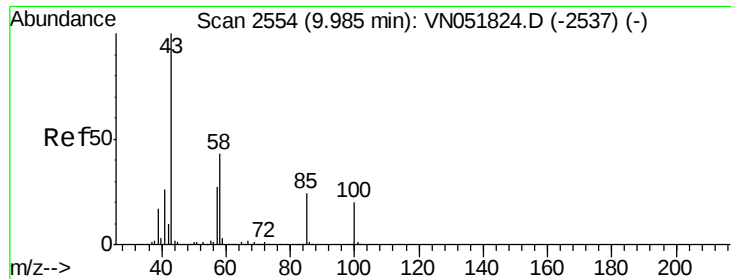
Abundance Ion 117.00 (116.70 to 117.70): VN051824.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051824.D (-2981) (-)

Ion 119.00 (118.70 to 119.70): VN051824.D (-2981) (-)

Time-->

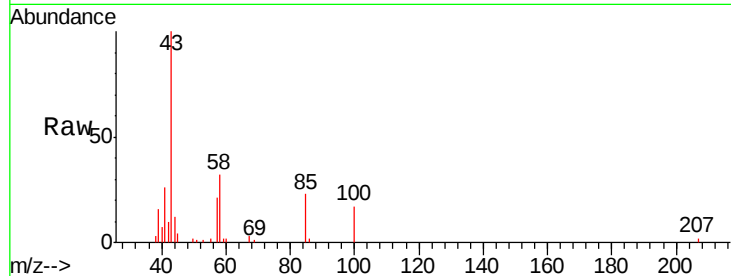




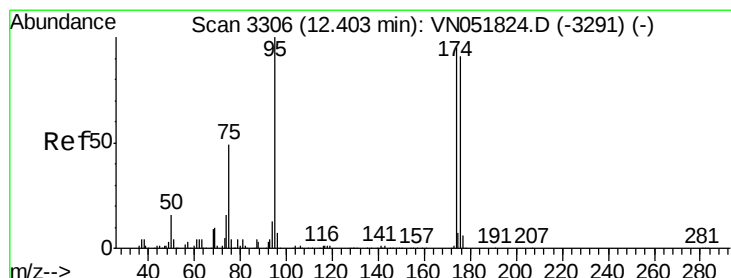
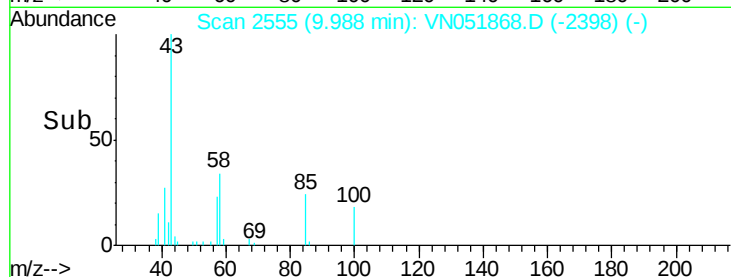
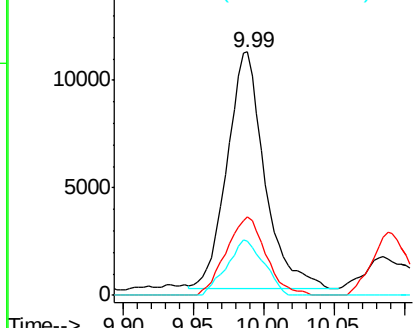
#58
 4-Methyl-2-Pentanone
 Concen: 5.29 ug/l
 RT: 9.99 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: VN051868.D
 Acq: 15 Oct 2018 12:27

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

Tgt Ion: 43 Resp: 20645
 Ion Ratio Lower Upper
 43 100
 58 34.7 29.3 43.9
 85 22.6 12.6 18.8#

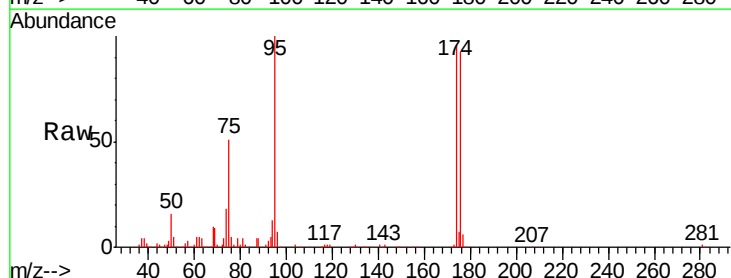


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0
 Ion 85.00 (84.70 to 85.70): VN0

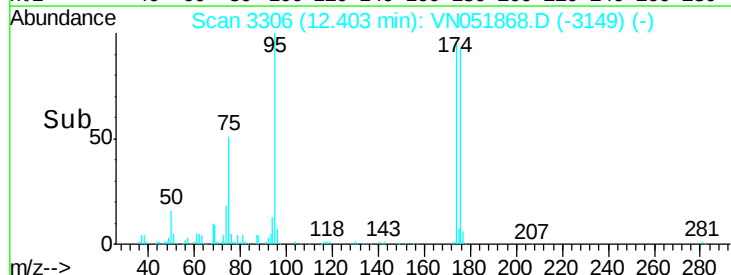
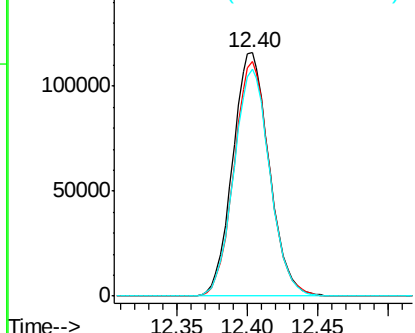


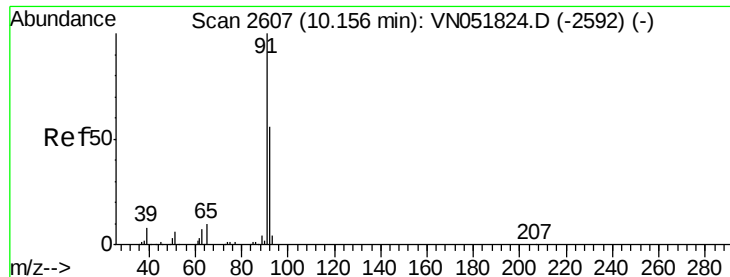
#60
 4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051868.D
 Acq: 15 Oct 2018 12:27

Tgt Ion: 95 Resp: 210177
 Ion Ratio Lower Upper
 95 100
 174 94.2 73.5 110.3
 176 91.7 70.2 105.2



Abundance Ion 95.00 (94.70 to 95.70): VN0
 Ion 174.00 (173.70 to 174.70): V
 Ion 176.00 (175.70 to 176.70): V





#62

Toluene

Concen: 141.67 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051868.D

Acq: 15 Oct 2018 12:27

Instrument :

MSVOA_N

ClientSampleId :

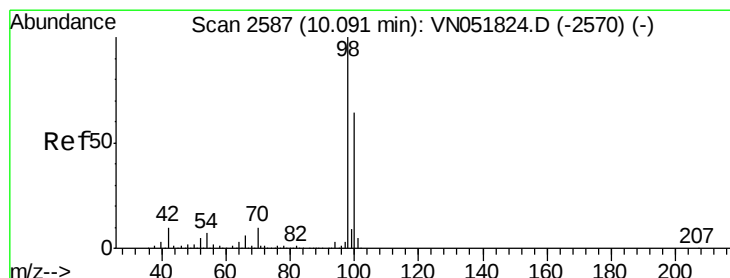
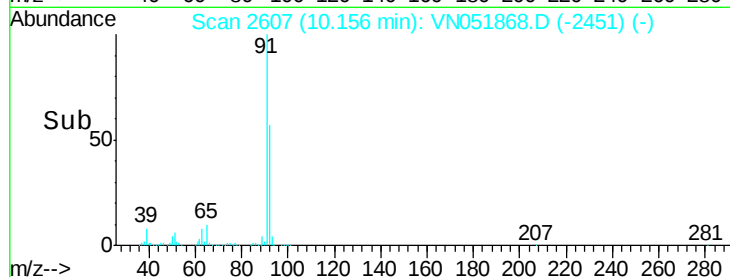
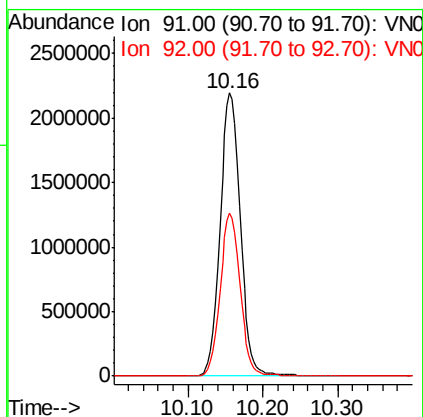
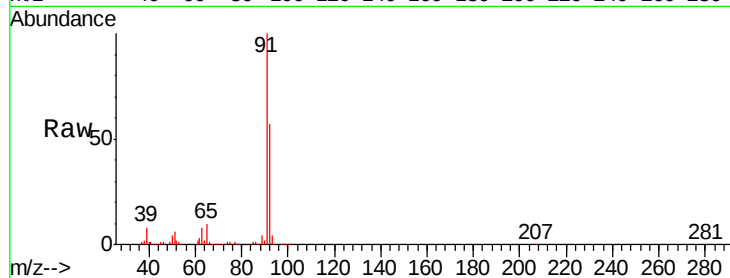
001M-WILLETS-PT-BLVD-AUG

Tgt Ion: 91 Resp: 4102164

Ion Ratio Lower Upper

91 100

92 57.0 44.6 66.8



#63

Toluene-d8

Concen: 141.67 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051868.D

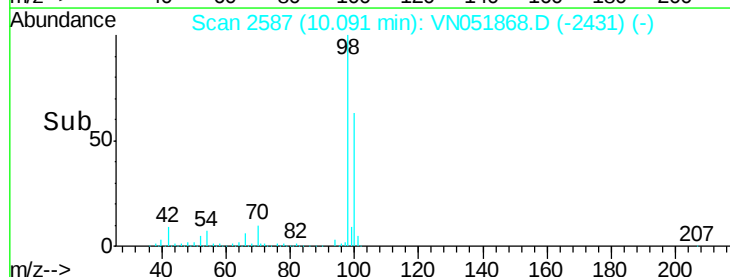
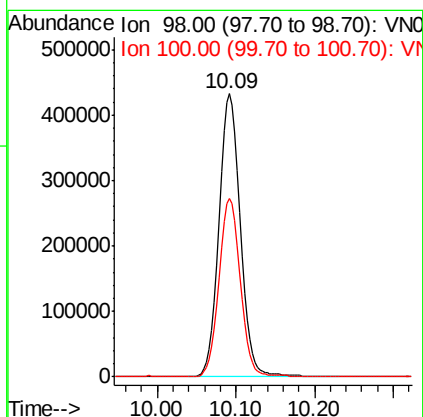
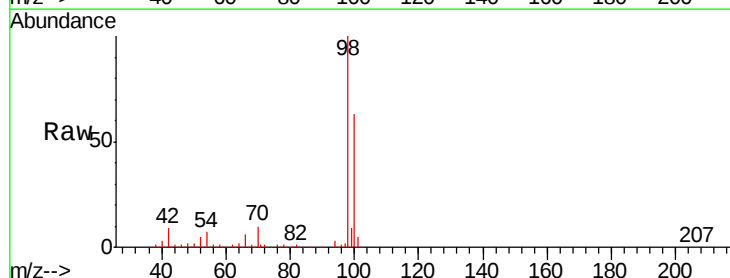
Acq: 15 Oct 2018 12:27

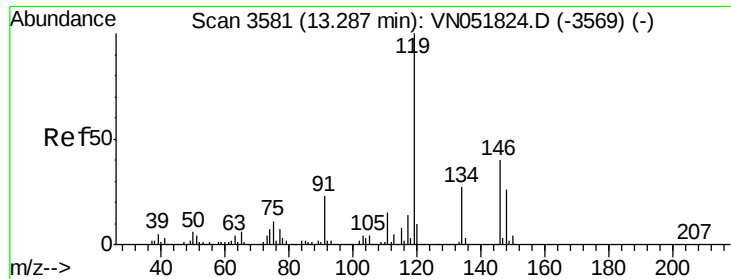
Tgt Ion: 98 Resp: 809618

Ion Ratio Lower Upper

98 100

100 62.7 50.8 76.2





#82
 p-Isopropyltoluene
 Concen: 3.54 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051868.D
 Acq: 15 Oct 2018 12:27

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

Tgt Ion:	119	Resp:	107380
Ion	Ratio	Lower	Upper
119	100		
134	26.8	0.0	53.6
91	23.2	0.0	52.0

