

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100518\
 Data File : VN051687.D
 Acq On : 5 Oct 2018 15:16
 Operator : MD\SY
 Sample : J5239-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

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

Quant Time: Oct 05 16:38:27 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	80810	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	463050	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	378792	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	165290	29.47	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.23%
60) 4-Bromofluorobenzene	12.40	95	135654	23.47	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	78.23%
63) Toluene-d8	10.09	98	536188	31.88	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	106.27%

Target Compounds

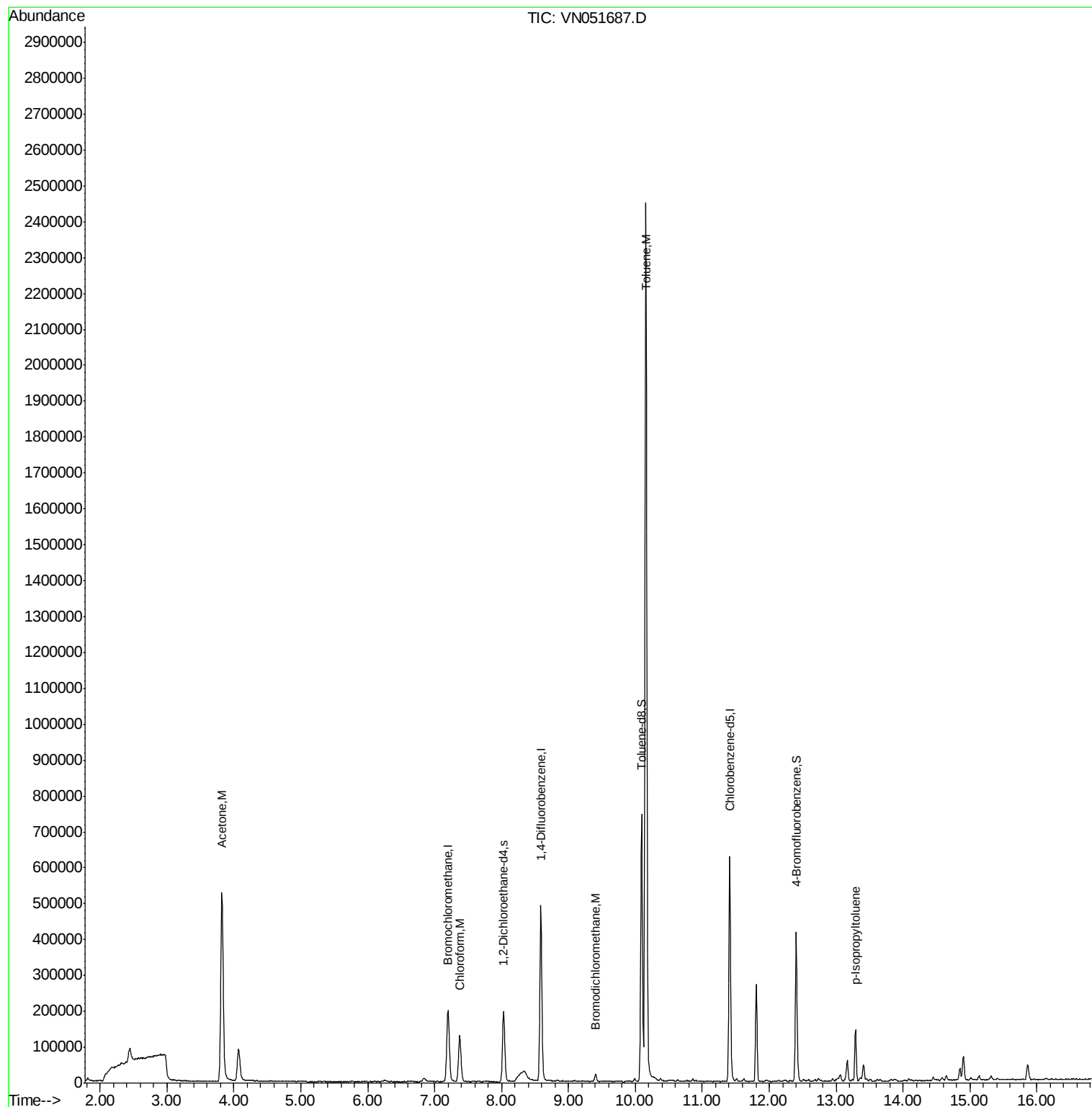
					Ovalue
15) Acetone	3.82	58	272717	938.914	ug/l 79
25) Chloroform	7.38	83	130075	14.917	ug/l 94
41) Bromodichloromethane	9.41	83	12858	1.826	ug/l 89
62) Toluene	10.16	91	1945572	101.396	ug/l 99
82) p-Isopropyltoluene	13.29	119	78501	3.815	ug/l 98

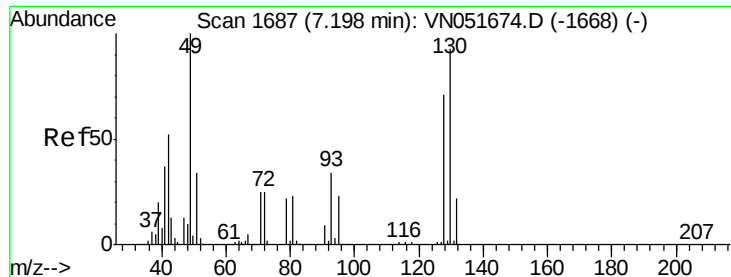
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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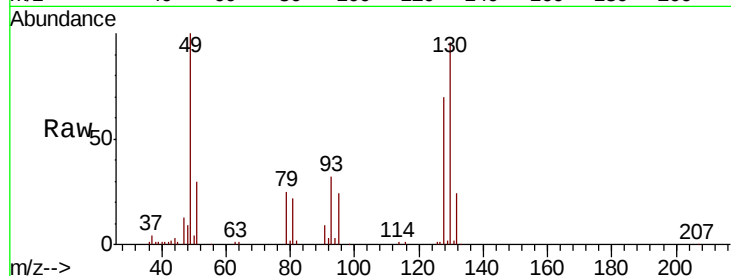




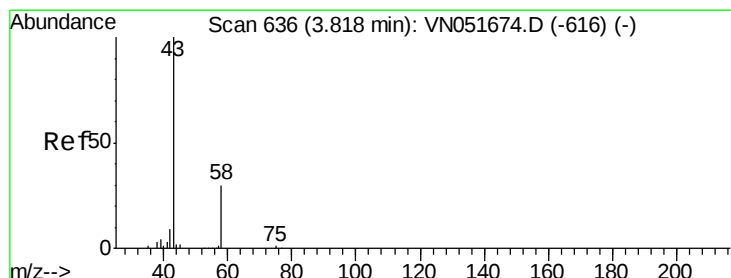
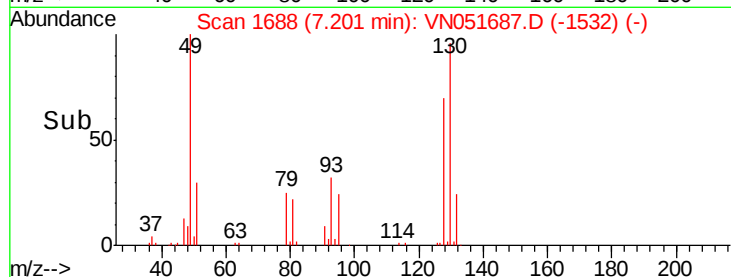
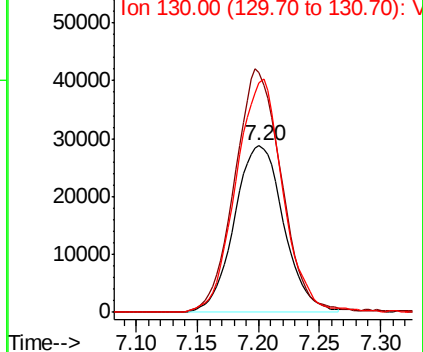
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VN051687.D
 Acq: 5 Oct 2018 15:16

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

Tot Ion:128 Resp: 80810
 Ion Ratio Lower Upper
 128 100
 49 138.4 0.0 403.3
 130 132.8 0.0 326.0

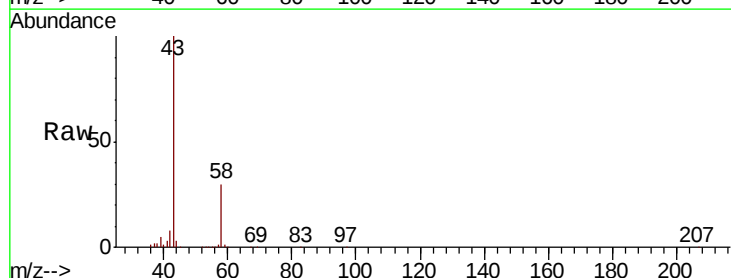


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

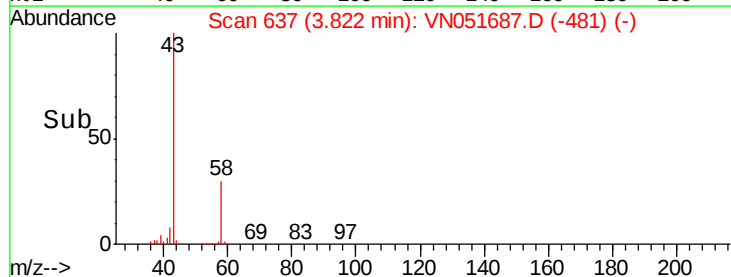
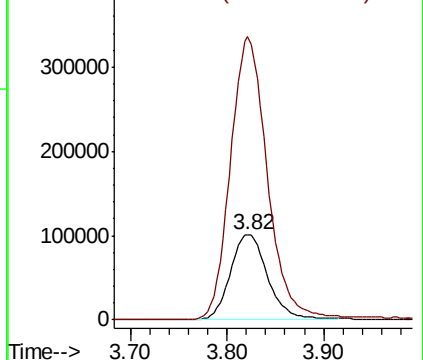


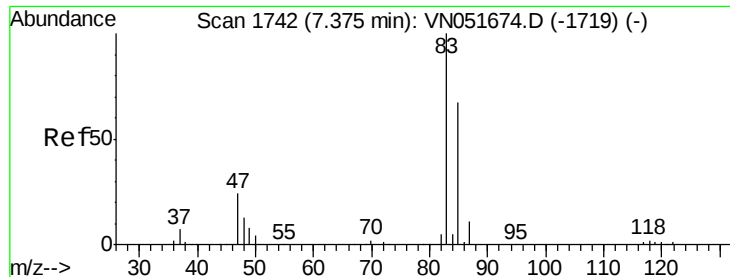
#15
 Acetone
 Concen: 938.914 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: VN051687.D
 Acq: 5 Oct 2018 15:16

Tgt Ion: 58 Resp: 272717
 Ion Ratio Lower Upper
 58 100
 43 330.7 232.2 348.2



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

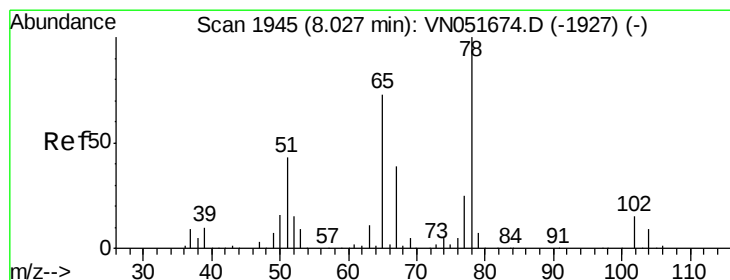
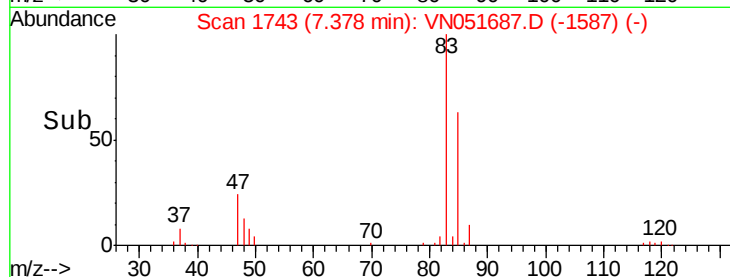
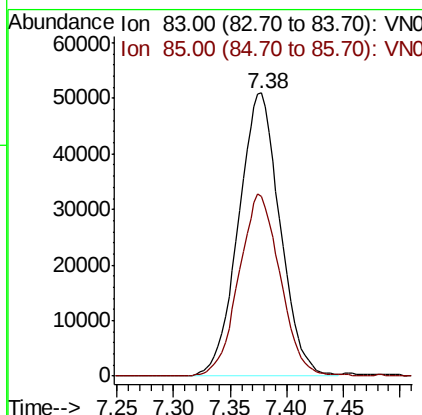
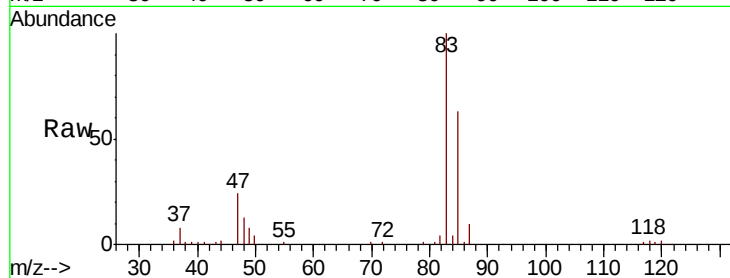




#25
Chloroform
Concen: 14.917 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN051687.D
Acq: 5 Oct 2018 15:16

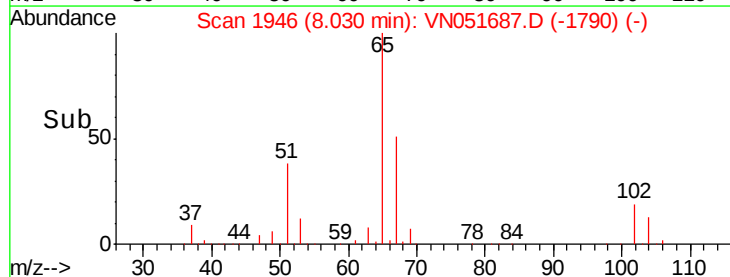
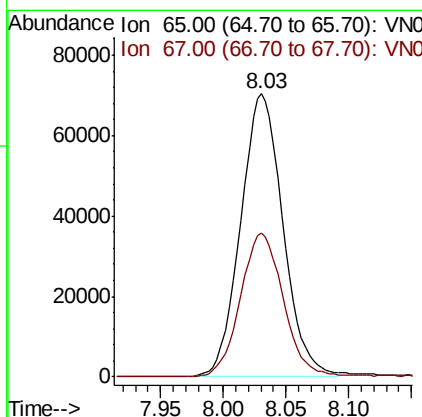
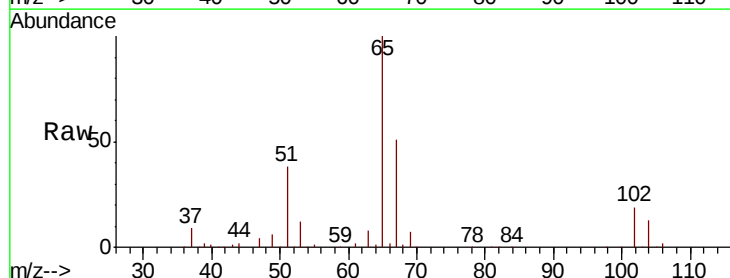
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)

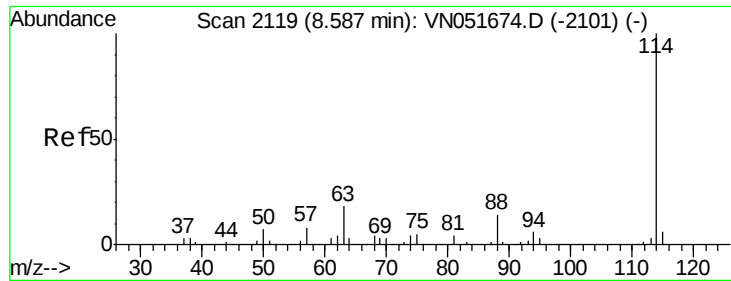
Tot Ion: 83 Resp: 130075
Ion Ratio Lower Upper
83 100
85 63.4 54.6 82.0



#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051687.D
Acq: 5 Oct 2018 15:16

Tgt Ion: 65 Resp: 165290
Ion Ratio Lower Upper
65 100
67 51.3 41.8 62.8

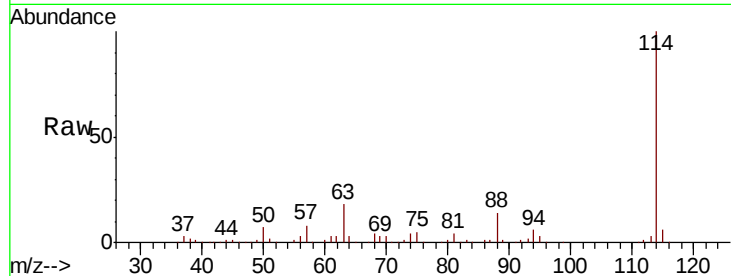




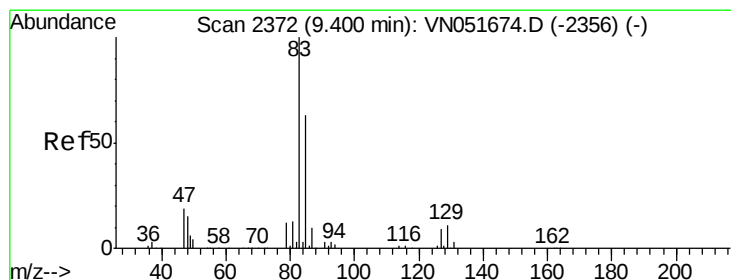
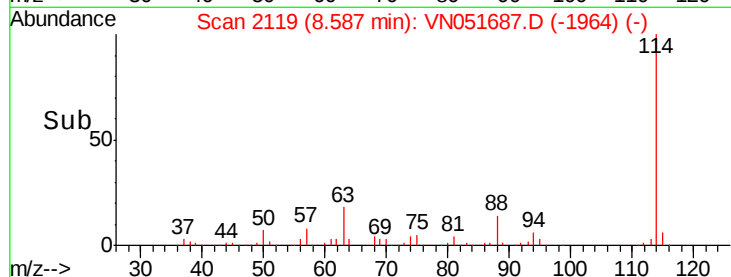
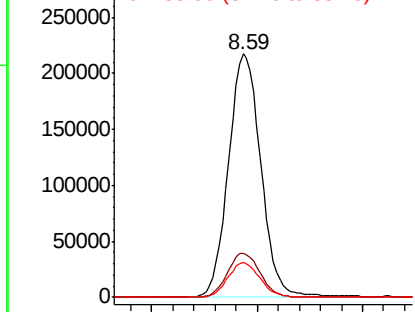
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051687.D
 Acq: 5 Oct 2018 15:16

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

Tot Ion:114 Resp: 463050
 Ion Ratio Lower Upper
 114 100
 63 18.3 16.2 24.2
 88 14.2 12.2 18.4

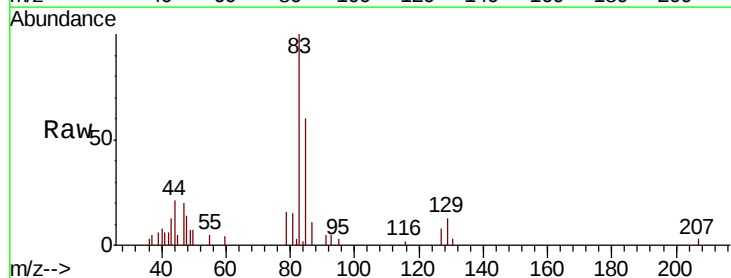


Abundance Ion 114.00 (113.70 to 114.70): VN051687.D (-2101) (-)
 Ion 63.00 (62.70 to 63.70): VN051687.D (-2101) (-)
 Ion 88.00 (87.70 to 88.70): VN051687.D (-2101) (-)

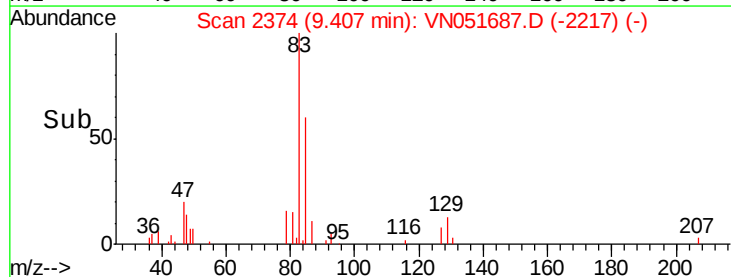
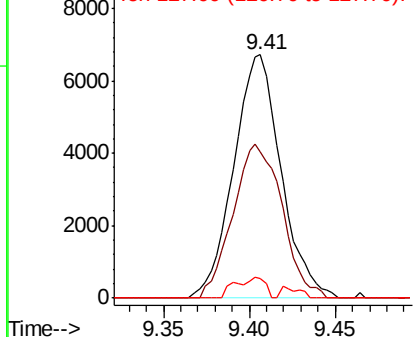


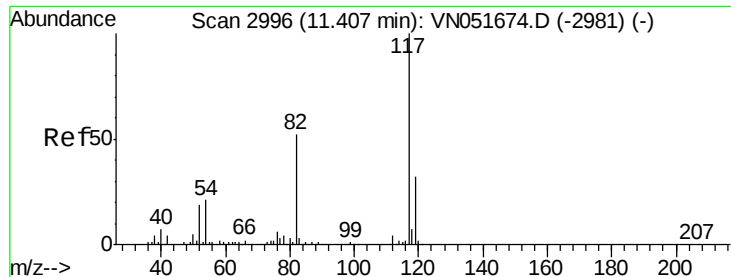
#41
 Bromodichloromethane
 Concen: 1.826 ug/l
 RT: 9.41 min Scan# 2374
 Delta R.T. 0.01 min
 Lab File: VN051687.D
 Acq: 5 Oct 2018 15:16

Tgt Ion: 83 Resp: 12858
 Ion Ratio Lower Upper
 83 100
 85 59.9 55.7 83.5
 127 8.2 8.2 12.4



Abundance Ion 83.00 (82.70 to 83.70): VN051687.D (-2356) (-)
 Ion 85.00 (84.70 to 85.70): VN051687.D (-2356) (-)
 Ion 127.00 (126.70 to 127.70): VN051687.D (-2356) (-)

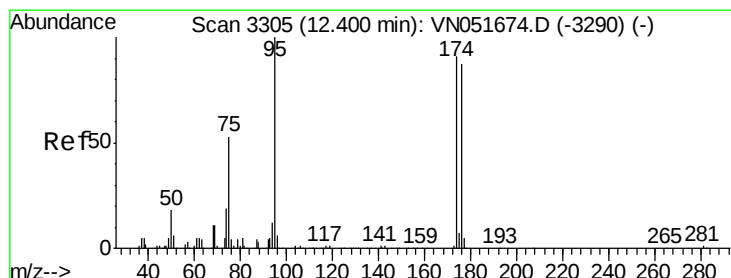
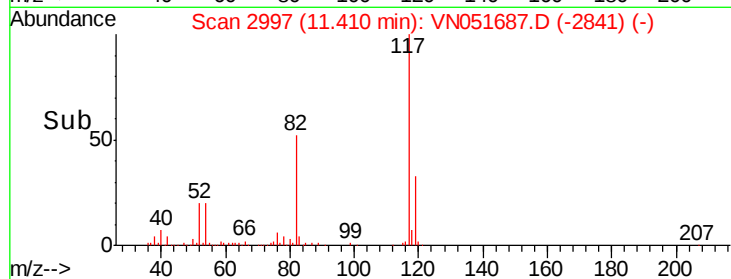
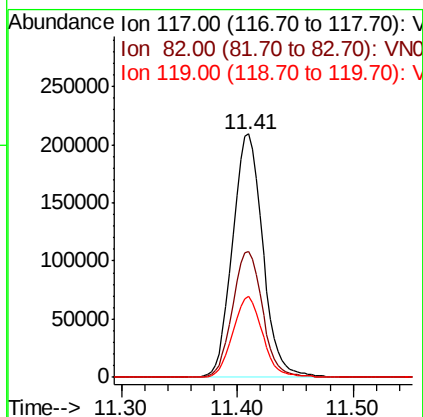
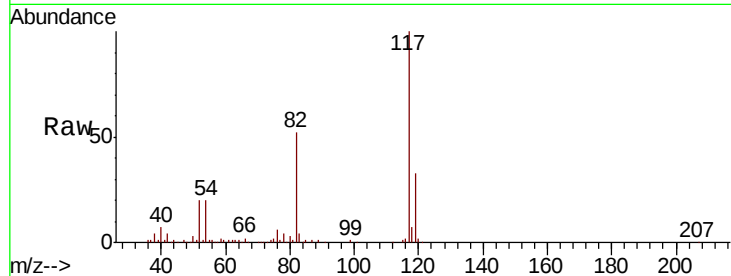




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051687.D
Acq: 5 Oct 2018 15:16

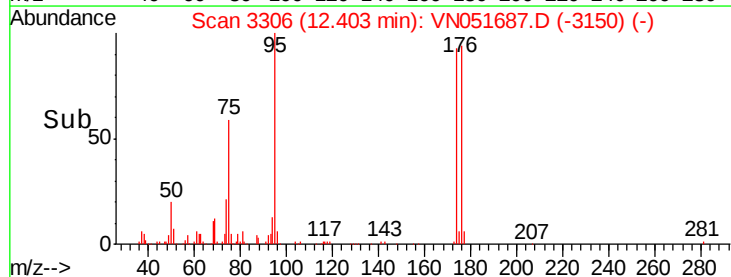
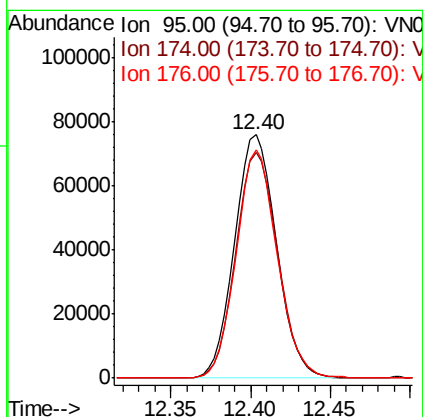
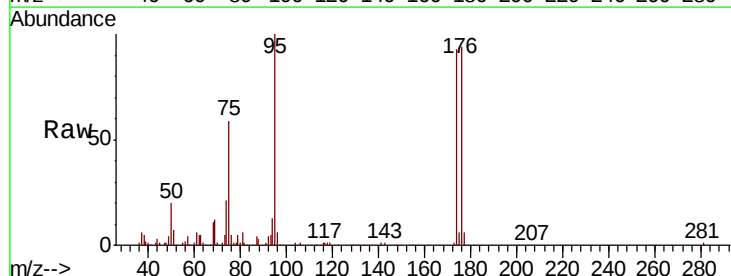
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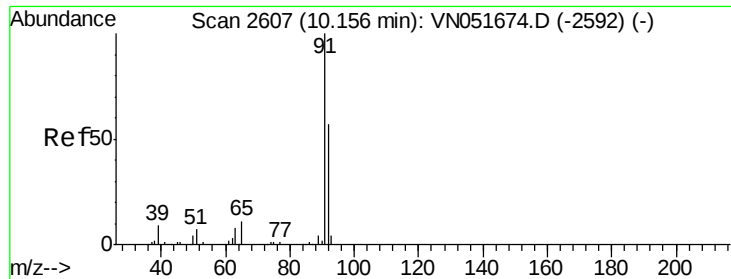
Tot Ion:117 Resp: 378792
Ion Ratio Lower Upper
117 100
82 51.4 44.1 66.1
119 32.7 25.8 38.8



#60
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051687.D
Acq: 5 Oct 2018 15:16

Tgt Ion: 95 Resp: 135654
Ion Ratio Lower Upper
95 100
174 92.9 73.5 110.3
176 91.8 70.2 105.2





#62

Toluene

Concen: 101.396 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051687.D

Acq: 5 Oct 2018 15:16

Instrument :

MSVOA_N

ClientSampleId :

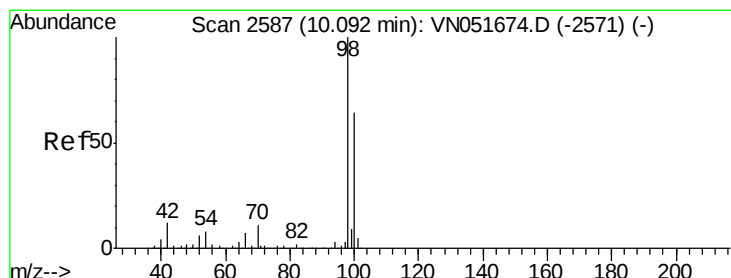
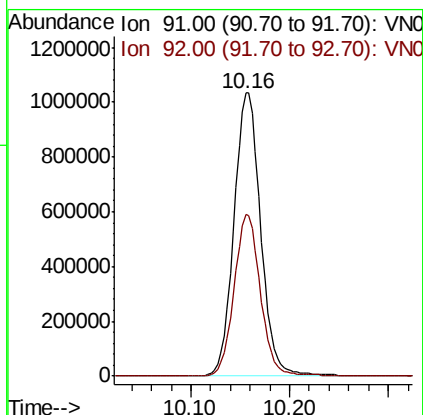
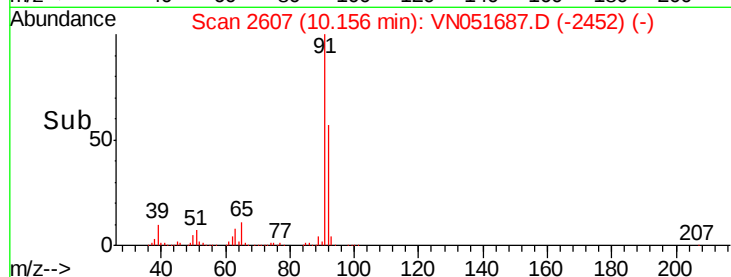
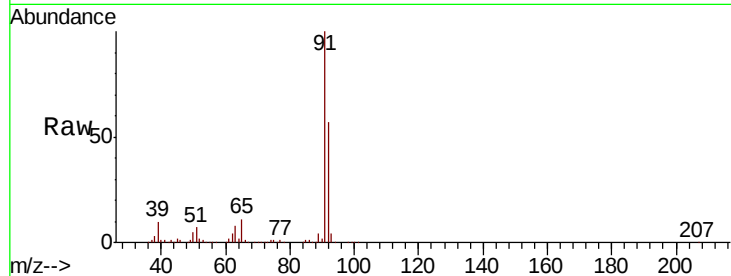
001-WILLETS-PT-BLVD(AUG)

Tot Ion: 91 Resp: 1945572

Ion Ratio Lower Upper

91 100

92 56.5 44.6 66.8



#63

Toluene-d8

Concen: 101.396 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051687.D

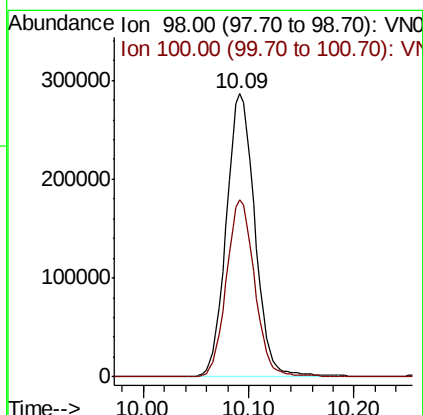
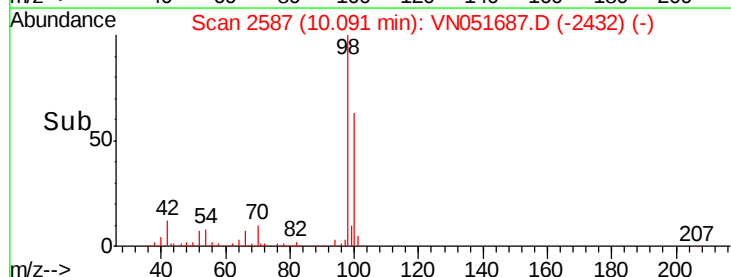
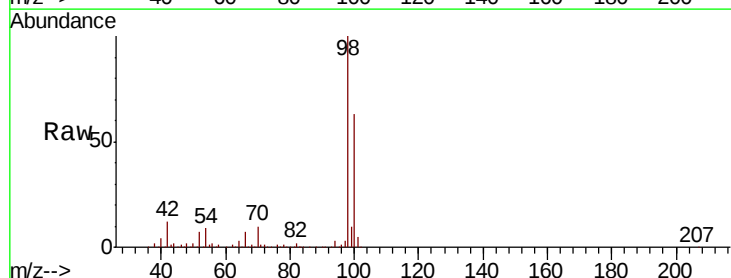
Acq: 5 Oct 2018 15:16

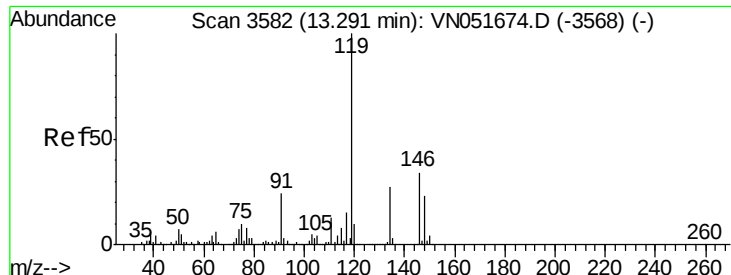
Tgt Ion: 98 Resp: 536188

Ion Ratio Lower Upper

98 100

100 61.7 50.8 76.2

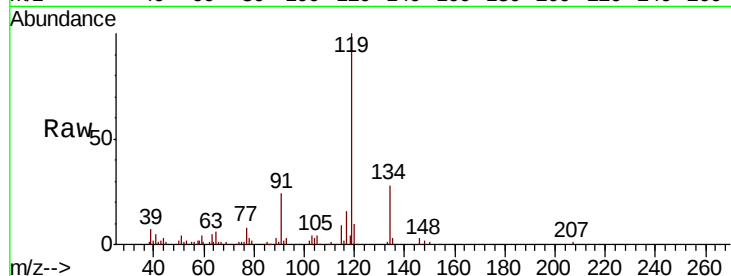




#82
 p-Isopropyltoluene
 Concen: 3.815 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051687.D
 Acq: 5 Oct 2018 15:16

Instrument :
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Tot Ion	Ratio	Lower	Upper
119	100		
134	27.6	0.0	53.6
91	24.7	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

