

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090618\
 Data File : VN051038.D
 Acq On : 6 Sep 2018 17:43
 Operator : MD\SY
 Sample : J4817-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 9/7/2018 11:23:27 AM

Quant Time: Sep 07 03:55:13 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	133496	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	667651	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	593408	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	257128	30.18	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.60%
60) 4-Bromofluorobenzene	12.40	95	237472	26.91	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.70%
63) Toluene-d8	10.09	98	811439	29.32	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.73%

Target Compounds

						Ovalue
15) Acetone	3.82	58	1550014	2147.85	ug/l	95
30) 2-Butanone	6.84	43	64976	21.13	ug/l #	78
58) 4-Methyl-2-Pentanone	9.99	43	16501	2.43	ug/l	97
62) Toluene	10.15	91	17401665m	525.64	ug/l	
82) p-Isopropyltoluene	13.29	119	306074	11.40	ug/l	99

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

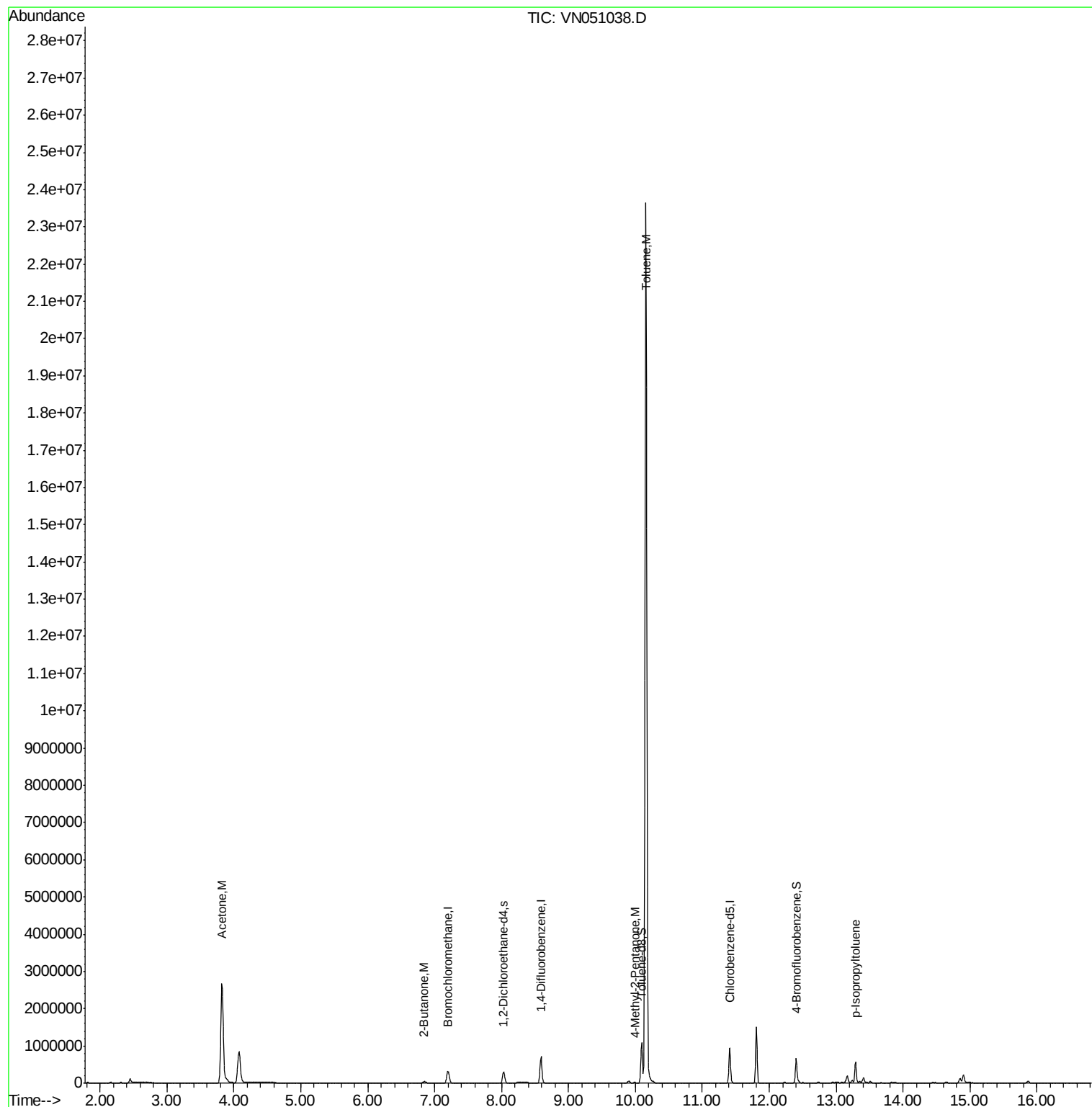
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090618\
Data File : VN051038.D
Acq On : 6 Sep 2018 17:43
Operator : MD\SY
Sample : J4817-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

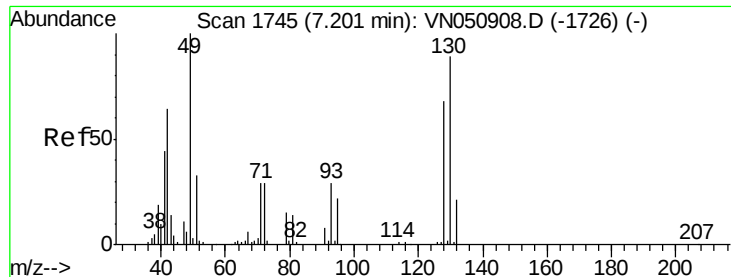
Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD

Manual Integrations
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9/7/2018 11:23:27 AM

Quant Time: Sep 07 03:55:13 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





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051038.D

Acq: 6 Sep 2018 17:43

Instrument :

MSVOA_N

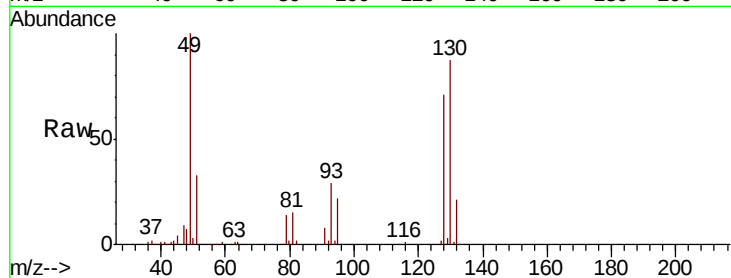
ClientSampleId :

001M-WILLETS-PT-BLVD

Tot Ion:	128	Resp:	133496
Ion	Ratio	Lower	Upper
128	100		
49	147.1	0.0	380.3
130	127.5	0.0	325.3

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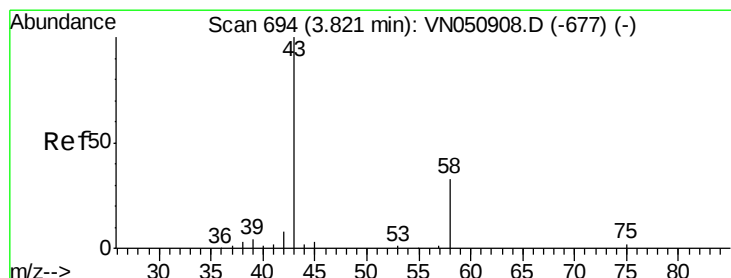
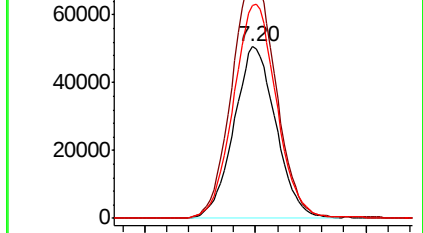
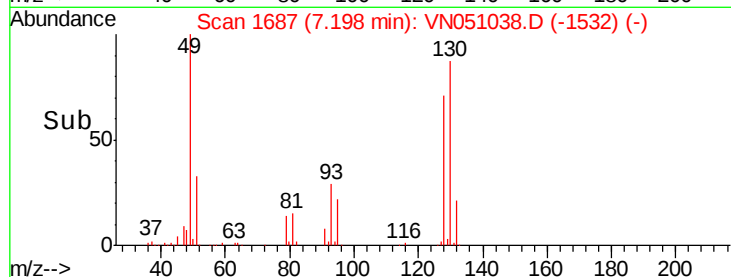


Abundance Ion 128.00 (127.70 to 128.70): VN051038.D (-1532) (-)

Ion 49.00 (48.70 to 49.70): VN051038.D (-1532) (-)

Ion 130.00 (129.70 to 130.70): VN051038.D (-1532) (-)

Time-->



#15

Acetone

Concen: 2147.85 ug/l

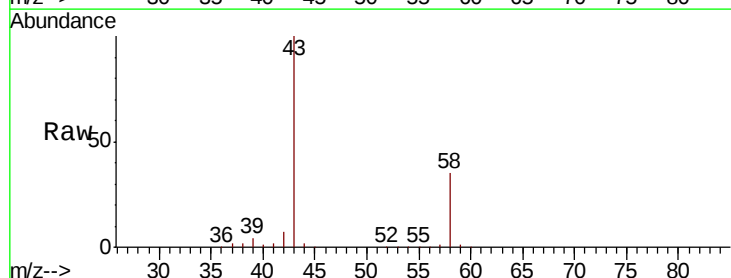
RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051038.D

Acq: 6 Sep 2018 17:43

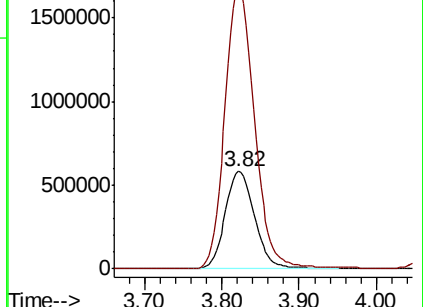
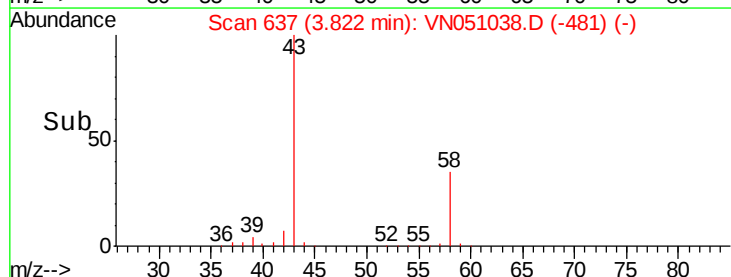
Tgt Ion:	58	Resp:	1550014
Ion	Ratio	Lower	Upper
58	100		
43	289.6	239.4	359.0

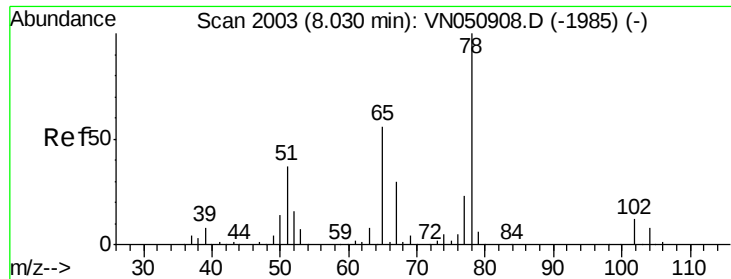


Abundance Ion 58.00 (57.70 to 58.70): VN051038.D (-481) (-)

Ion 43.00 (42.70 to 43.70): VN051038.D (-481) (-)

Time-->





#27

1,2-Dichloroethane-d4

Concen: 30.18 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051038.D

Acq: 6 Sep 2018 17:43

Instrument :

MSVOA_N

ClientSampleId :

001M-WILLETS-PT-BLVD

Tot Ion: 65 Resp: 257128

Ion Ratio Lower Upper

65 100

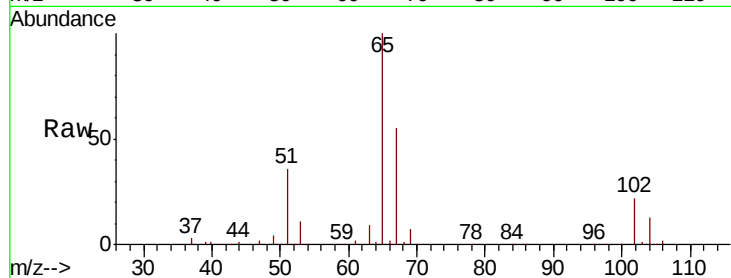
67 54.8 43.7 65.5

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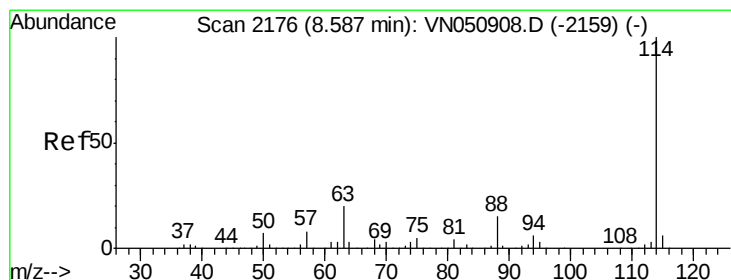
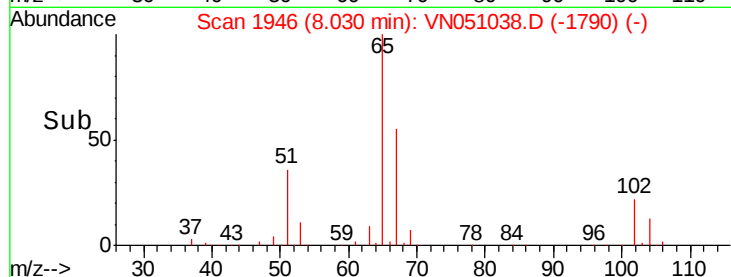
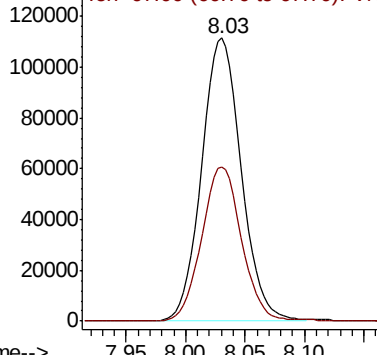
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Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051038.D

Acq: 6 Sep 2018 17:43

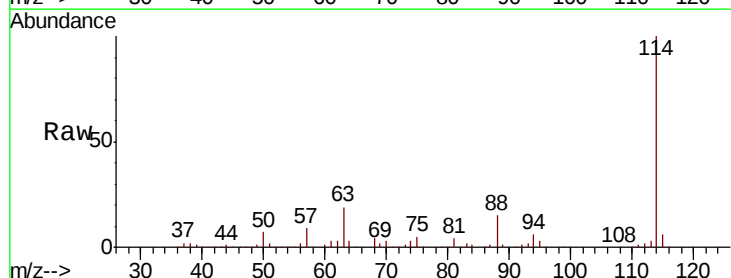
Tgt Ion: 114 Resp: 667651

Ion Ratio Lower Upper

114 100

63 19.5 15.6 23.4

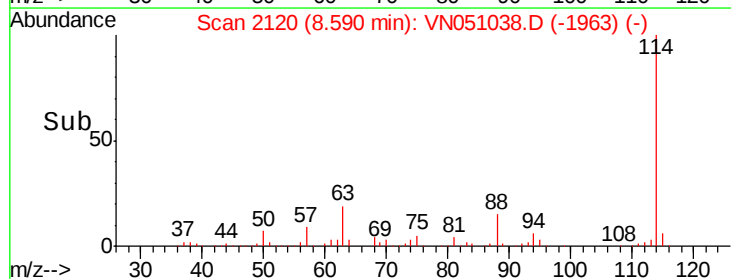
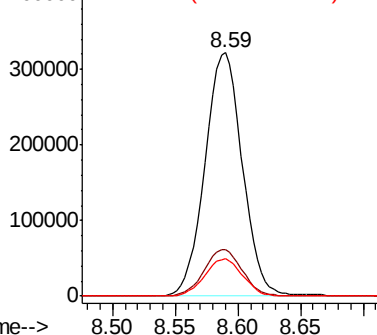
88 15.5 12.2 18.4

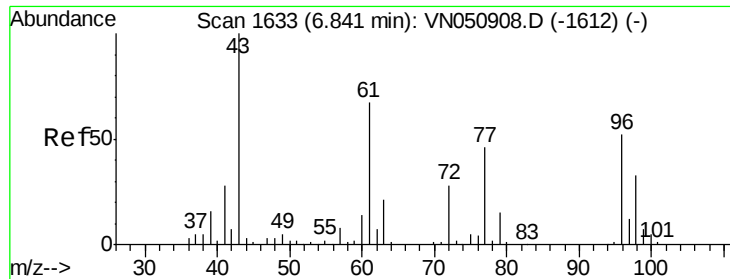


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0





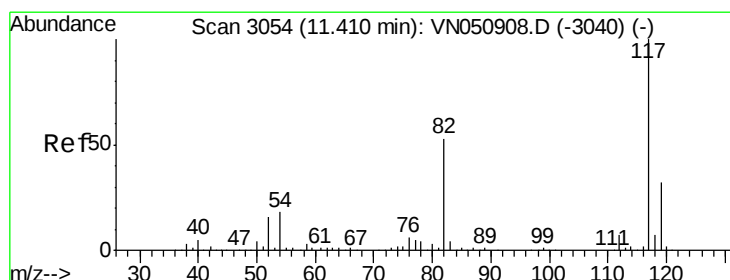
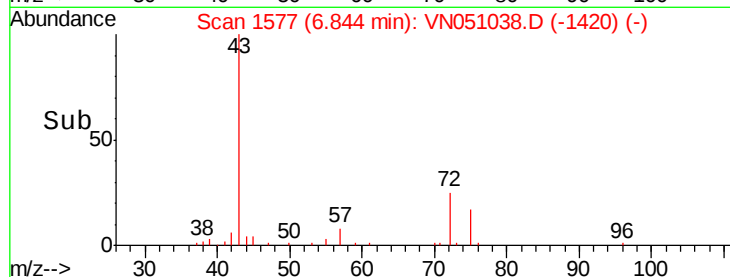
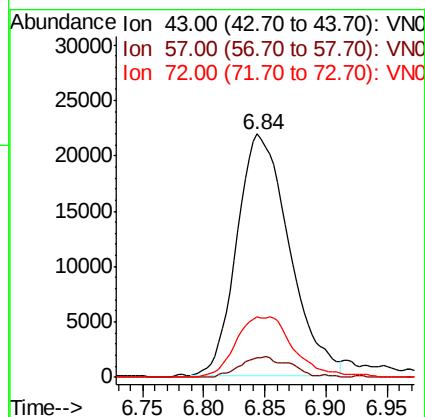
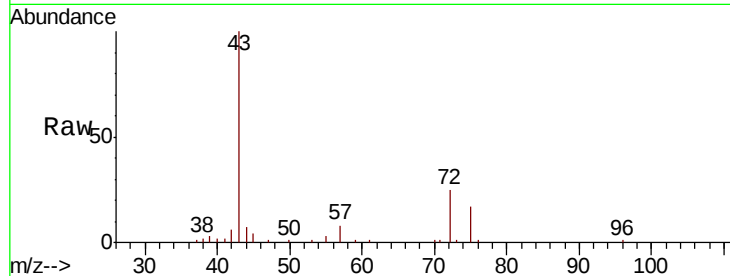
#30
2-Butanone
Concen: 21.13 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VN051038.D
Acq: 6 Sep 2018 17:43

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

Tot Ion	Ratio	Lower	Upper
43	100		
57	5.9	6.9	10.3#
72	14.4	22.8	34.2#

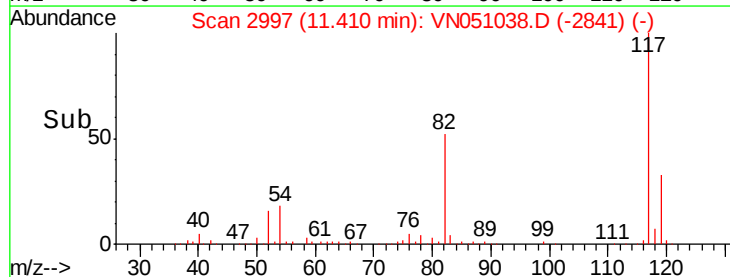
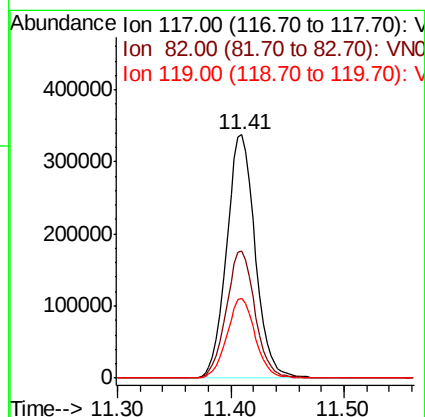
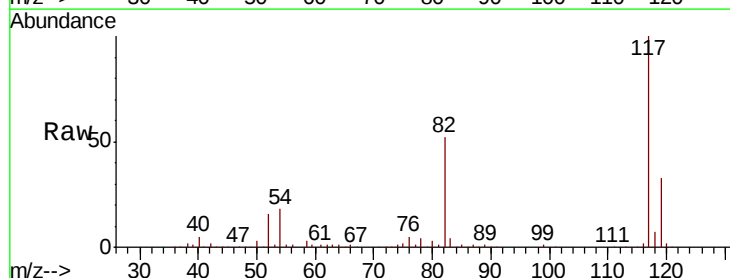
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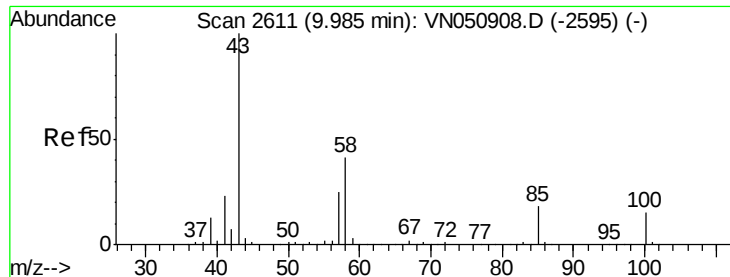
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#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051038.D
Acq: 6 Sep 2018 17:43

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	64.0
119	32.5	25.7	38.5





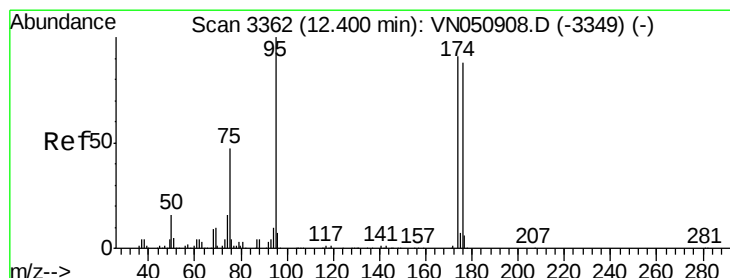
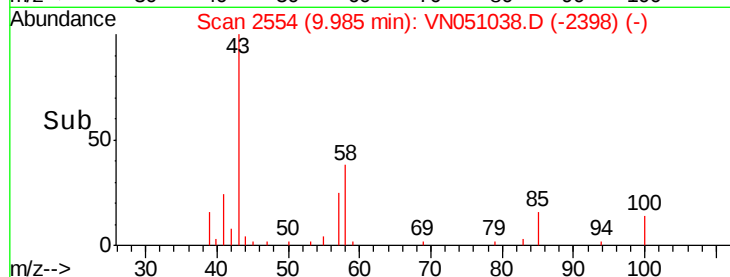
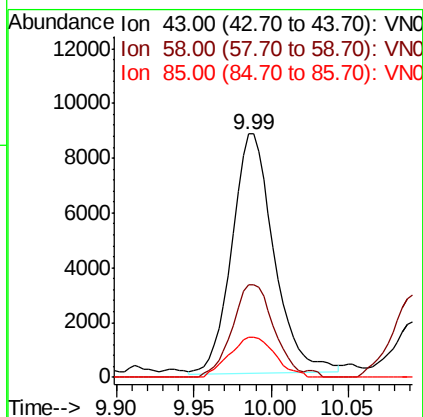
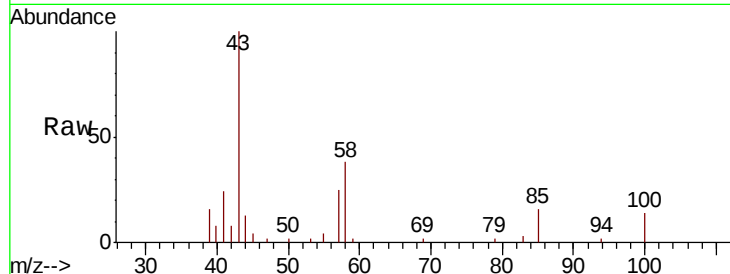
#58
4-Methyl-2-Pentanone
Concen: 2.43 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN051038.D
Acq: 6 Sep 2018 17:43

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

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.2	32.3	48.5
85	18.2	14.9	22.3

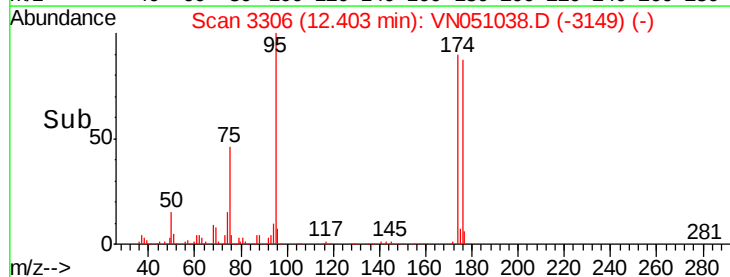
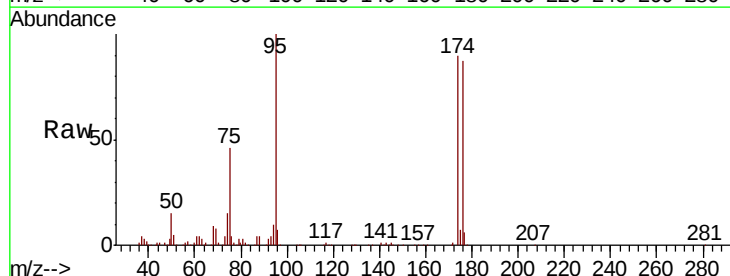
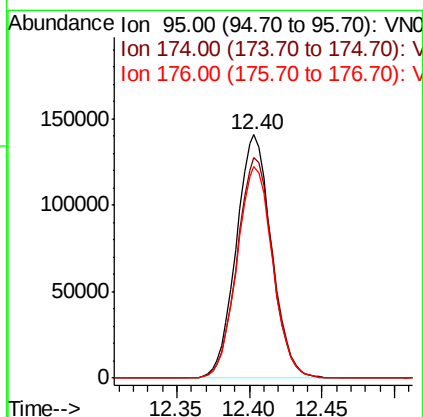
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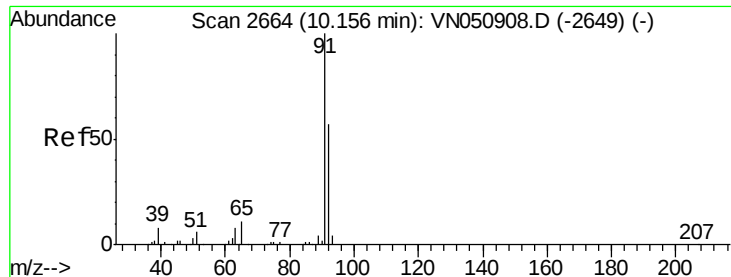
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#60
4-Bromofluorobenzene
Concen: 26.91 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051038.D
Acq: 6 Sep 2018 17:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.3	74.6	112.0
176	88.5	71.5	107.3





#62

Toluene

Concen: 525.64 ug/l m

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN051038.D

Acq: 6 Sep 2018 17:43

Instrument :

MSVOA_N

ClientSampleId :

001M-WILLETS-PT-BLVD

Tot Ion: 91 Resp:17401665

Ion Ratio Lower Upper

91 100

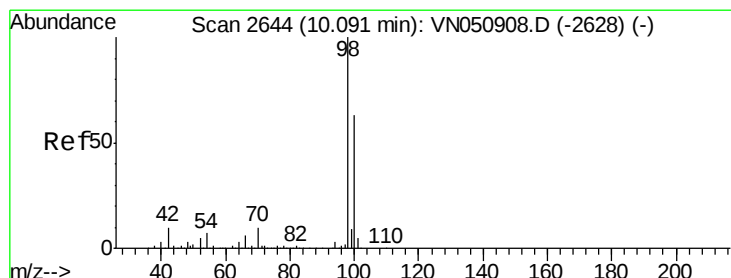
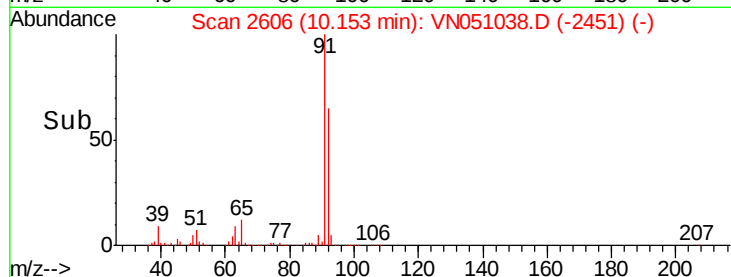
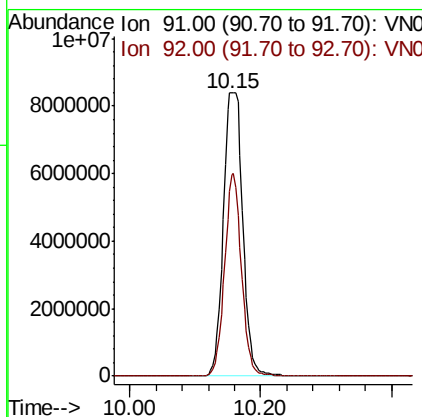
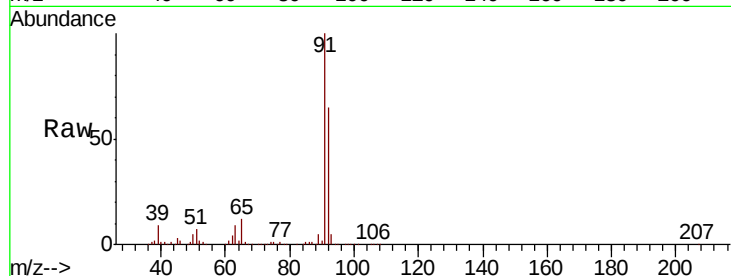
92 0.0 45.8 68.8#

Manual Integrations

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#63

Toluene-d8

Concen: 29.32 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051038.D

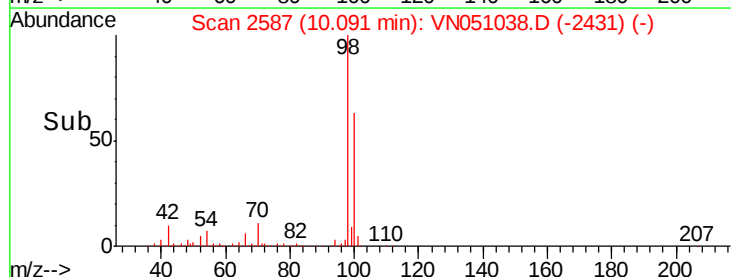
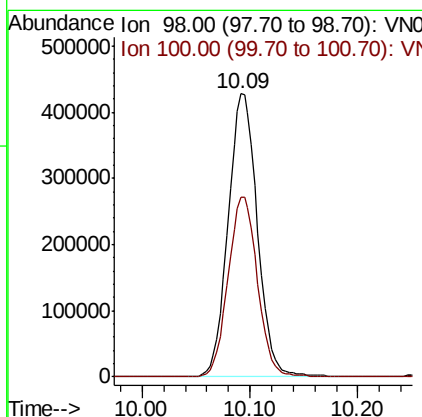
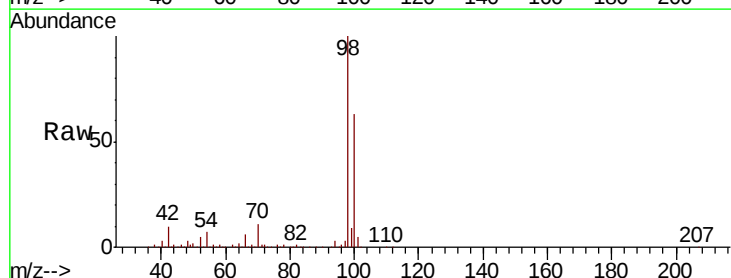
Acq: 6 Sep 2018 17:43

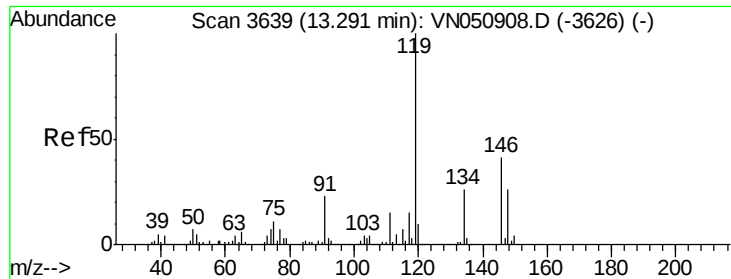
Tgt Ion: 98 Resp: 811439

Ion Ratio Lower Upper

98 100

100 63.6 50.6 75.8





#82
 p-Isopropyltoluene
 Concen: 11.40 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051038.D
 Acq: 6 Sep 2018 17:43

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

Tot Ion:	119	Resp:	306074
Ion Ratio	Lower	Upper	
119	100		
134	27.1	0.0	53.2
91	23.6	0.0	46.0

Manual Integrations
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