

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100118\
 Data File : VN051639.D
 Acq On : 1 Oct 2018 15:42
 Operator : MD\SY
 Sample : J5166-01DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

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

Quant Time: Oct 02 01:38:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Sep 29 01:07:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	97588	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	476038	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	414127	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	206954	30.46	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.53%
60) 4-Bromofluorobenzene	12.40	95	144491	22.69	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	75.63%
63) Toluene-d8	10.09	98	545704	27.93	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	93.10%

Target Compounds

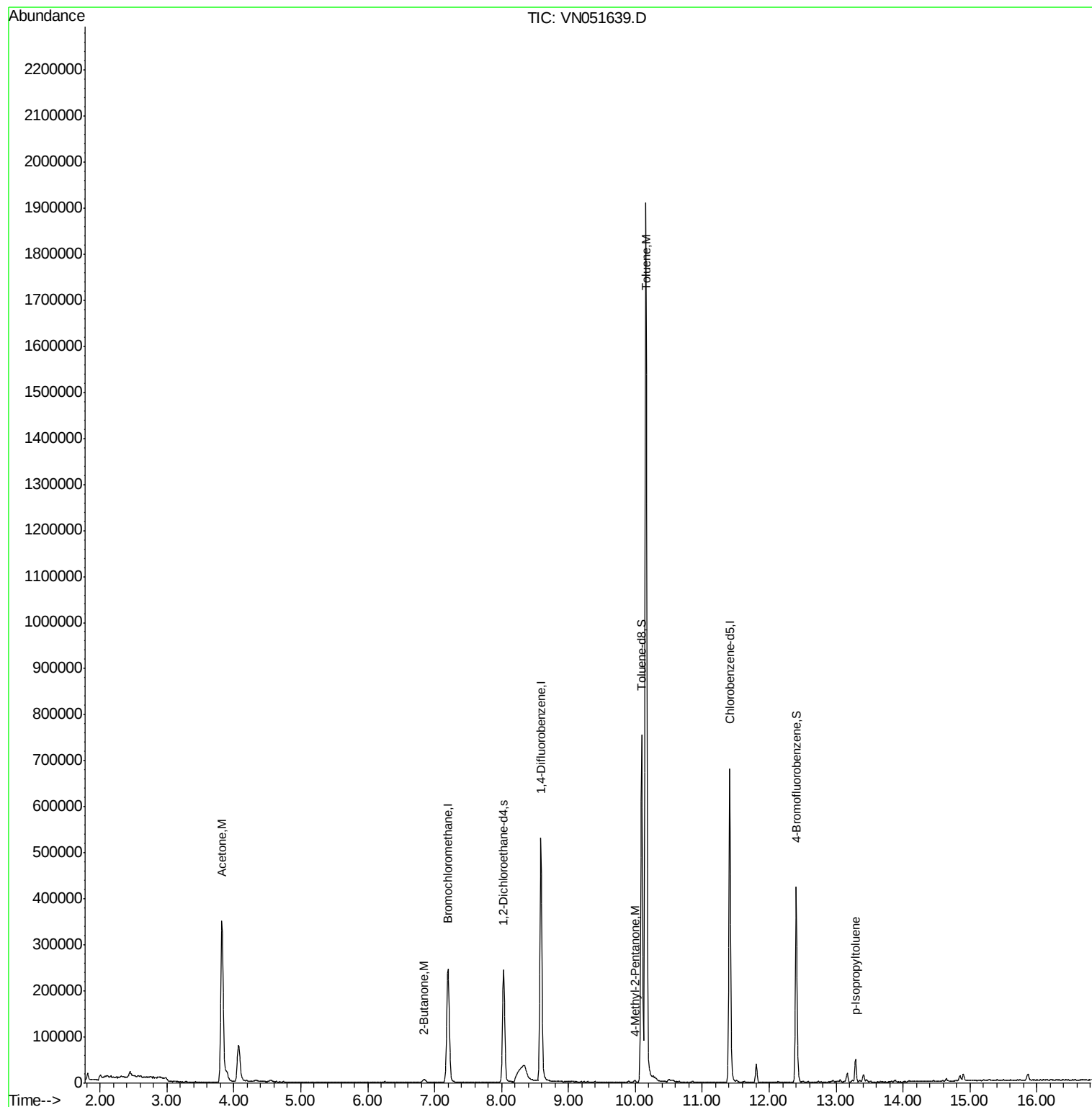
					Ovalue	
15) Acetone	3.82	58	193319	354.021	ug/l	91
30) 2-Butanone	6.85	43	7935	3.592	ug/l #	61
58) 4-Methyl-2-Pentanone	9.99	43	3683	0.783	ug/l #	77
62) Toluene	10.16	91	1528478	60.193	ug/l	99
82) p-Isopropyltoluene	13.29	119	24067	1.104	ug/l	96

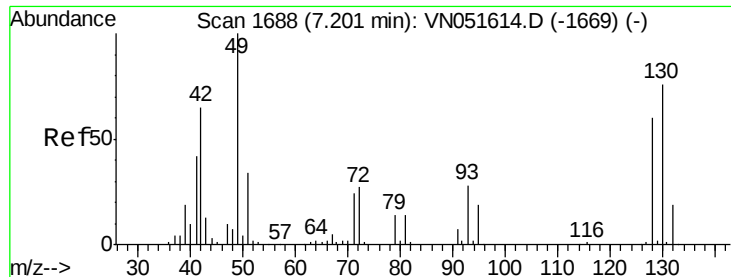
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051639.D

Acq: 1 Oct 2018 15:42

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(AUG)DL

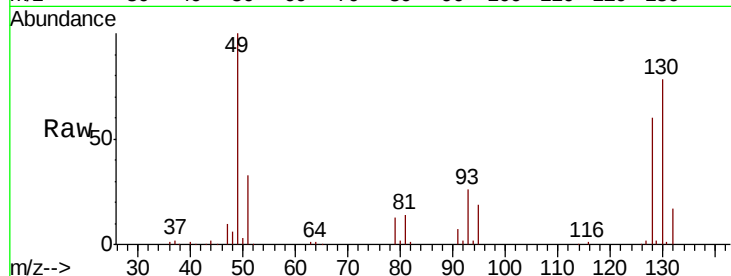
Tot Ion:128 Resp: 97588

Ion Ratio Lower Upper

128 100

49 168.7 0.0 426.8

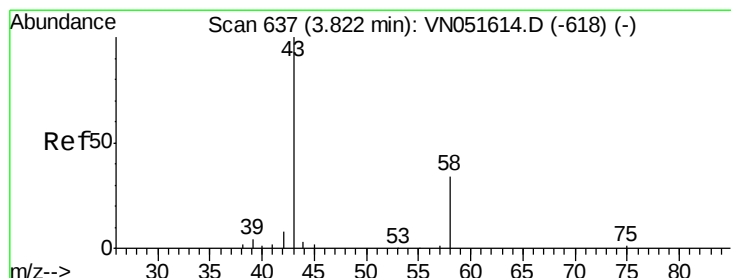
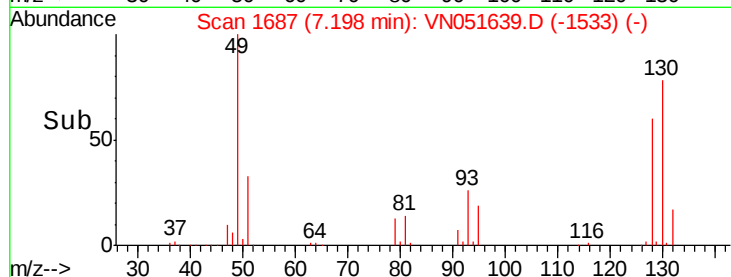
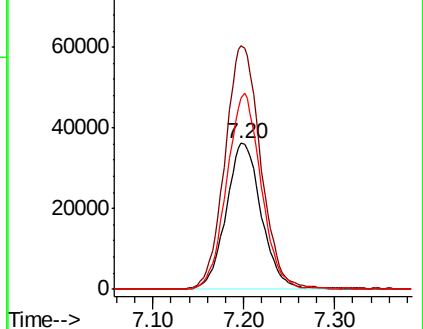
130 130.3 0.0 326.3



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: 354.021 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN051639.D

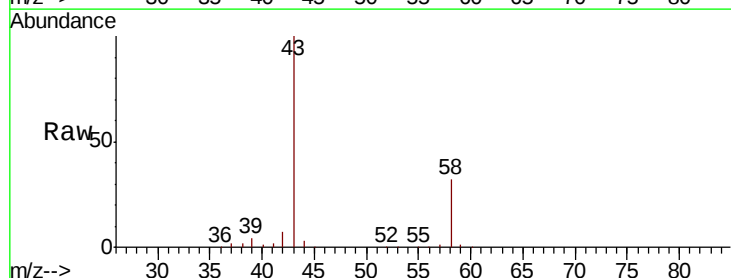
Acq: 1 Oct 2018 15:42

Tgt Ion: 58 Resp: 193319

Ion Ratio Lower Upper

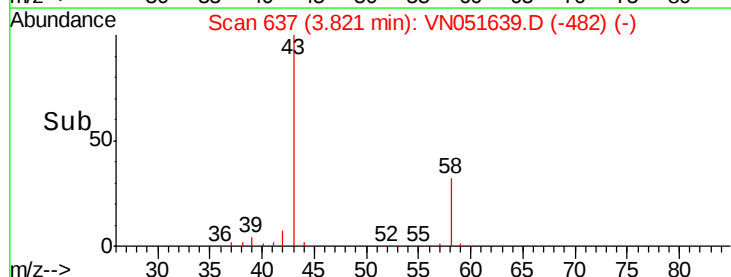
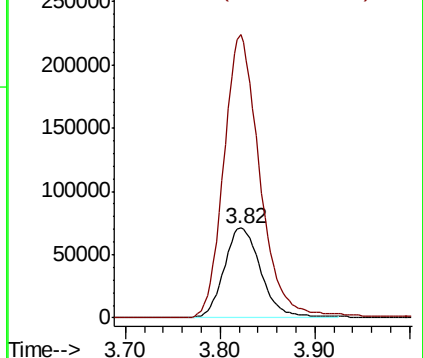
58 100

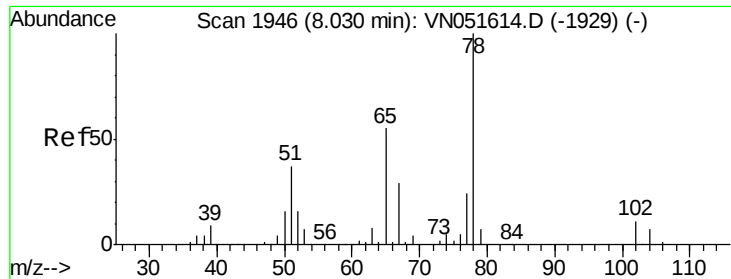
43 314.5 238.0 357.0



Abundance Ion 58.00 (57.70 to 58.70): VN

Ion 43.00 (42.70 to 43.70): VN

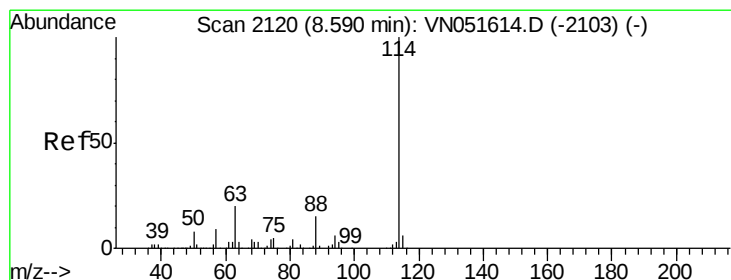
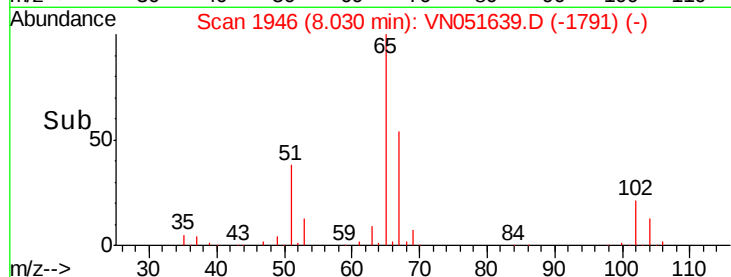
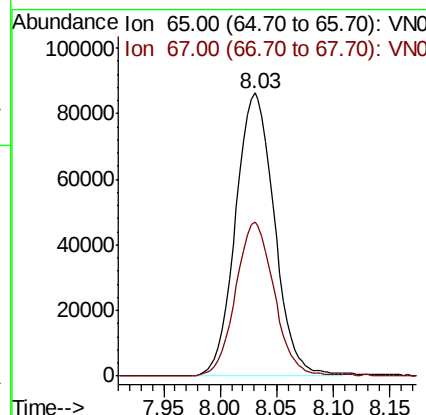
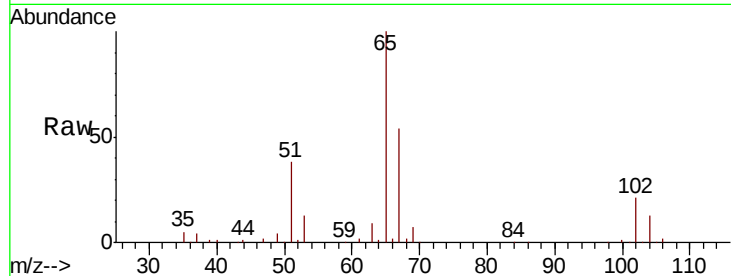




#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: VN051639.D
 Acq: 1 Oct 2018 15:42

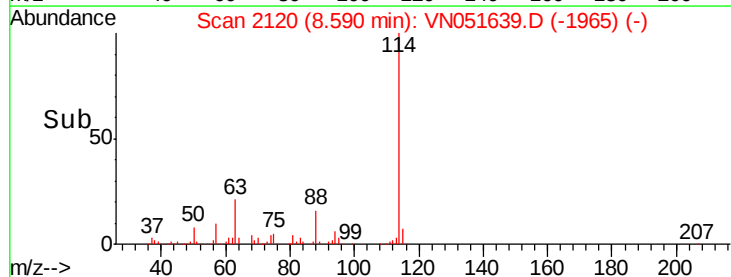
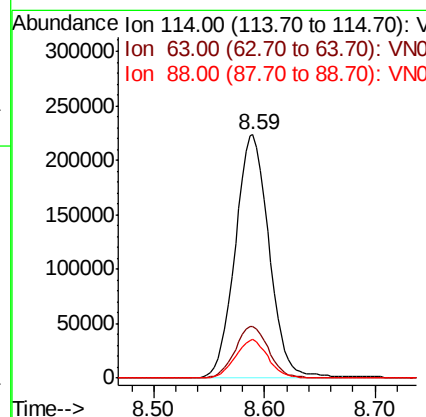
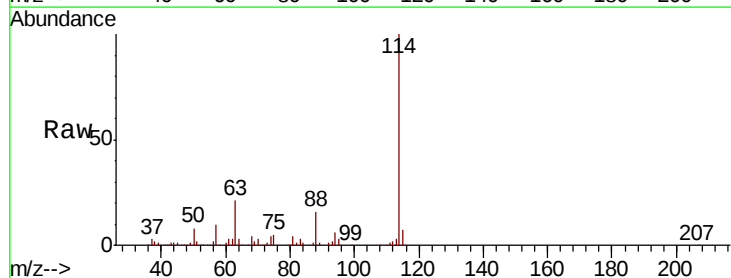
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(AUG)DL

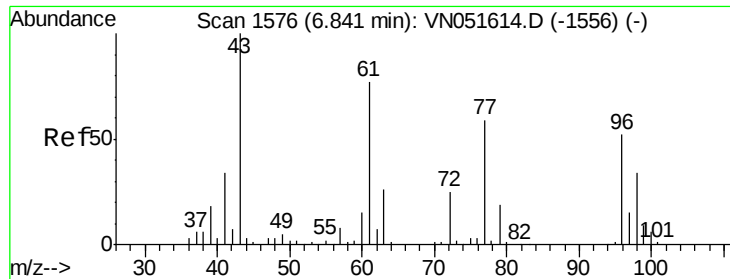
Tot Ion: 65 Resp: 206954
 Ion Ratio Lower Upper
 65 100
 67 53.9 43.1 64.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. -0.00 min
 Lab File: VN051639.D
 Acq: 1 Oct 2018 15:42

Tgt Ion: 114 Resp: 476038
 Ion Ratio Lower Upper
 114 100
 63 21.1 16.4 24.6
 88 15.3 12.6 18.8

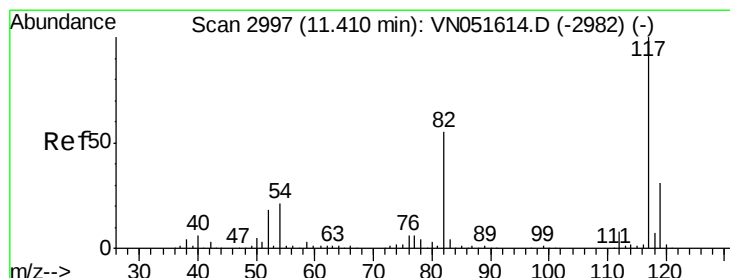
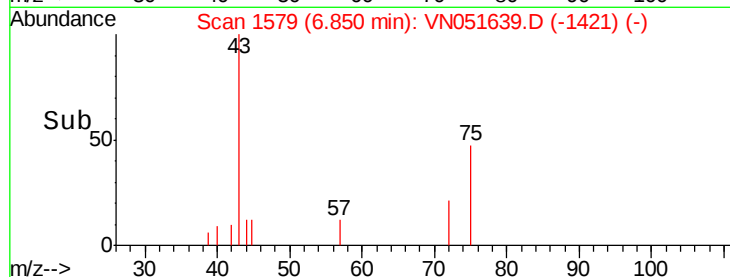
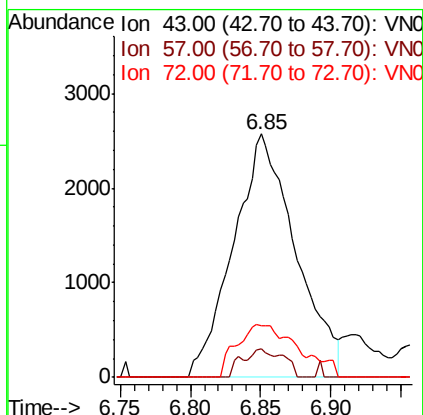
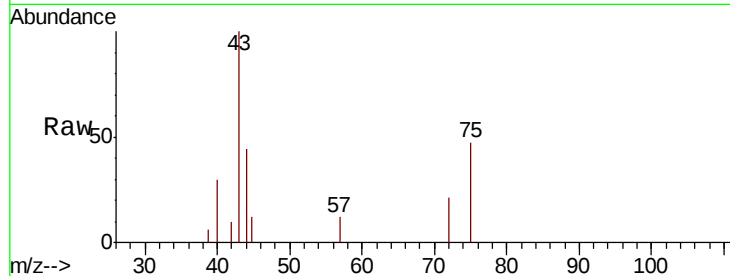




#30
2-Butanone
Concen: 3.592 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

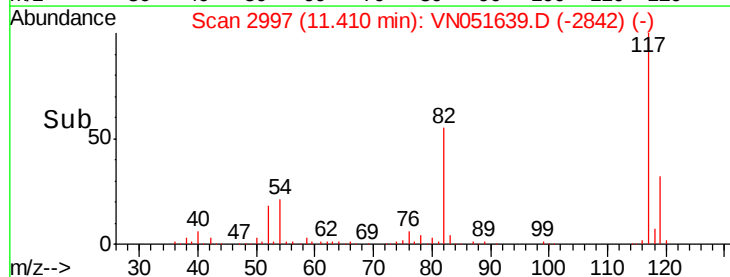
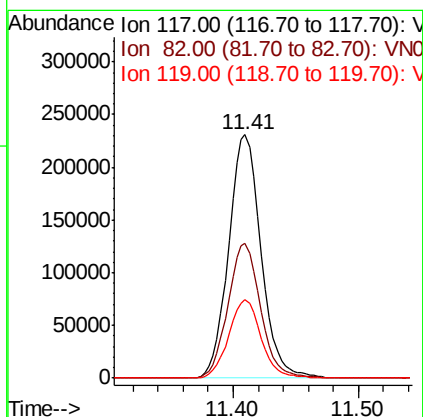
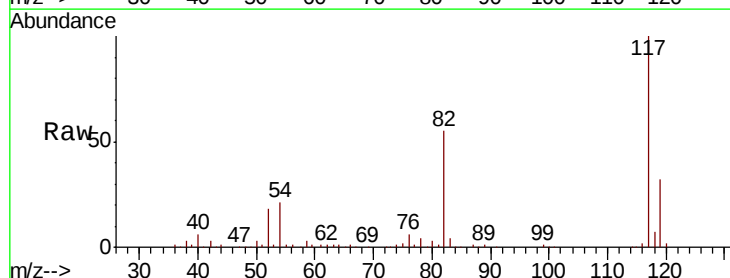
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)DL

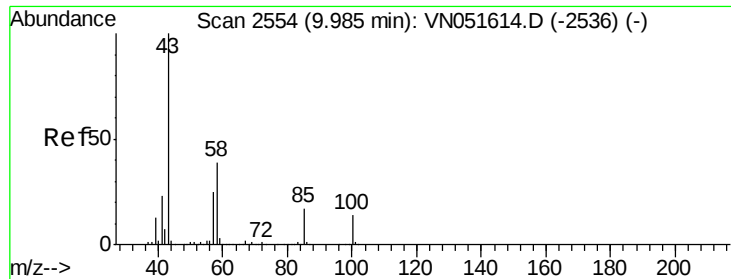
Tot Ion: 43 Resp: 7935
Ion Ratio Lower Upper
43 100
57 1.8 6.6 10.0#
72 2.5 20.8 31.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

Tgt Ion: 117 Resp: 414127
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.3 25.2 37.8

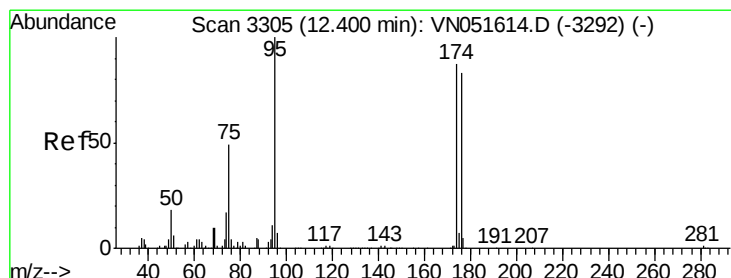
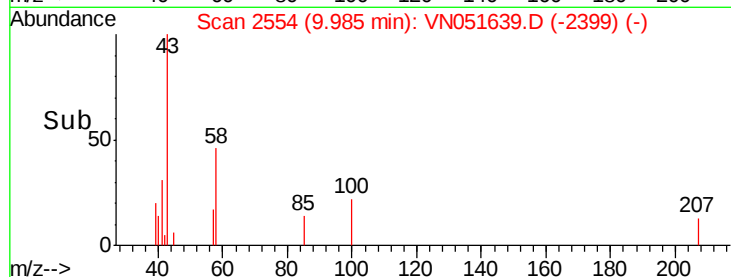
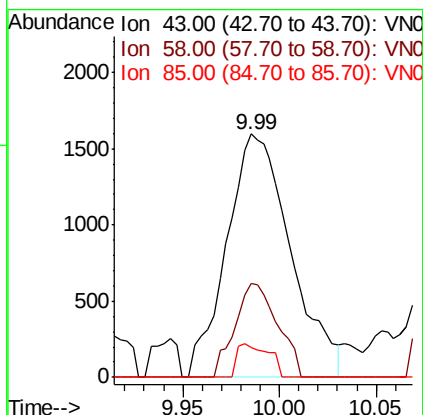
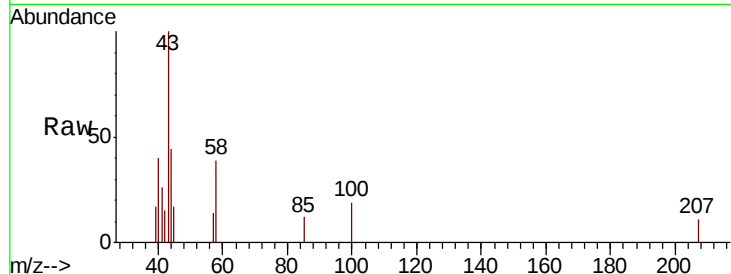




#58
4-Methyl-2-Pentanone
Concen: 0.783 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

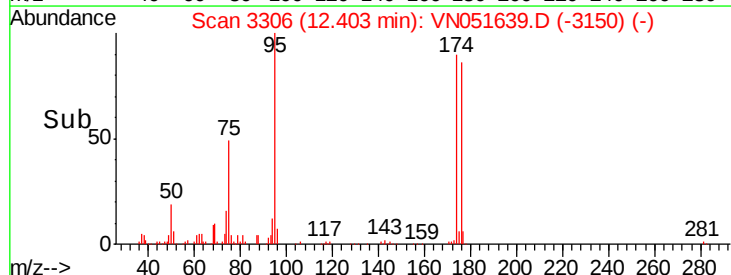
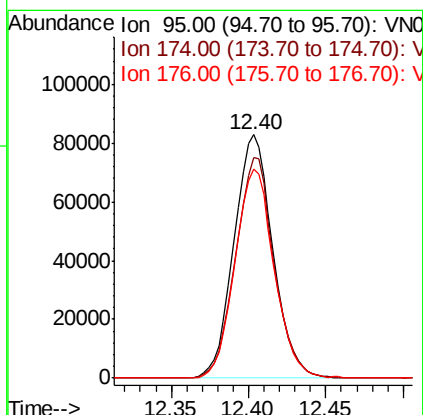
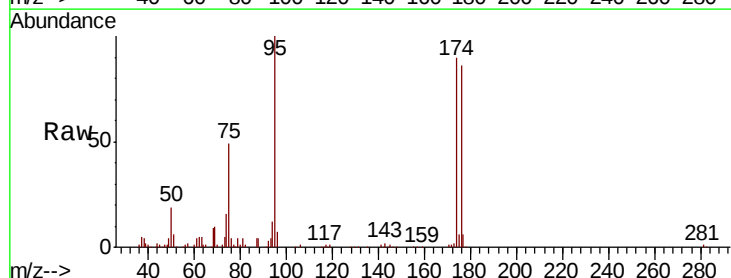
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)DL

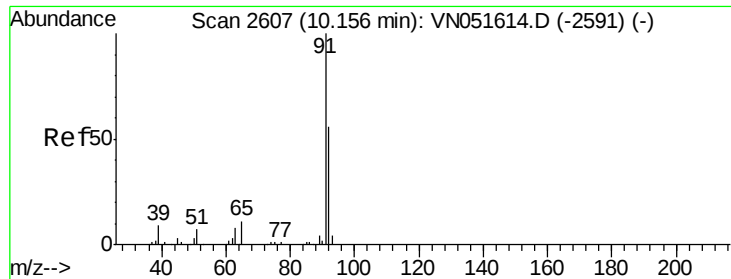
Tot Ion: 43 Resp: 3683
Ion Ratio Lower Upper
43 100
58 25.7 31.0 46.4#
85 5.9 13.4 20.2#



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051639.D
Acq: 1 Oct 2018 15:42

Tgt Ion: 95 Resp: 144491
Ion Ratio Lower Upper
95 100
174 90.0 71.2 106.8
176 86.4 67.8 101.8





#62

Toluene

Concen: 60.193 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN051639.D

Acq: 1 Oct 2018 15:42

Instrument :

MSVOA_N

ClientSampleId :

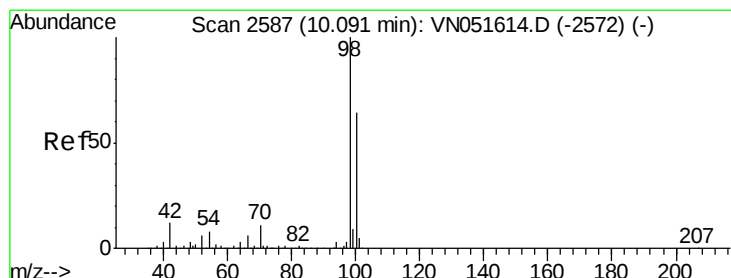
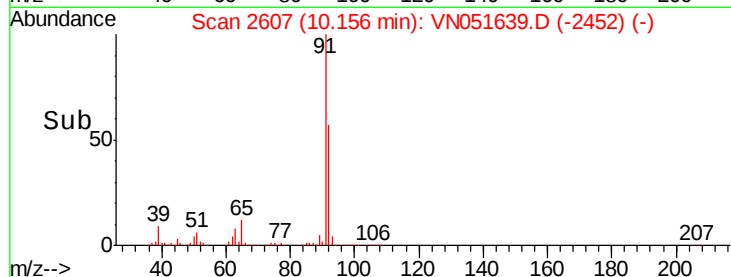
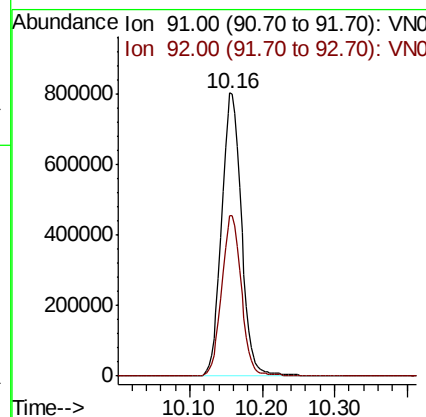
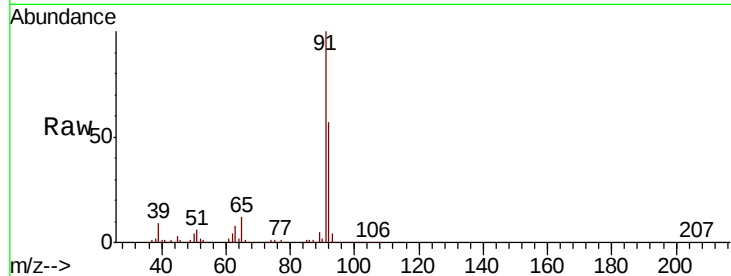
001-WILLETS-PT-BLVD(AUG)DL

Tot Ion: 91 Resp: 1528478

Ion Ratio Lower Upper

91 100

92 56.2 45.3 67.9



#63

Toluene-d8

Concen: 60.193 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051639.D

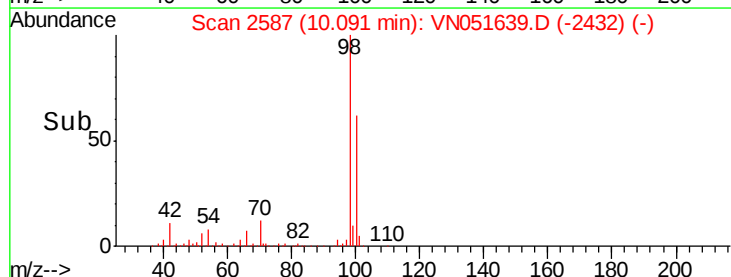
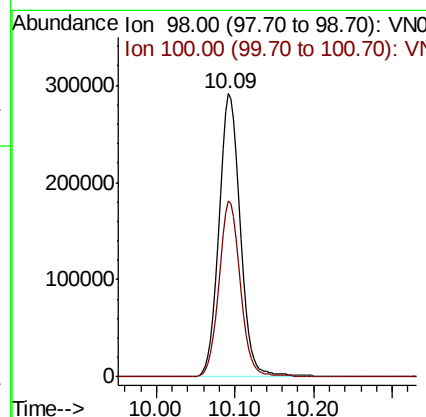
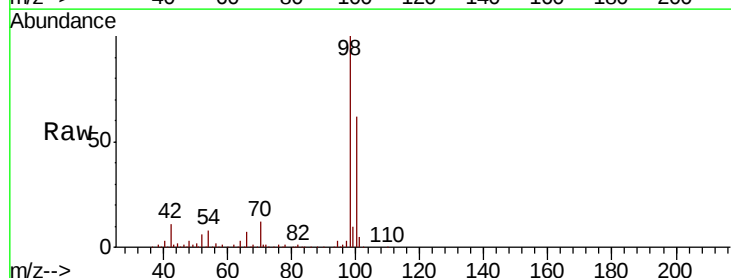
Acq: 1 Oct 2018 15:42

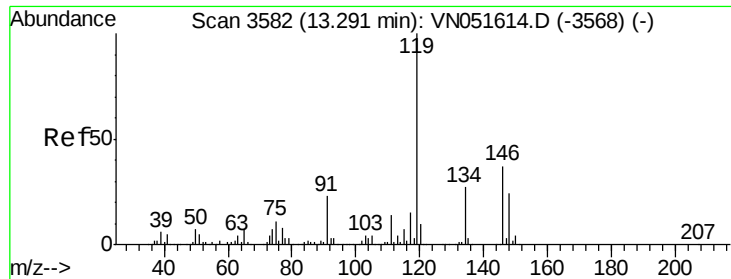
Tgt Ion: 98 Resp: 545704

Ion Ratio Lower Upper

98 100

100 62.0 51.4 77.0





#82
 p-Isopropyltoluene
 Concen: 1.104 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN051639.D
 Acq: 1 Oct 2018 15:42

Instrument :
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Tot Ion:	119	Resp:	24067
Ion	Ratio	Lower	Upper
119	100		
134	26.8	0.0	52.0
91	26.5	0.0	46.0

