

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100518\
 Data File : VN051684.D
 Acq On : 5 Oct 2018 14:03
 Operator : MD\SY
 Sample : J5239-01 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

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

Quant Time: Oct 05 15:30:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 05 11:11:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	95723	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	530024	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	440559	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	195808	29.47	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.23%
60) 4-Bromofluorobenzene	12.40	95	150611	22.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	74.67%
63) Toluene-d8	10.09	98	624517	31.93	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	106.43%

Target Compounds

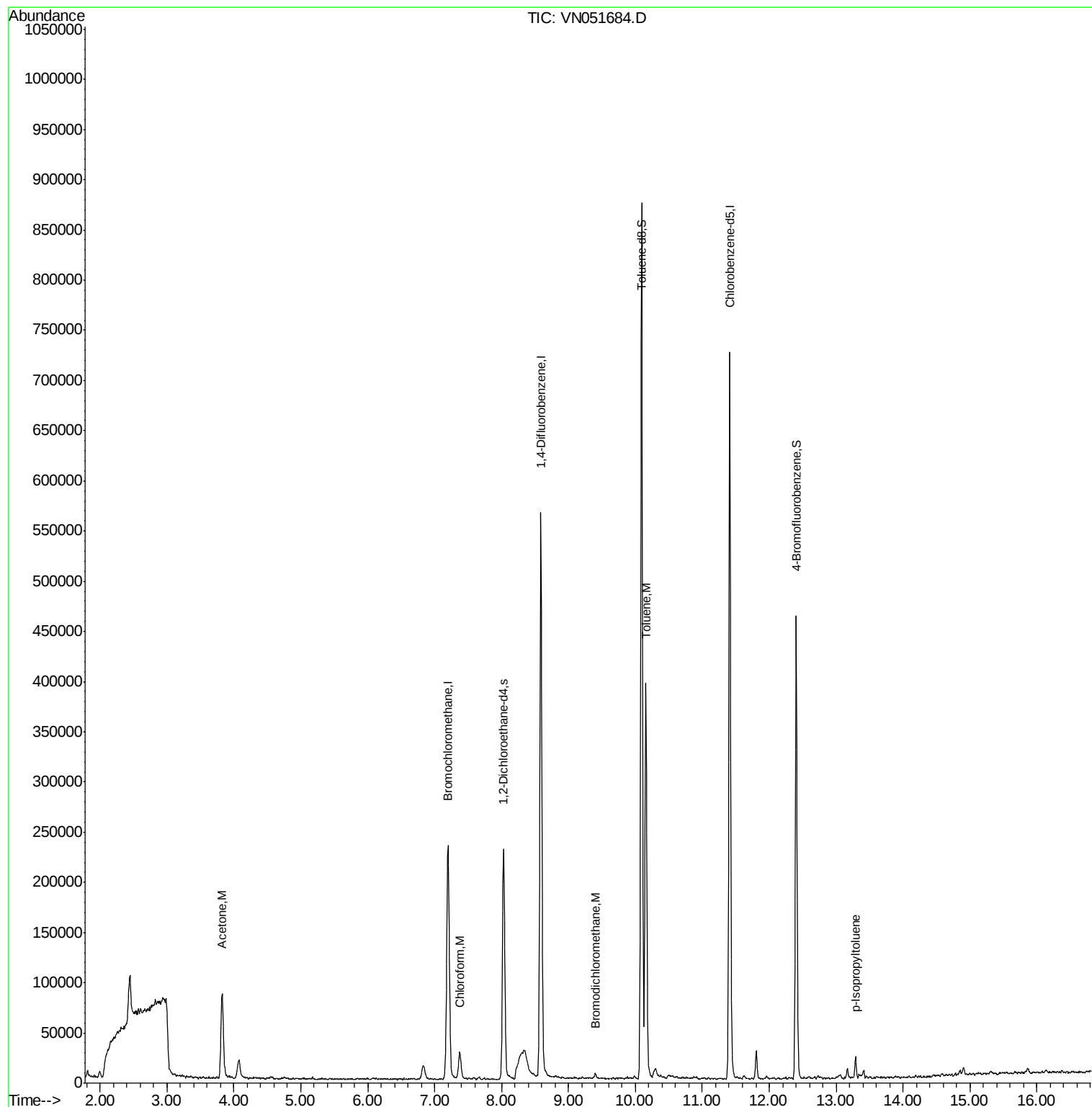
					Ovalue
15) Acetone	3.82	58	44868	130.407	ug/l 80
25) Chloroform	7.37	83	27127	2.626	ug/l # 81
41) Bromodichloromethane	9.40	83	2780	0.345	ug/l # 85
62) Toluene	10.16	91	306504	13.734	ug/l 98
82) p-Isopropyltoluene	13.29	119	11183	0.467	ug/l 97

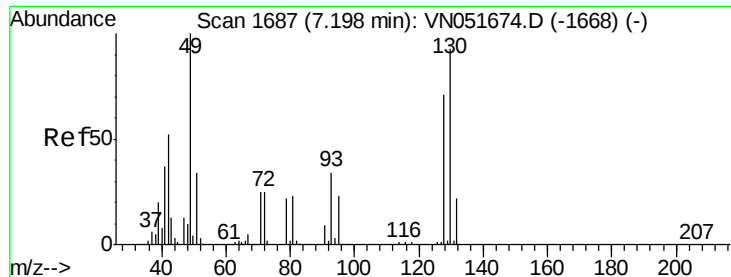
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN051684.D

Acq: 5 Oct 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(AUG)

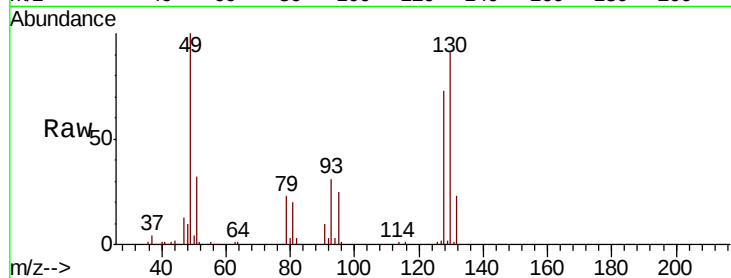
Tot Ion:128 Resp: 95723

Ion Ratio Lower Upper

128 100

49 139.4 0.0 403.3

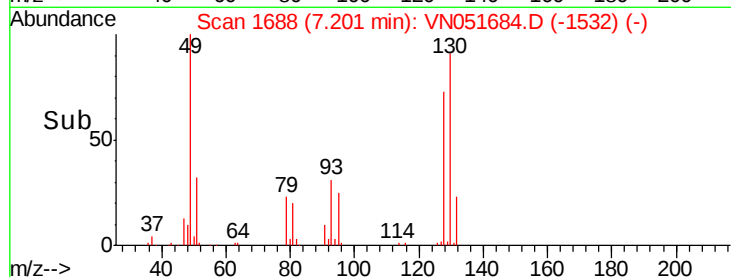
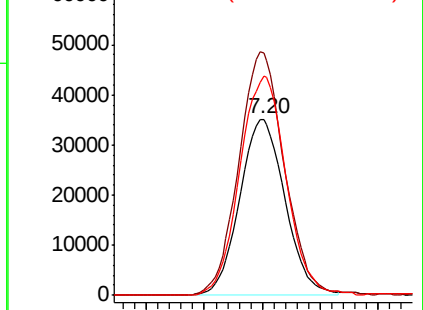
130 127.2 0.0 326.0



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: 130.407 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051684.D

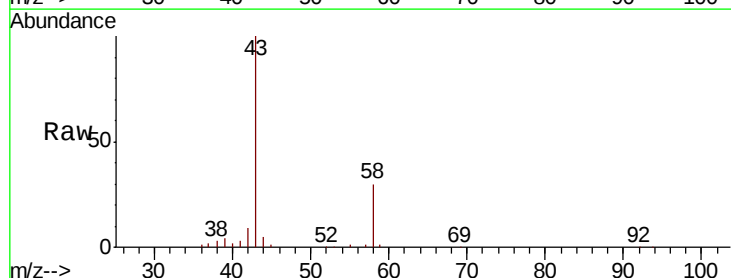
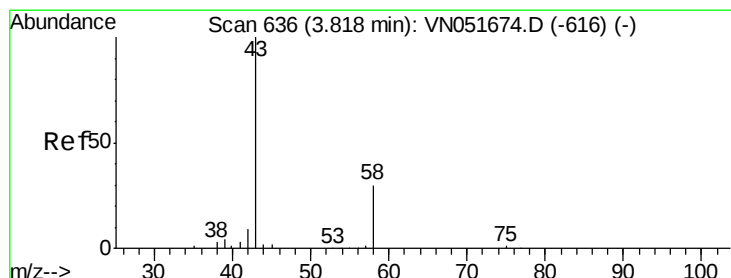
Acq: 5 Oct 2018 14:03

Tgt Ion: 58 Resp: 44868

Ion Ratio Lower Upper

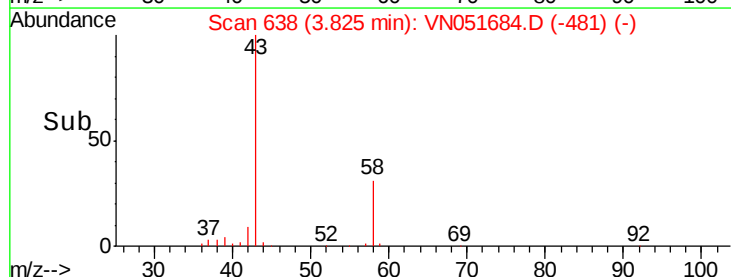
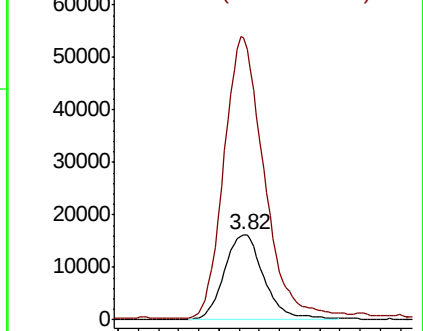
58 100

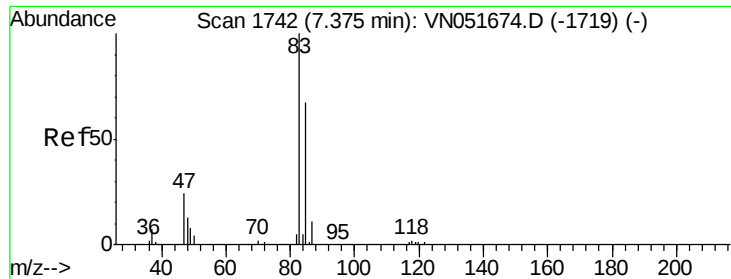
43 328.6 232.2 348.2



Abundance Ion 58.00 (57.70 to 58.70): VN

Ion 43.00 (42.70 to 43.70): VN





#25

Chloroform

Concen: 2.626 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN051684.D

Acq: 5 Oct 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

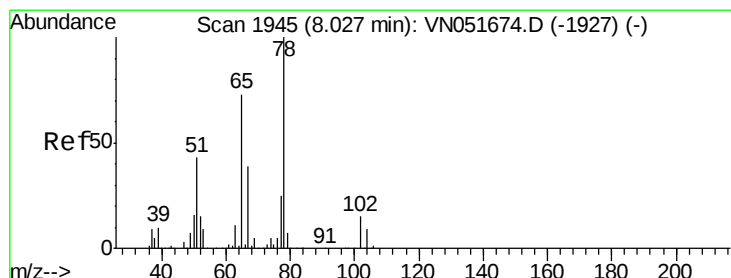
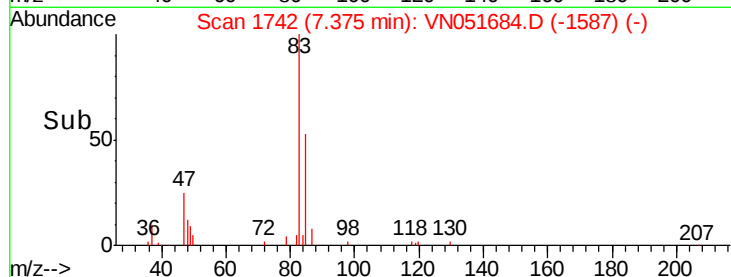
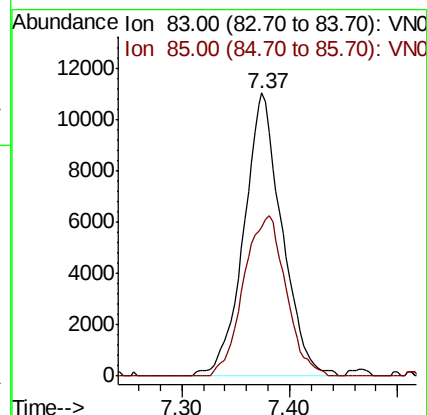
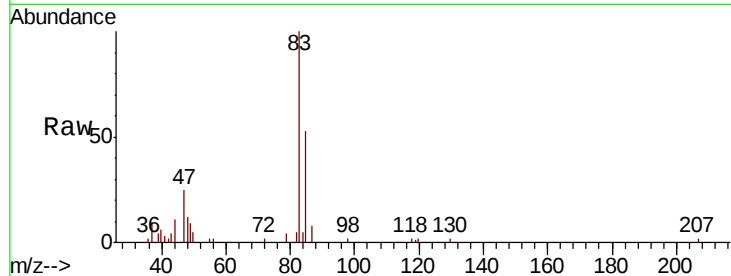
001-WILLETS-PT-BLVD(AUG)

Tot Ion: 83 Resp: 27127

Ion Ratio Lower Upper

83 100

85 52.6 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: VN051684.D

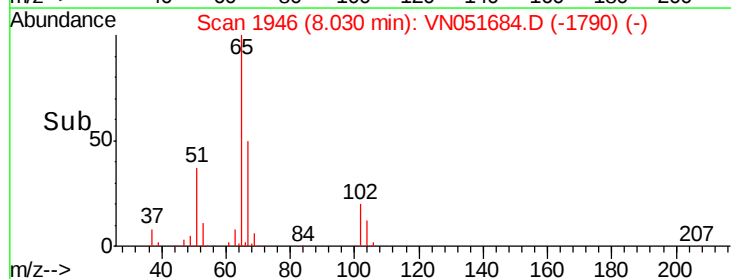
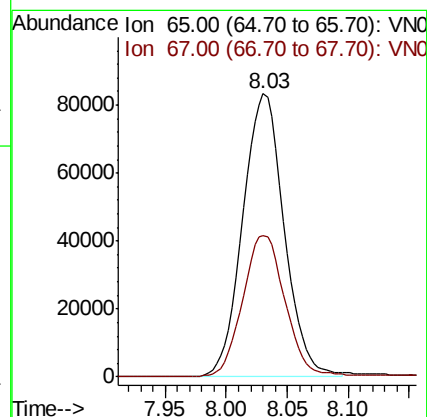
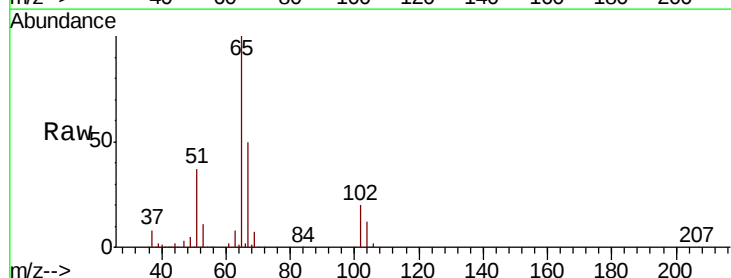
Acq: 5 Oct 2018 14:03

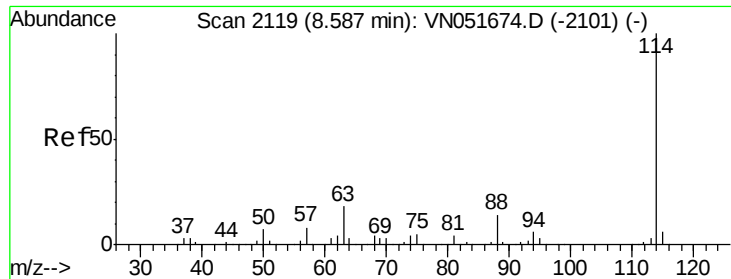
Tgt Ion: 65 Resp: 195808

Ion Ratio Lower Upper

65 100

67 51.4 41.8 62.8

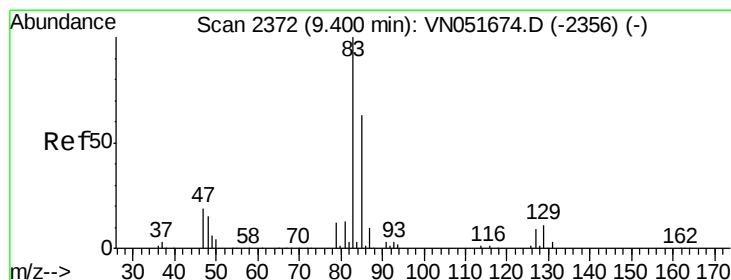
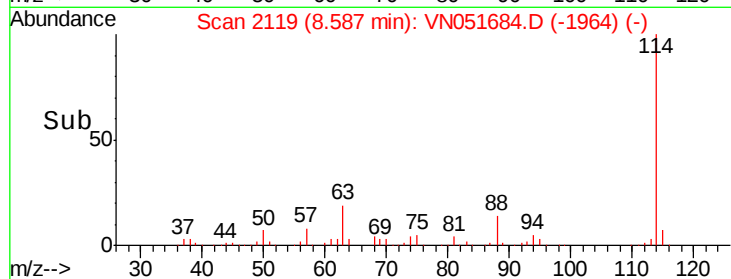
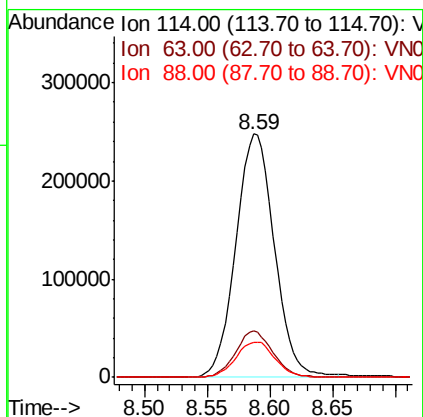
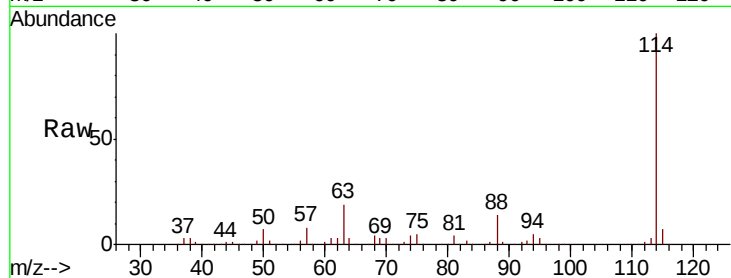




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051684.D
 Acq: 5 Oct 2018 14:03

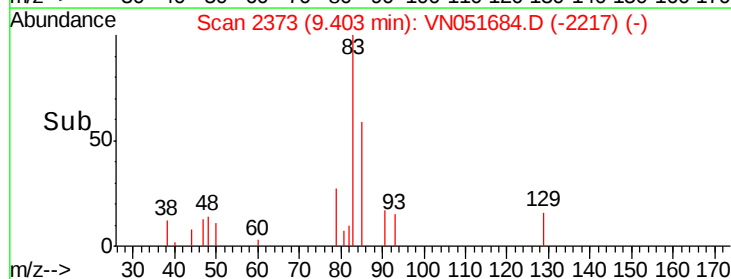
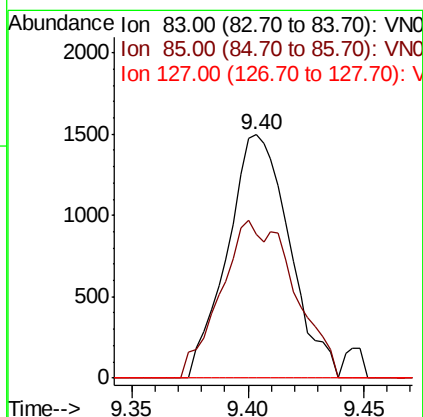
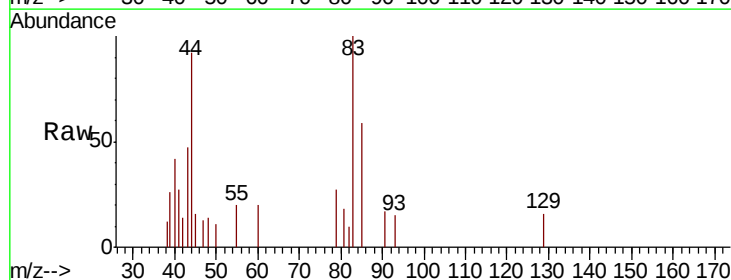
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(AUG)

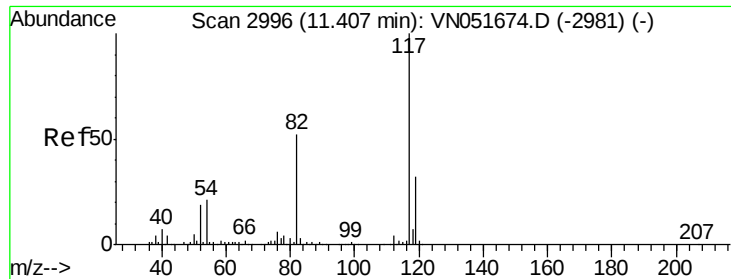
Tot Ion:114 Resp: 530024
 Ion Ratio Lower Upper
 114 100
 63 18.3 16.2 24.2
 88 14.7 12.2 18.4



#41
 Bromodichloromethane
 Concen: 0.345 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN051684.D
 Acq: 5 Oct 2018 14:03

Tgt Ion: 83 Resp: 2780
 Ion Ratio Lower Upper
 83 100
 85 58.9 55.7 83.5
 127 0.0 8.2 12.4#

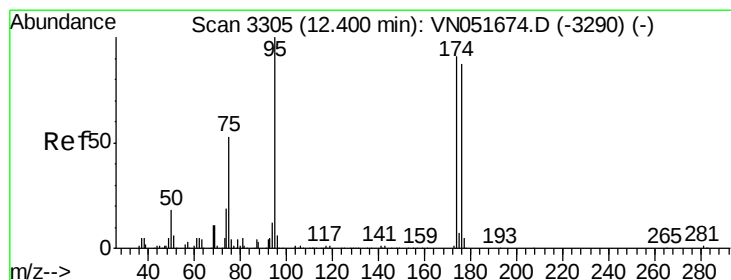
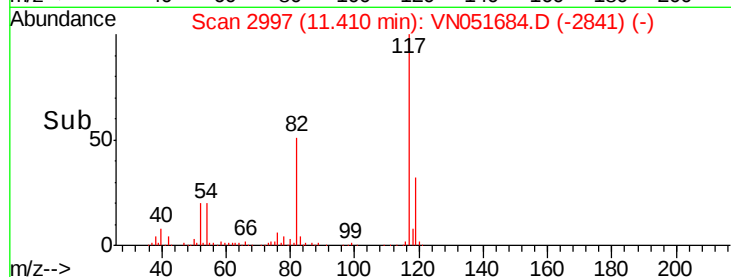
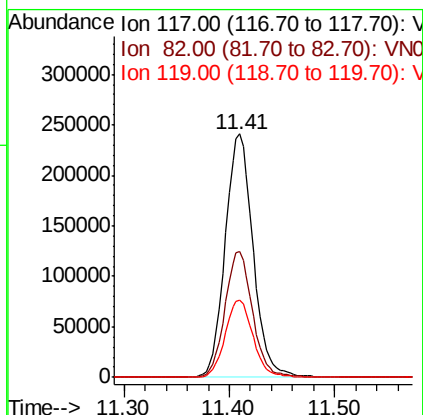
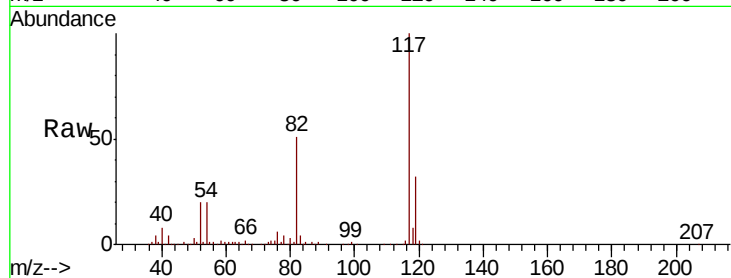




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051684.D
Acq: 5 Oct 2018 14:03

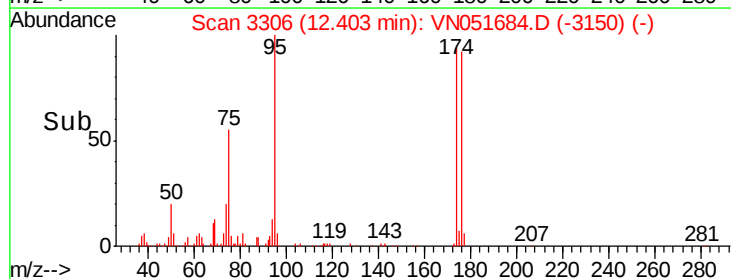
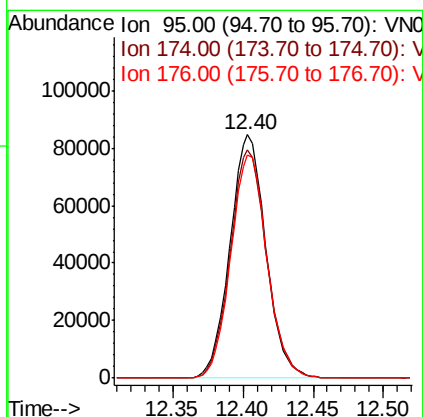
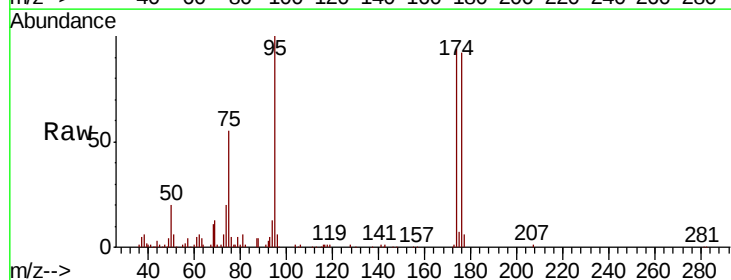
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)

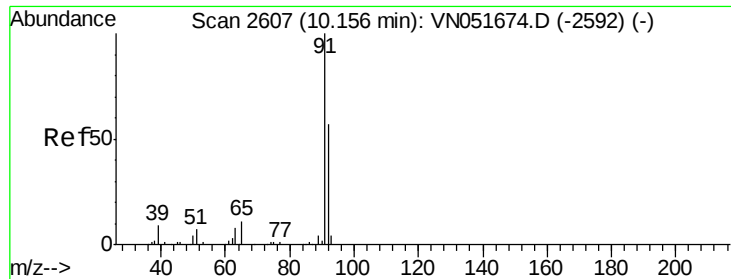
Tot Ion:117 Resp: 440559
Ion Ratio Lower Upper
117 100
82 51.0 44.1 66.1
119 31.6 25.8 38.8



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051684.D
Acq: 5 Oct 2018 14:03

Tgt Ion: 95 Resp: 150611
Ion Ratio Lower Upper
95 100
174 95.2 73.5 110.3
176 92.7 70.2 105.2





#62

Toluene

Concen: 13.734 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051684.D

Acq: 5 Oct 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

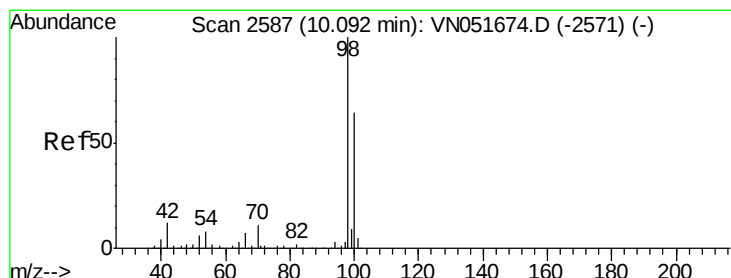
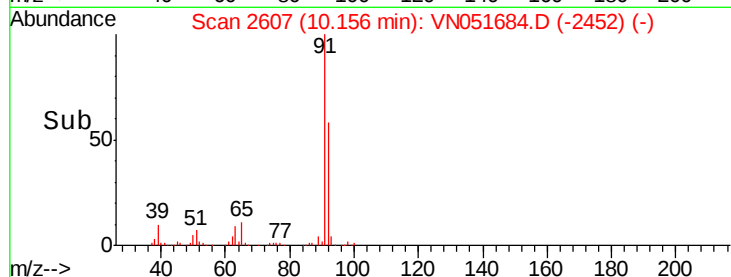
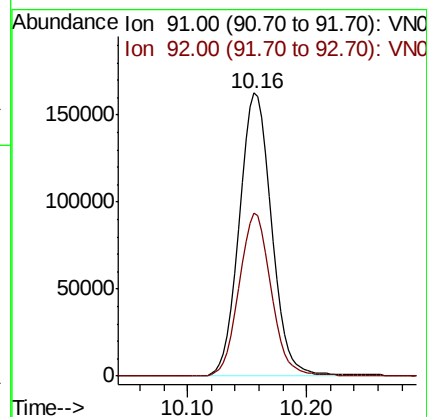
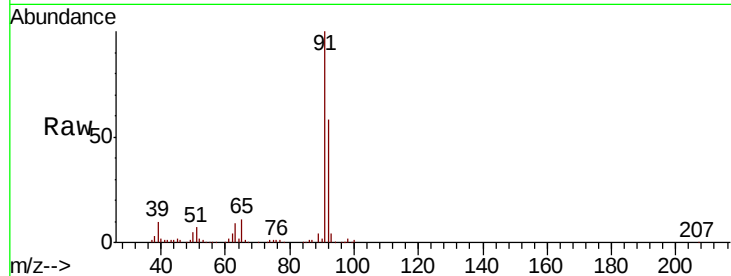
001-WILLETS-PT-BLVD(AUG)

Tot Ion: 91 Resp: 306504

Ion Ratio Lower Upper

91 100

92 57.1 44.6 66.8



#63

Toluene-d8

Concen: 13.734 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051684.D

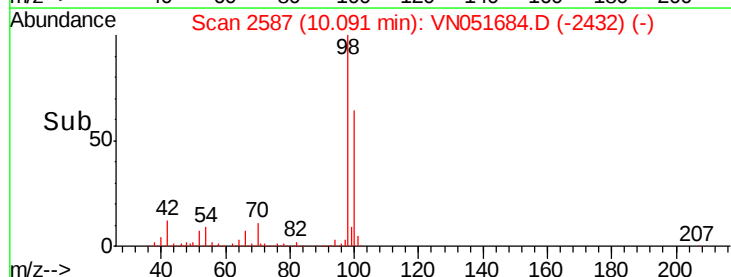
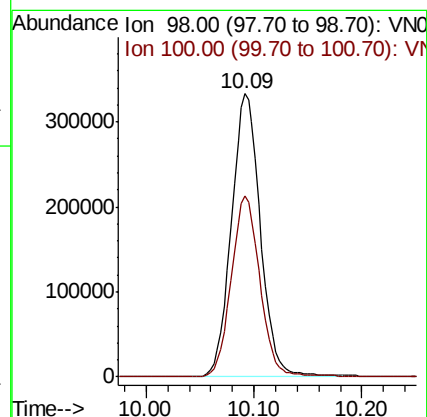
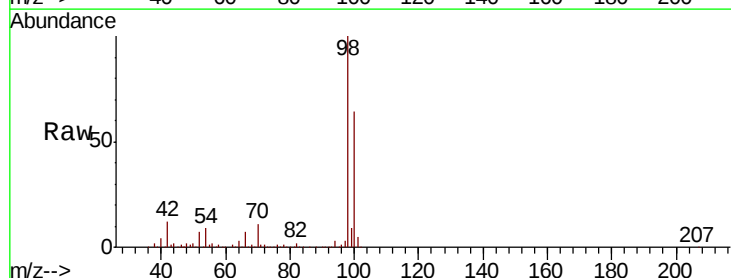
Acq: 5 Oct 2018 14:03

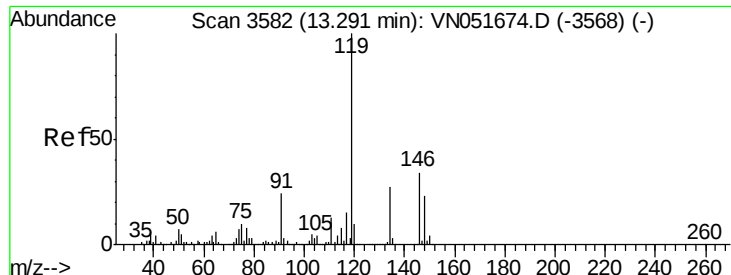
Tgt Ion: 98 Resp: 624517

Ion Ratio Lower Upper

98 100

100 63.1 50.8 76.2

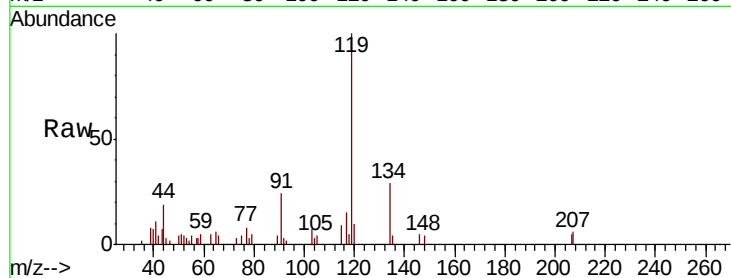




#82
 p-Isopropyltoluene
 Concen: 0.467 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN051684.D
 Acq: 5 Oct 2018 14:03

Instrument :
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Tot Ion	Ratio	Lower	Upper
119	100		
134	29.2	0.0	53.6
91	25.3	0.0	52.0



Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

