

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100118\
 Data File : VN051637.D
 Acq On : 1 Oct 2018 14:53
 Operator : MD\SY
 Sample : J5167-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

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

Manual Integrations
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Quant Time: Oct 02 01:45:43 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	96409	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	484478	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	429533	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	206100	30.70	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery =	102.33%		
60) 4-Bromofluorobenzene	12.40	95	162934	24.67	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery =	82.23%		
63) Toluene-d8	10.09	98	557851	27.53	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery =	91.77%		
Target Compounds						
15) Acetone	3.82	58	948912	1758.975	ug/l	Ovalue 95
30) 2-Butanone	6.85	43	39629m	17.625	ug/l	
58) 4-Methyl-2-Pentanone	9.99	43	15126	3.102	ug/l	96
62) Toluene	10.16	91	8110886	307.957	ug/l	100
66) Ethyl Benzene	11.51	91	9551	0.354	ug/l	97
82) p-Isopropyltoluene	13.29	119	171694	7.594	ug/l	97

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

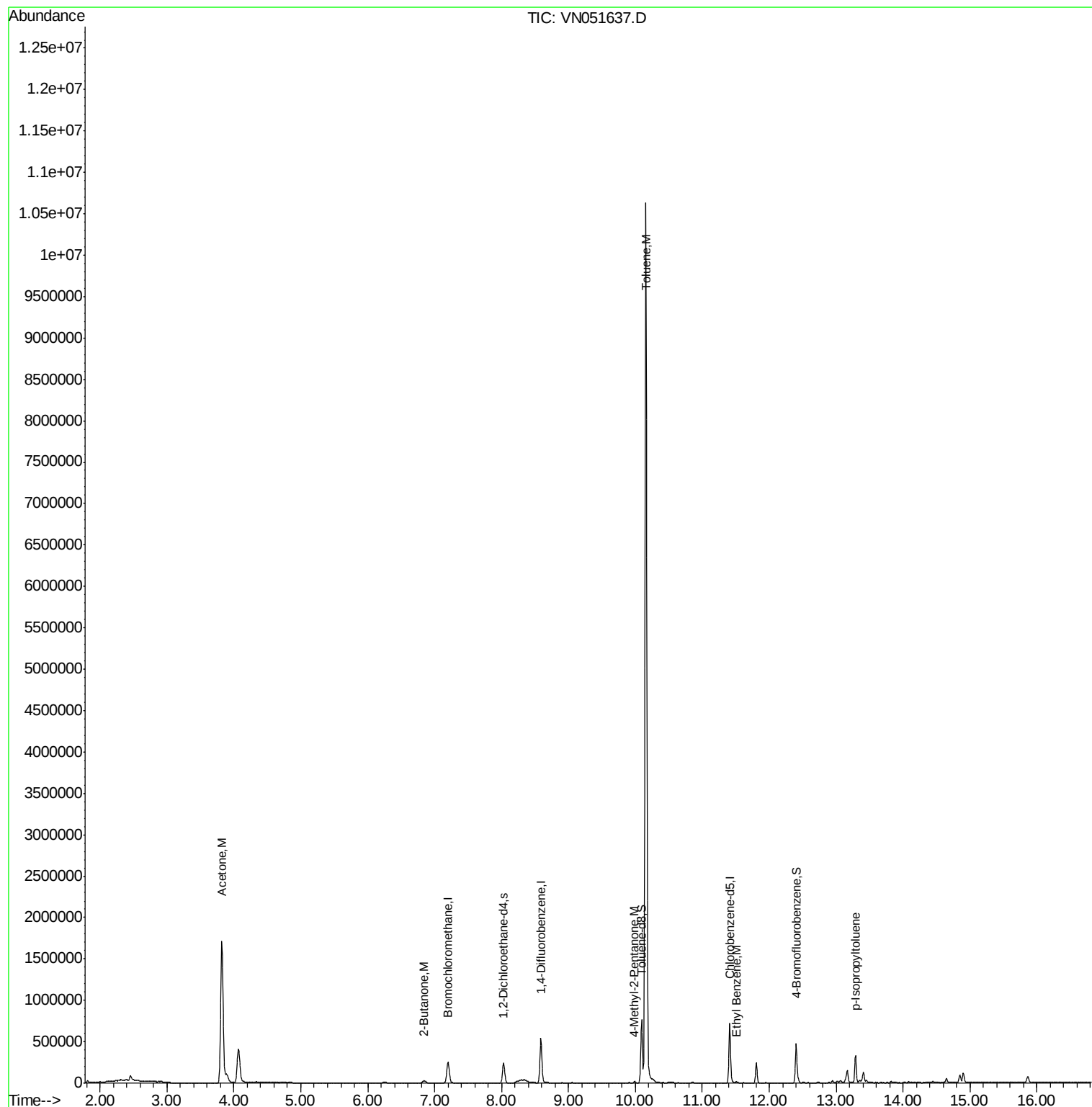
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100118\
Data File : VN051637.D
Acq On : 1 Oct 2018 14:53
Operator : MD\SY
Sample : J5167-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 28

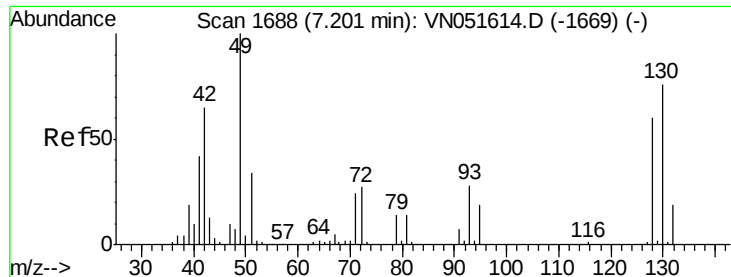
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(SEP)

Manual Integrations
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Quant Time: Oct 02 01:45:43 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
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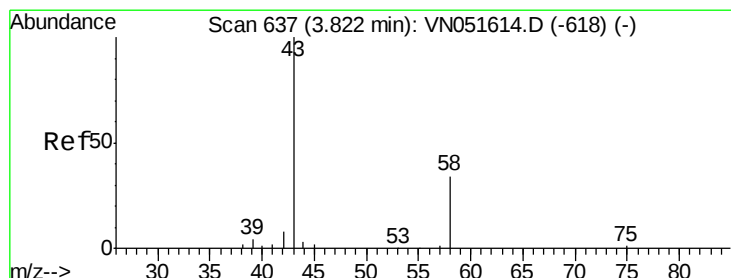
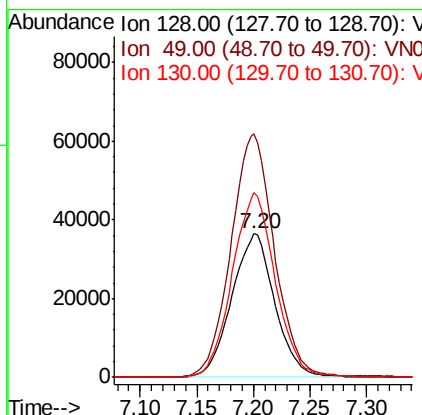
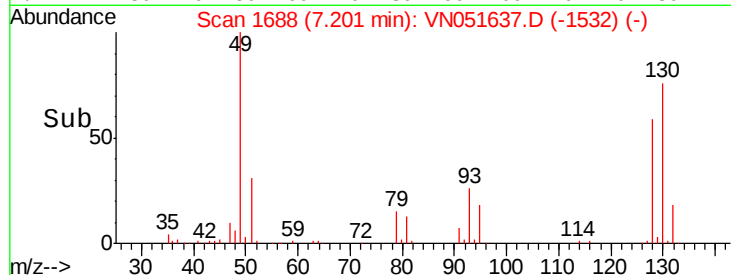
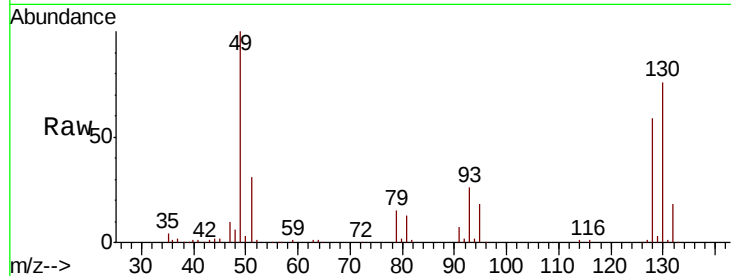
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: VN051637.D
 Acq: 1 Oct 2018 14:53

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

Tot Ion	Ratio	Lower	Upper
128	100		
49	170.9	0.0	426.8
130	128.9	0.0	326.3

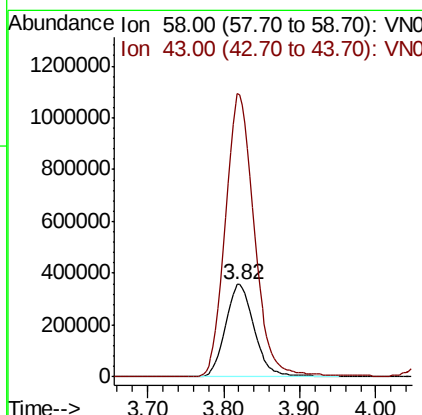
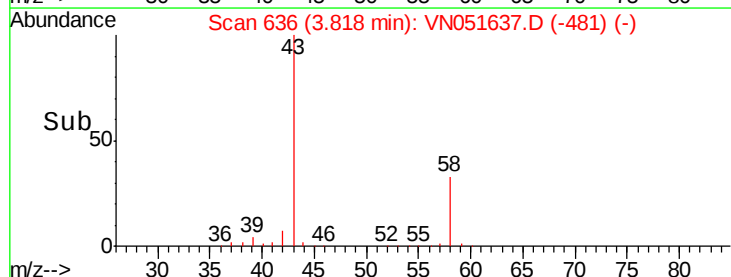
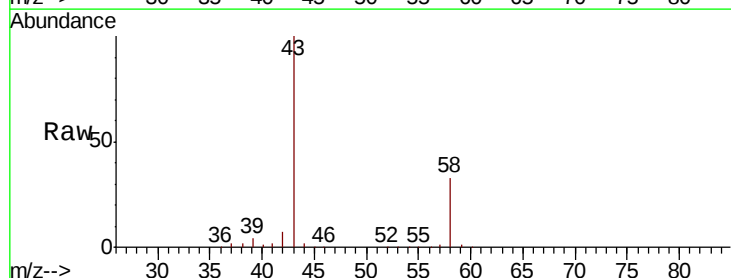
Manual Integrations
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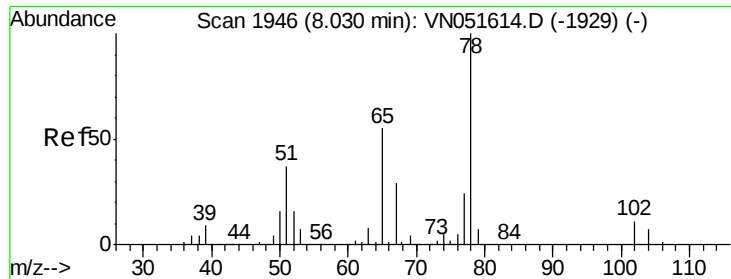
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#15
 Acetone
 Concen: 1758.975 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: VN051637.D
 Acq: 1 Oct 2018 14:53

Tgt Ion	Ratio	Lower	Upper
58	100		
43	307.4	238.0	357.0





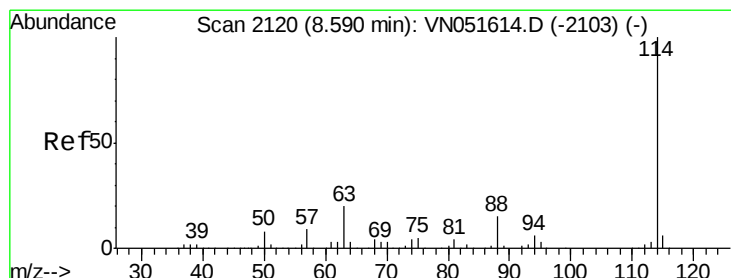
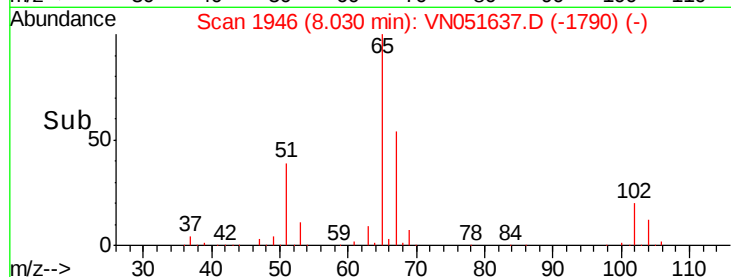
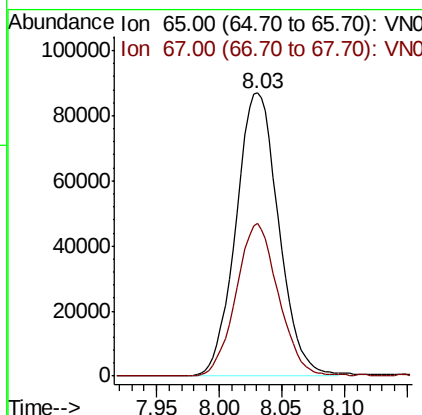
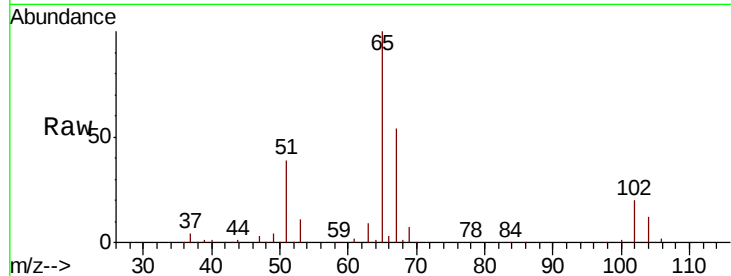
#27
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051637.D
 Acq: 1 Oct 2018 14:53

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

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.3	43.1	64.7

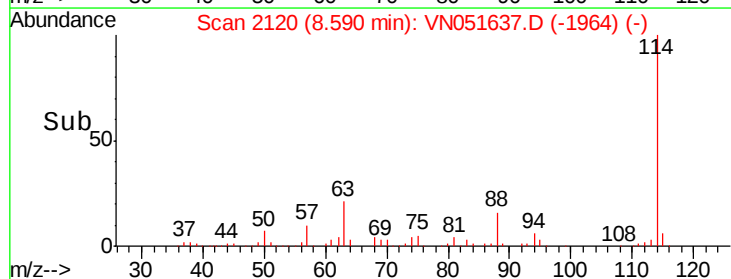
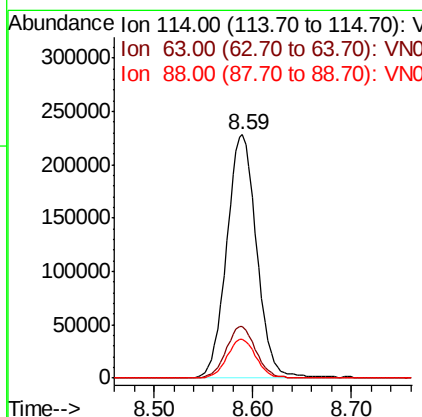
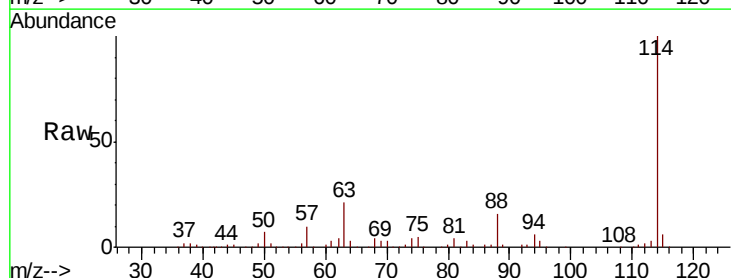
Manual Integrations
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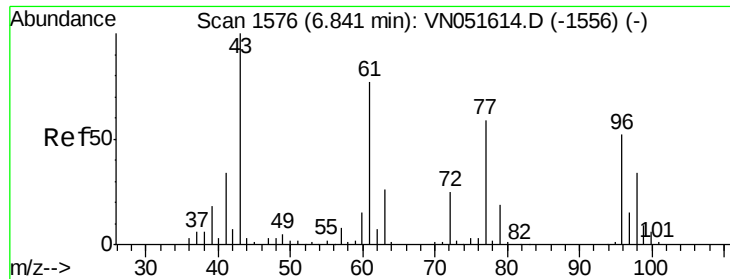
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051637.D
 Acq: 1 Oct 2018 14:53

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.4	24.6
88	15.7	12.6	18.8





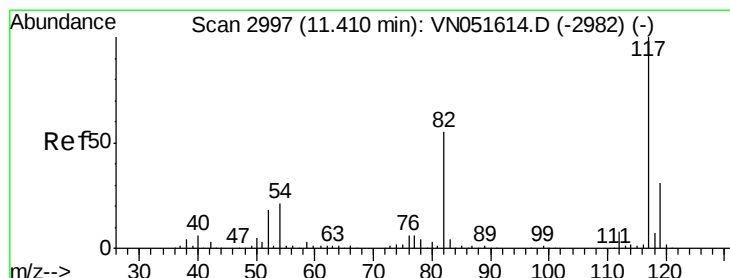
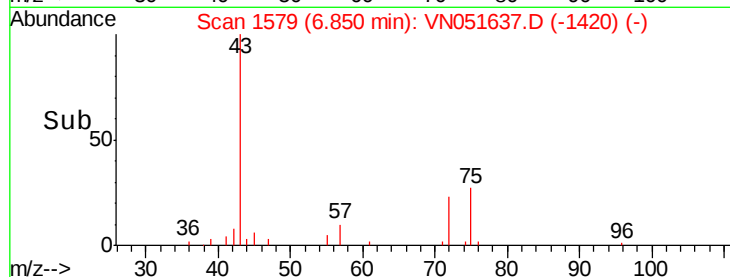
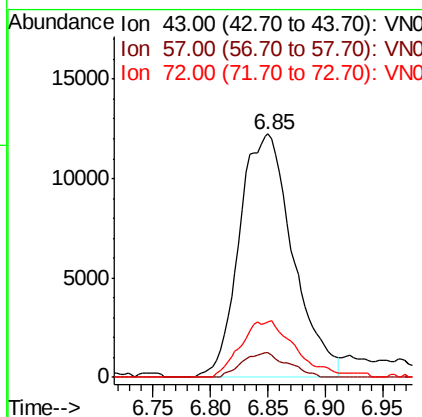
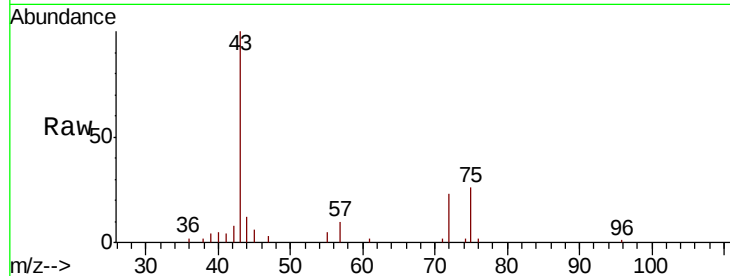
#30
2-Butanone
Concen: 17.625 ug/l m
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051637.D
Acq: 1 Oct 2018 14:53

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

Tot Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.6	10.0
72	9.6	20.8	31.2#

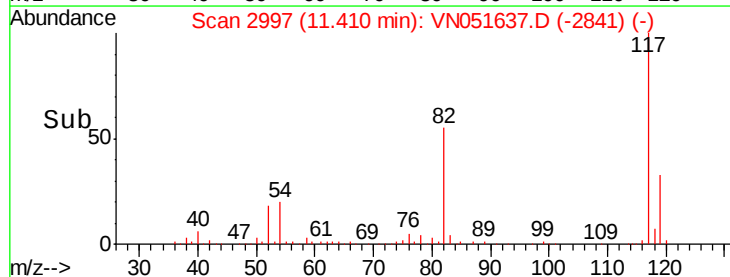
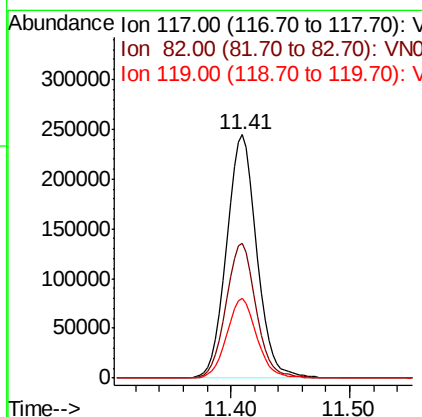
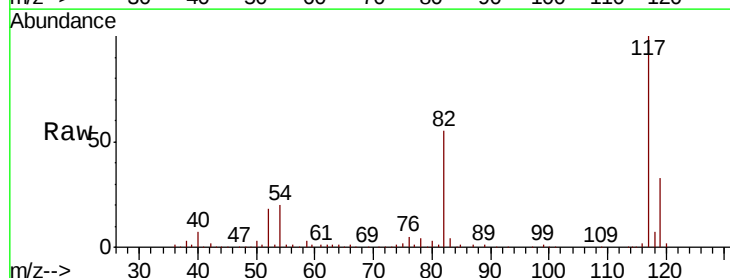
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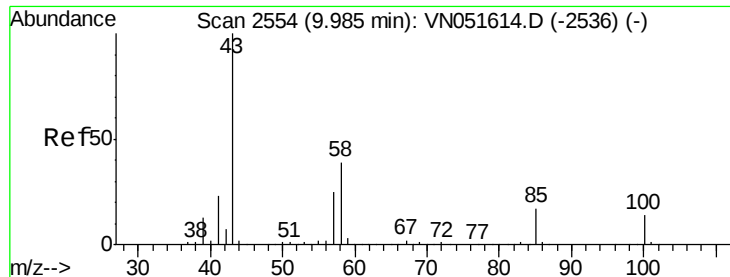
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#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051637.D
Acq: 1 Oct 2018 14:53

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.2	66.2
119	32.8	25.2	37.8





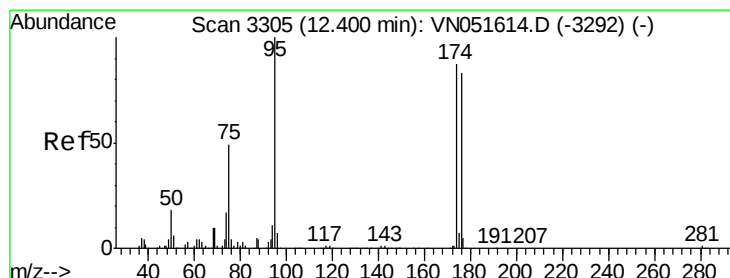
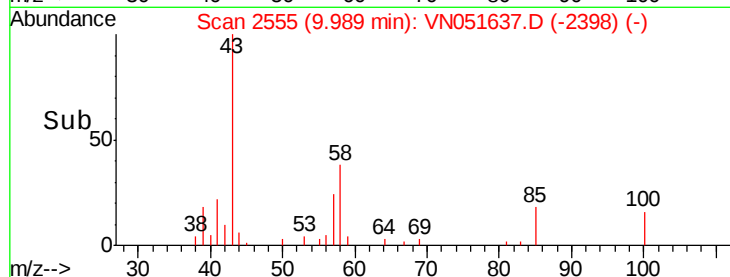
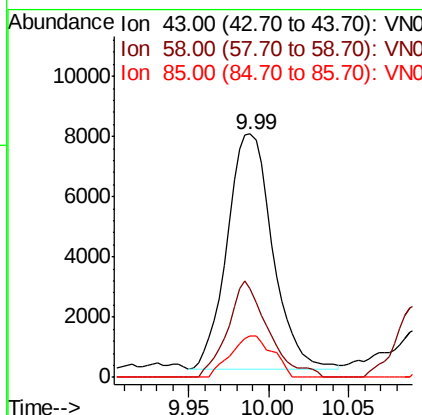
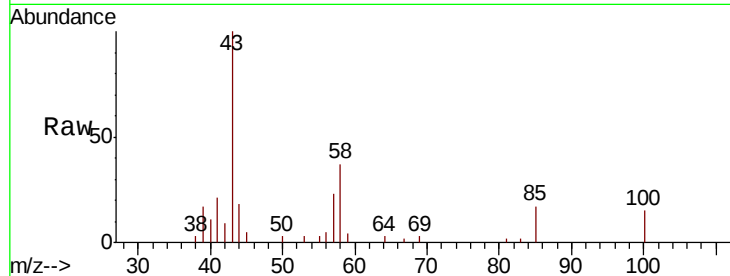
#58
4-Methyl-2-Pentanone
Concen: 3.102 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN051637.D
Acq: 1 Oct 2018 14:53

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

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.3	31.0	46.4
85	16.1	13.4	20.2

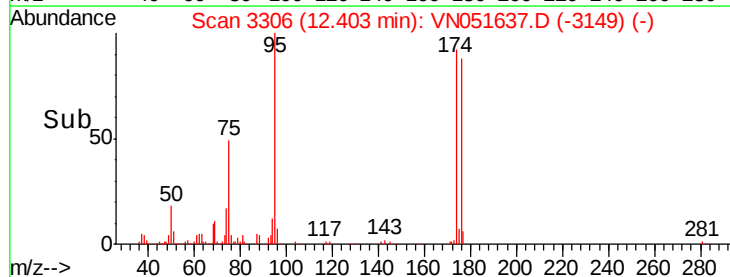
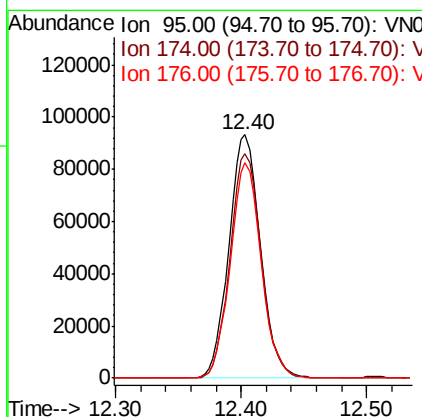
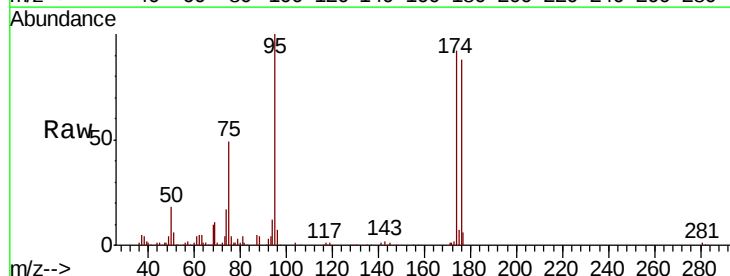
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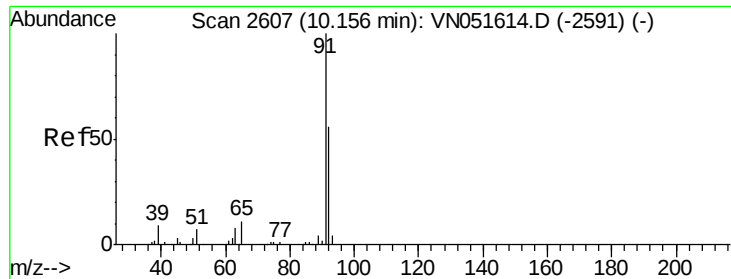
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#60
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051637.D
Acq: 1 Oct 2018 14:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.9	71.2	106.8
176	86.5	67.8	101.8





#62

Toluene

Concen: 307.957 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051637.D

Acq: 1 Oct 2018 14:53

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(SEP)

Tot Ion: 91 Resp: 8110886

Ion Ratio Lower Upper

91 100

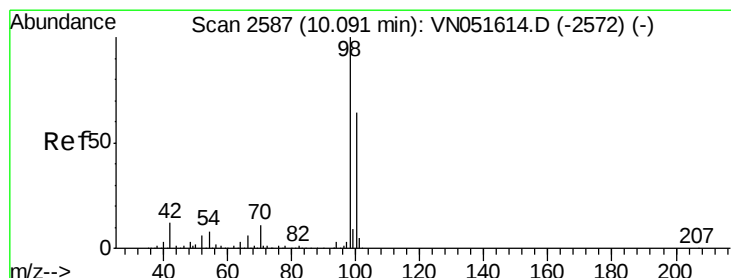
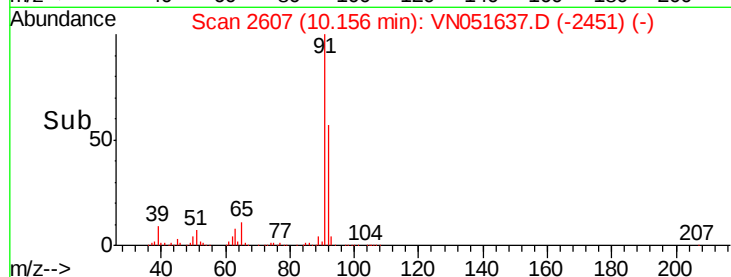
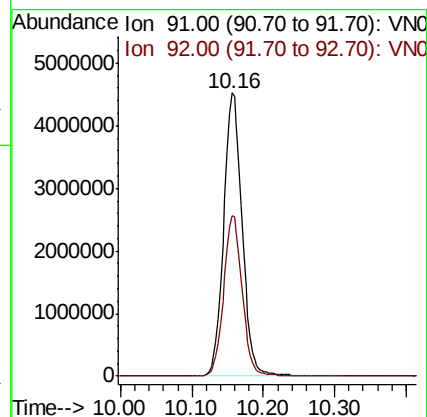
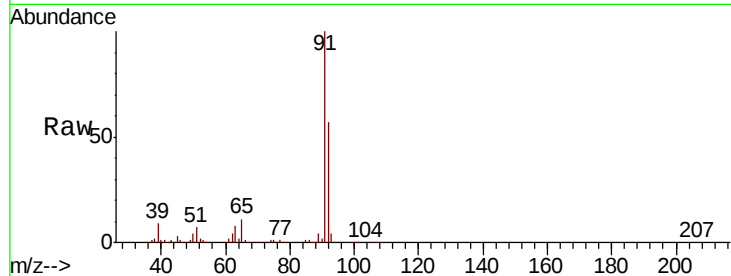
92 56.9 45.3 67.9

Manual Integrations

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#63

Toluene-d8

Concen: 307.957 ug/l

RT: 10.09 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN051637.D

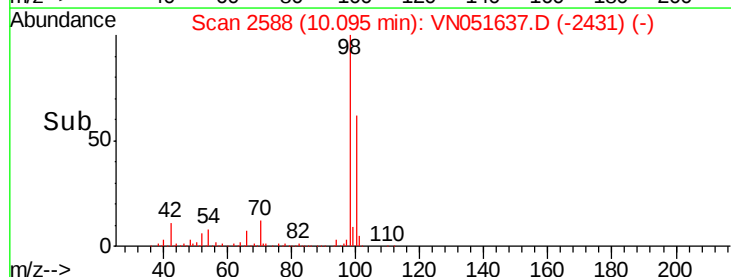
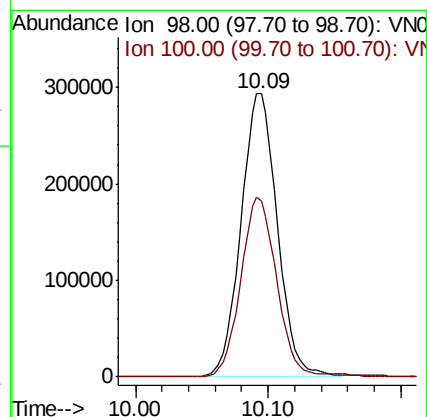
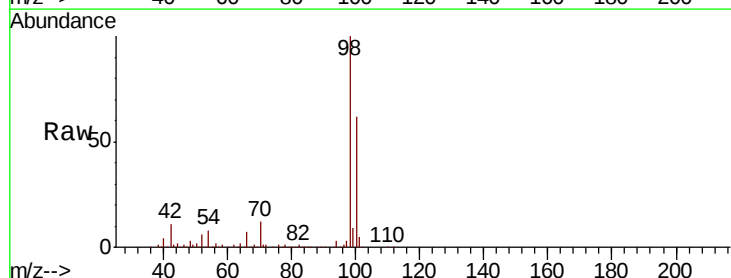
Acq: 1 Oct 2018 14:53

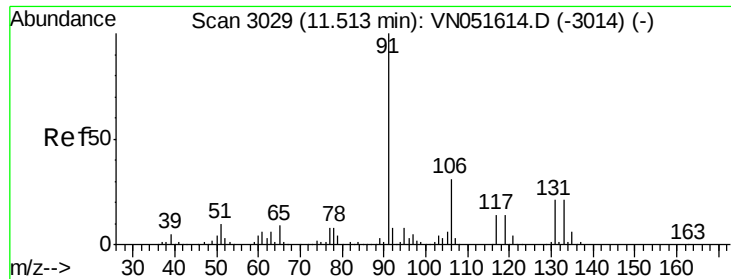
Tgt Ion: 98 Resp: 557851

Ion Ratio Lower Upper

98 100

100 63.0 51.4 77.0





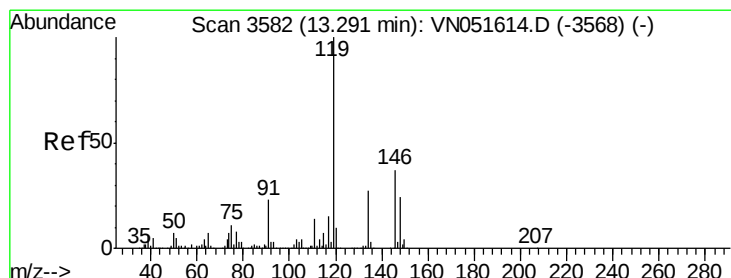
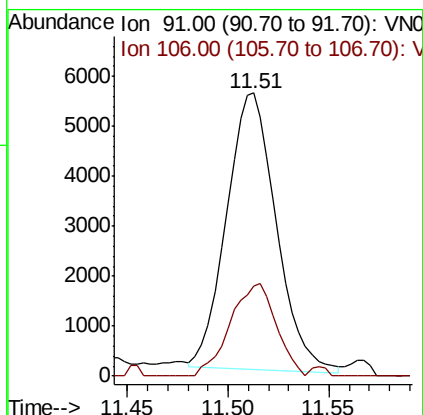
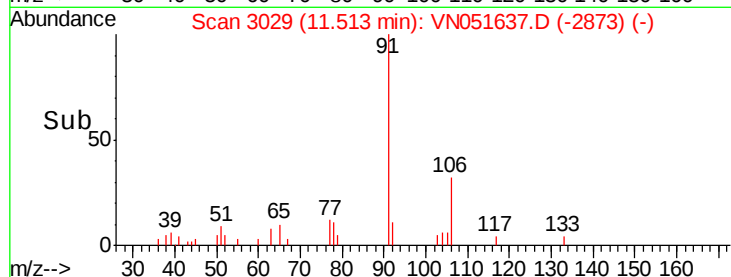
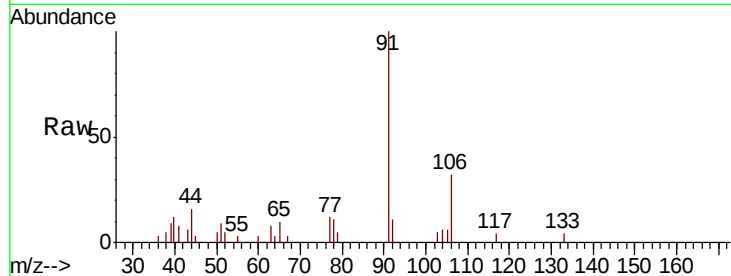
#66
Ethyl Benzene
Concen: 0.354 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051637.D
Acq: 1 Oct 2018 14:53

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

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.7	25.0	37.4

Manual Integrations
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#82
p-Isopropyltoluene
Concen: 7.594 ug/l
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN051637.D
Acq: 1 Oct 2018 14:53

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	0.0	52.0
91	24.6	0.0	46.0

