

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050731.D
 Acq On : 17 Aug 2018 15:37
 Operator : MD\SY
 Sample : J4548-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
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 8/20/2018 10:53:10 AM

Quant Time: Aug 18 00:31:23 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA N\methods\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	112827	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	615119	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	503348	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	231940	30.24	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	100.80%	
60) 4-Bromofluorobenzene	12.40	95	204106	26.39	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	87.97%	
63) Toluene-d8	10.09	98	692552	28.81	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	96.03%	

Target Compounds						Ovalue
15) Acetone	3.82	58	1518939	2485.63	ug/l	91
16) Carbon Disulfide	4.05	76	12126m	0.66	ug/l	
30) 2-Butanone	6.84	43	72048	24.05	ug/l	99
58) 4-Methyl-2-Pentanone	9.99	43	14929	2.55	ug/l	98
62) Toluene	10.16	91	2289466	79.72	ug/l	100
82) p-Isopropyltoluene	13.29	119	224501	9.64	ug/l	98

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

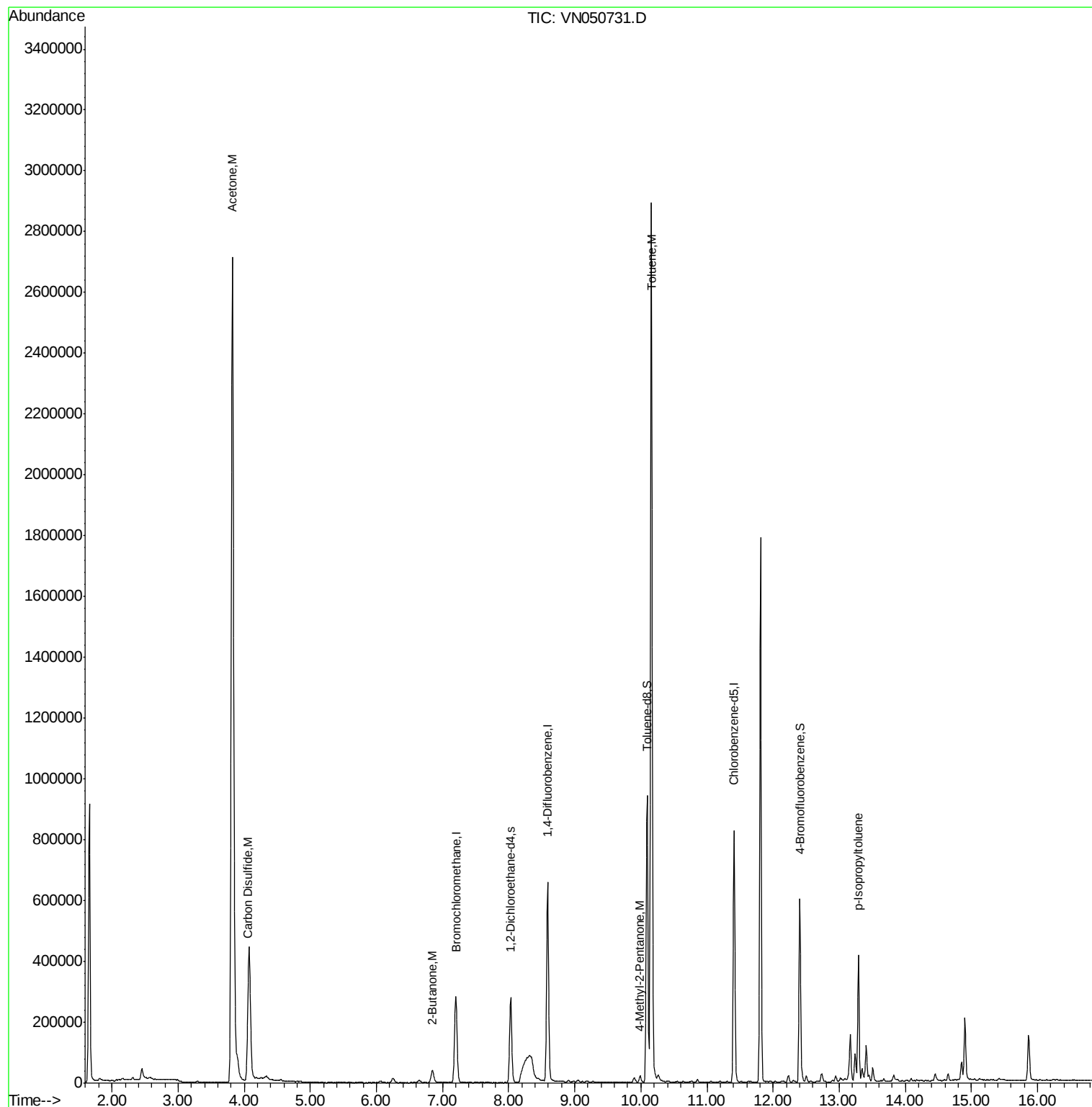
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
Data File : VN050731.D
Acq On : 17 Aug 2018 15:37
Operator : MD\SY
Sample : J4548-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 18 Sample Multiplier: 1

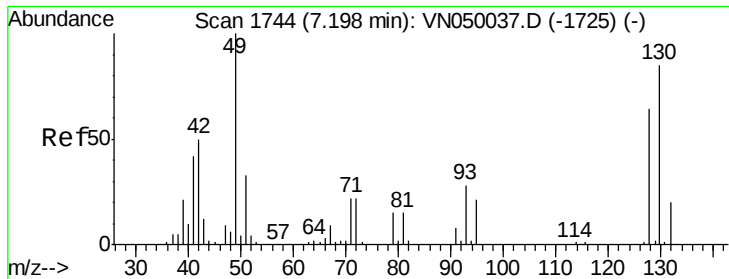
Instrument :
MSVOA_N
ClientSampleId :
001M-WILLETS-PT-BLVD(AUG)

Manual Integrations
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Quant Time: Aug 18 00:31:23 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA N\methods\624N072518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 26 15:21:50 2018
Response via : Initial Calibration





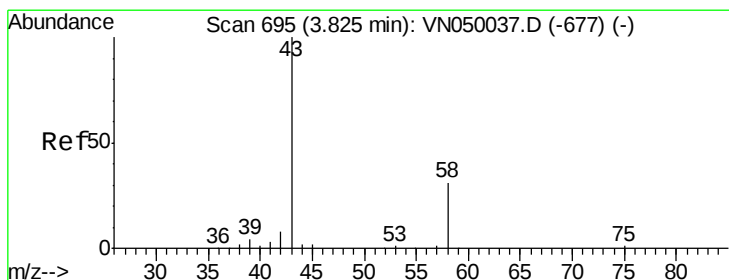
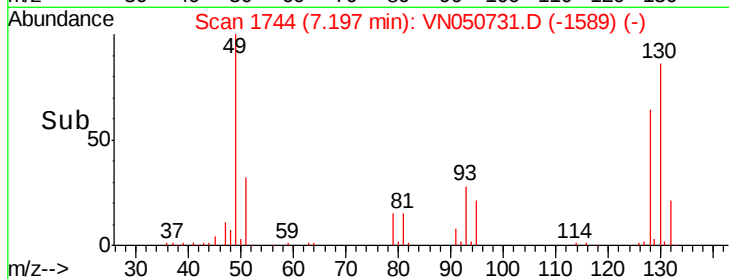
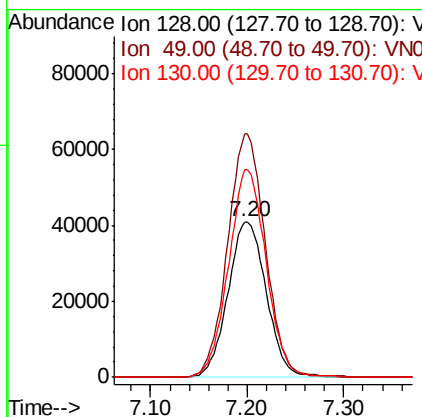
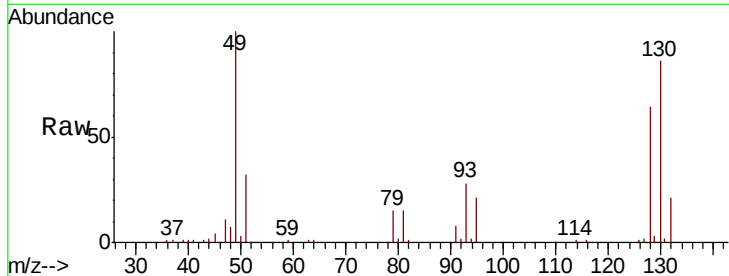
#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. -0.00 min
 Lab File: VN050731.D
 Acq: 17 Aug 2018 15:37

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

Tot Ion	Ratio	Lower	Upper
128	100		
49	153.0	0.0	378.3
130	131.5	0.0	320.7

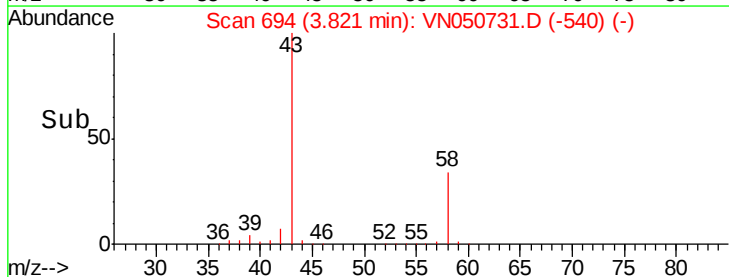
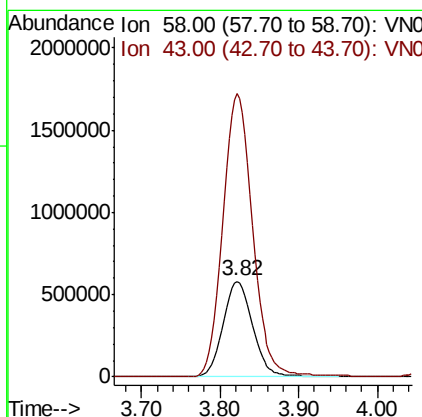
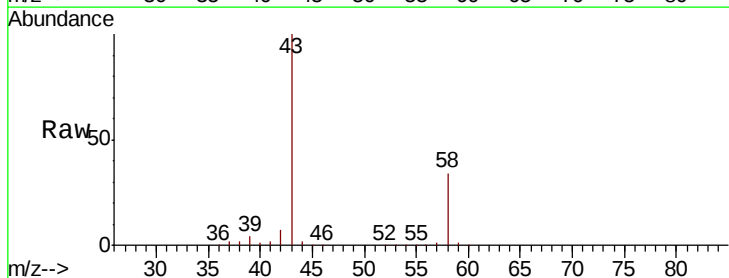
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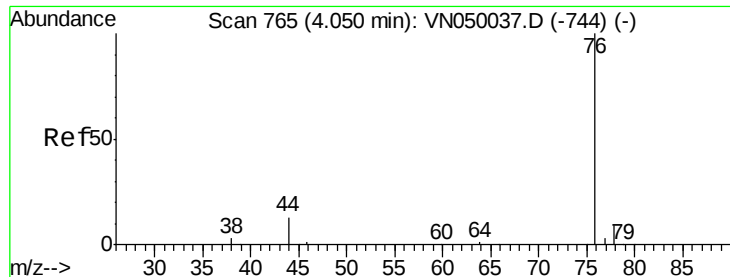
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#15
 Acetone
 Concen: 2485.63 ug/l
 RT: 3.82 min Scan# 694
 Delta R.T. -0.00 min
 Lab File: VN050731.D
 Acq: 17 Aug 2018 15:37

Tgt Ion	Ratio	Lower	Upper
58	100		
43	296.6	252.0	378.0





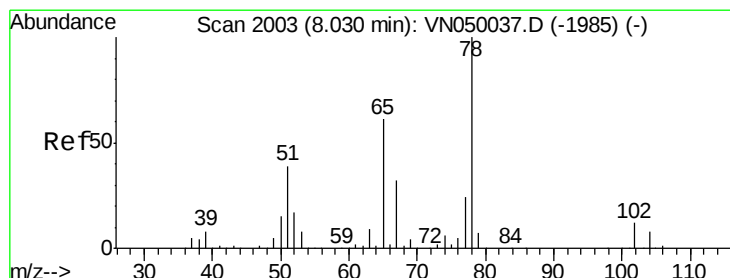
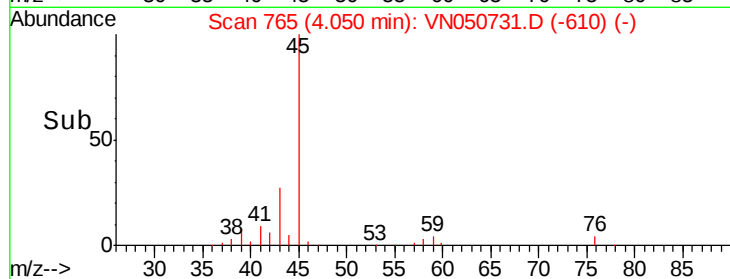
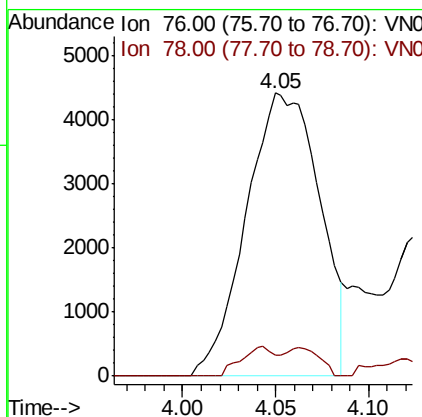
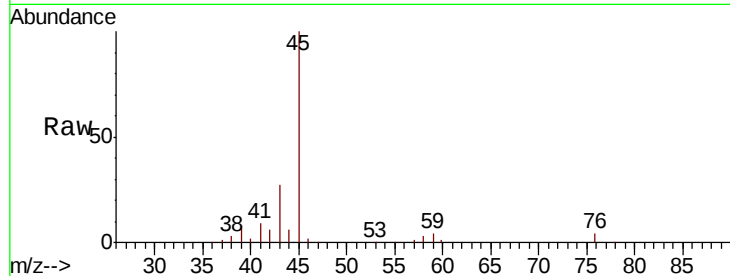
#16
Carbon Disulfide
Concen: 0.66 ug/l m
RT: 4.05 min Scan# 765
Delta R.T. -0.00 min
Lab File: VN050731.D
Acq: 17 Aug 2018 15:37

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

Tot Ion: 76 Resp: 12126
Ion Ratio Lower Upper
76 100
78 7.5 7.3 10.9

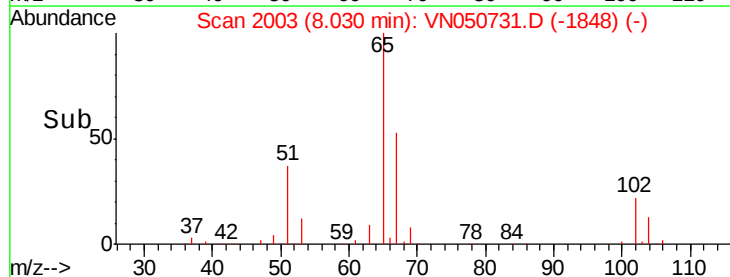
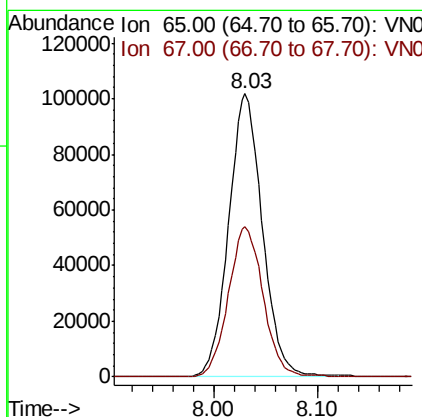
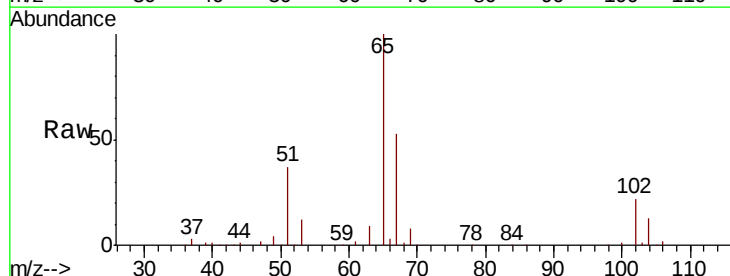
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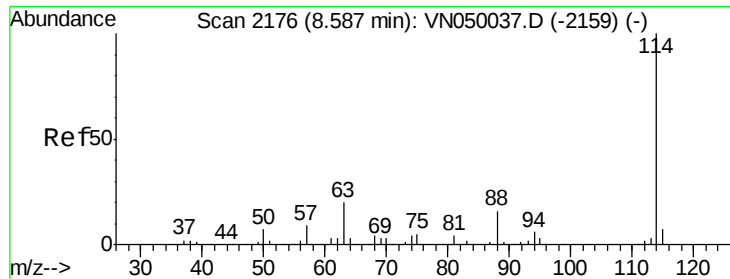
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#27
1,2-Dichloroethane-d4
Concen: 30.24 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. -0.00 min
Lab File: VN050731.D
Acq: 17 Aug 2018 15:37

Tgt Ion: 65 Resp: 231940
Ion Ratio Lower Upper
65 100
67 54.3 42.7 64.1





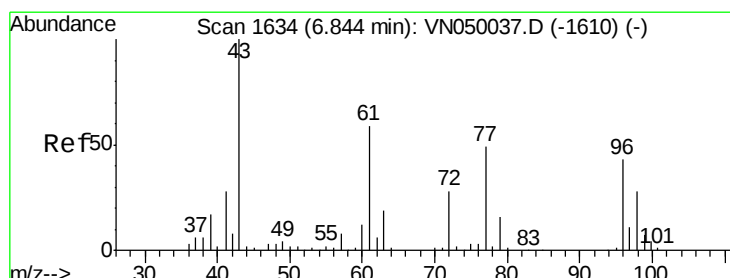
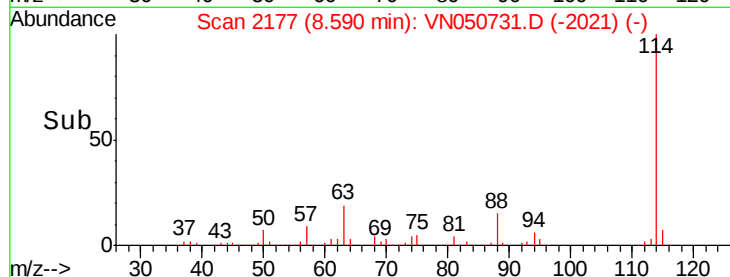
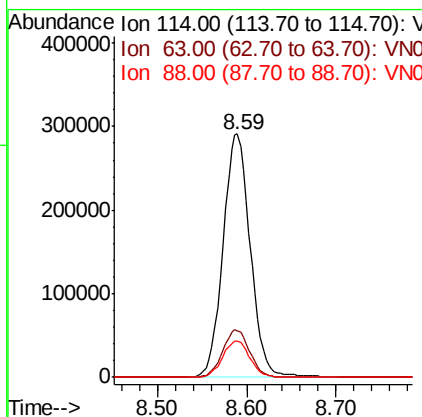
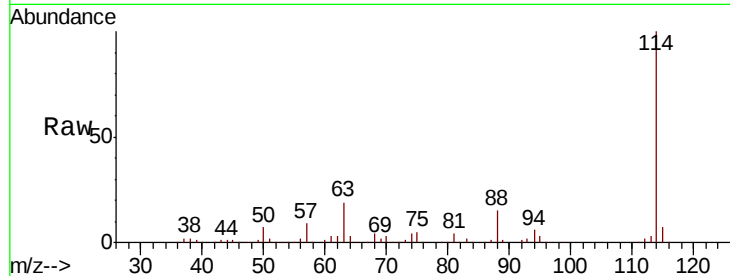
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050731.D
 Acq: 17 Aug 2018 15:37

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

Tot Ion	Ratio	Resp	Lower	Upper
114	100	615119		
63	19.4		16.2	24.2
88	15.1		12.3	18.5

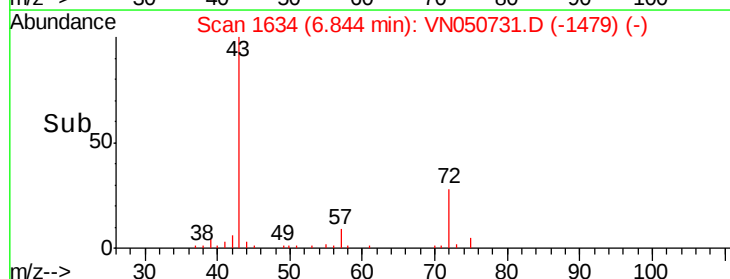
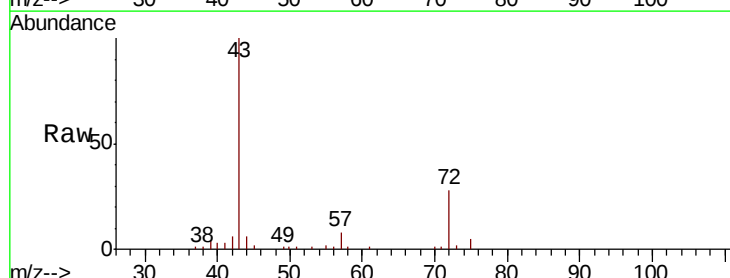
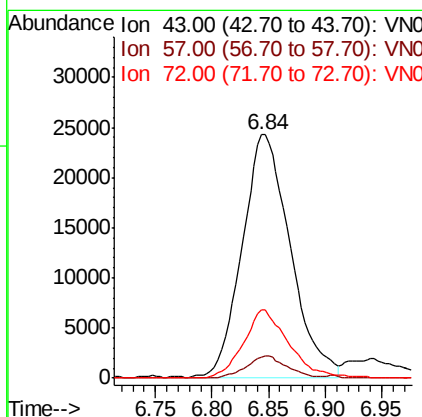
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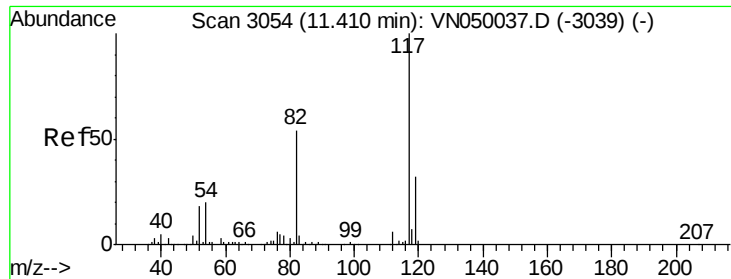
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#30
 2-Butanone
 Concen: 24.05 ug/l
 RT: 6.84 min Scan# 1634
 Delta R.T. -0.00 min
 Lab File: VN050731.D
 Acq: 17 Aug 2018 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	72048		
57	7.6		6.8	10.2
72	26.2		21.4	32.0





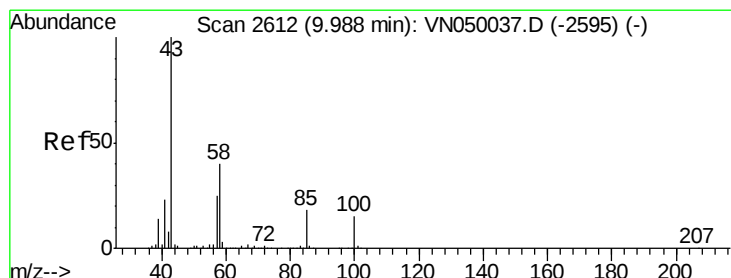
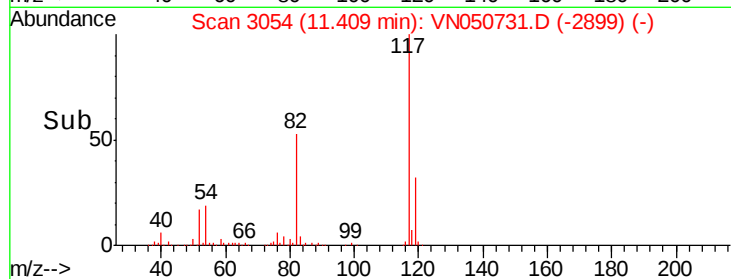
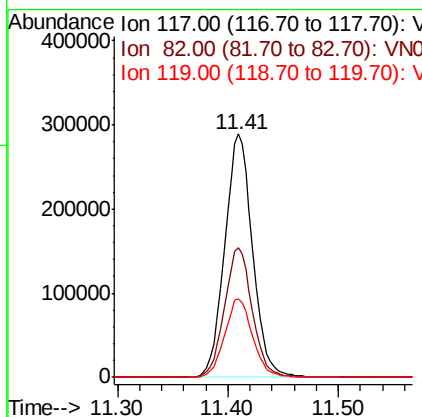
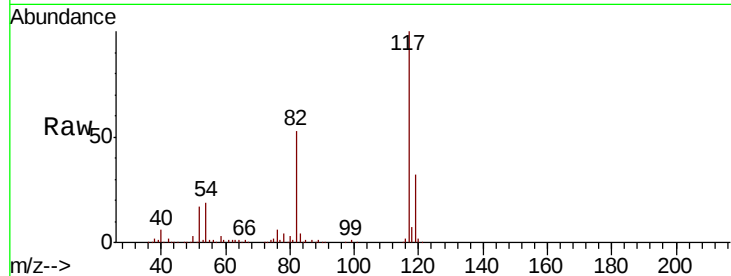
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050731.D
Acq: 17 Aug 2018 15:37

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	503348		
82	53.4		42.4	63.6
119	32.6		25.4	38.0

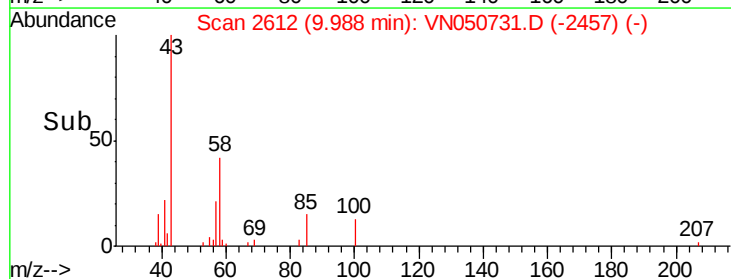
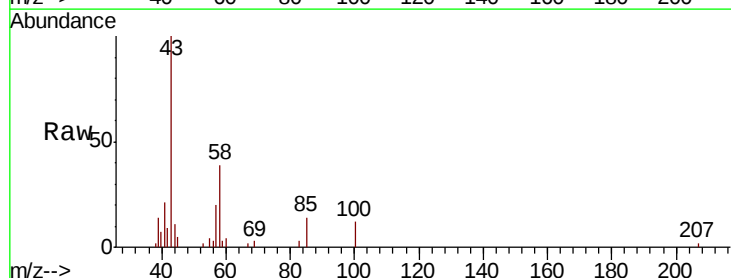
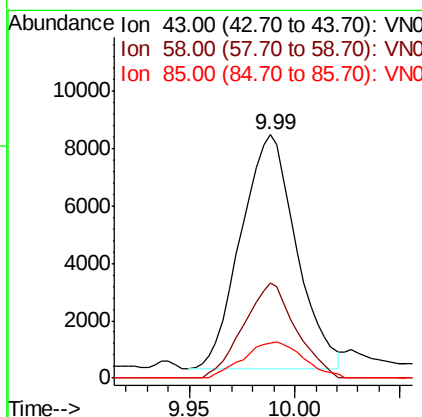
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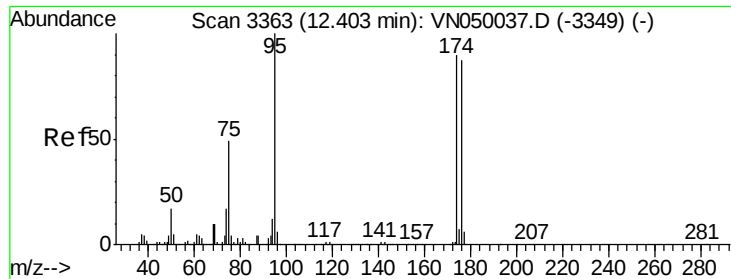
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#58
4-Methyl-2-Pentanone
Concen: 2.55 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. -0.00 min
Lab File: VN050731.D
Acq: 17 Aug 2018 15:37

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	14929		
58	38.3		31.2	46.8
85	16.6		14.4	21.6





#60

4-Bromofluorobenzene

Concen: 26.39 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050731.D

Acq: 17 Aug 2018 15:37

Instrument :

MSVOA_N

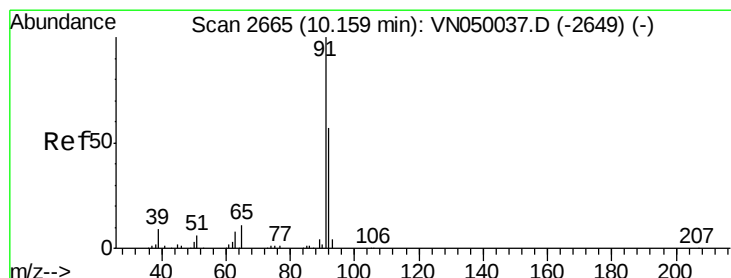
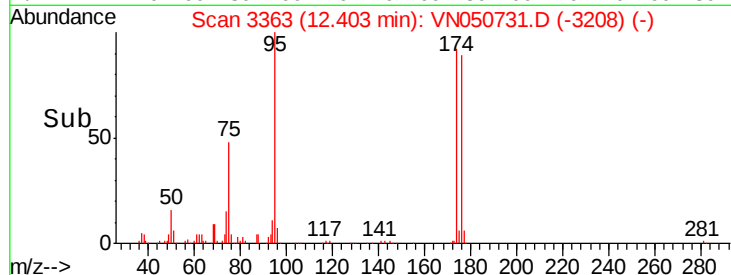
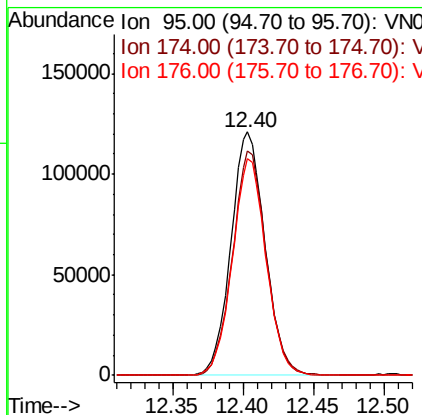
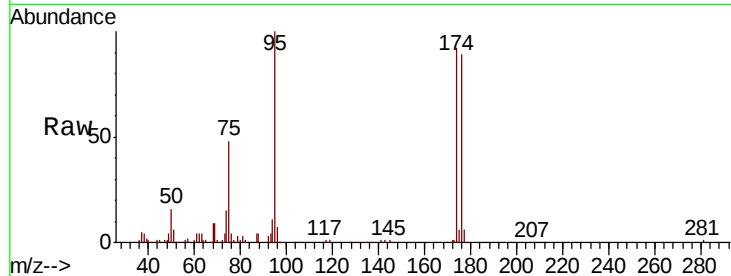
ClientSampleId :

001M-WILLETS-PT-BLVD(AUG)

Tot Ion:	95	Resp:	204106
Ion	Ratio	Lower	Upper
95	100		
174	91.4	72.3	108.5
176	88.0	70.0	105.0

Manual Integrations
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#62

Toluene

Concen: 79.72 ug/l

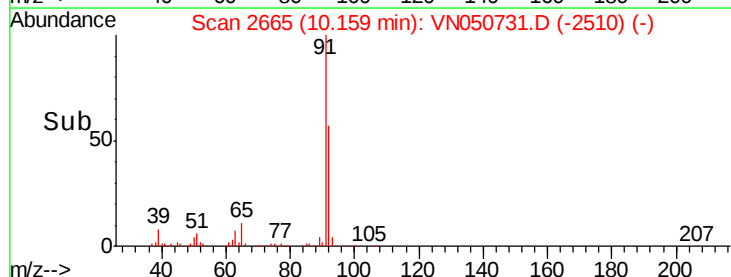
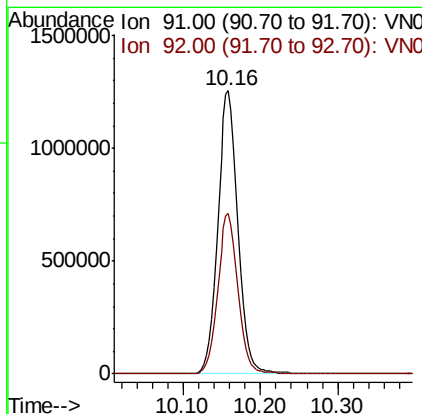
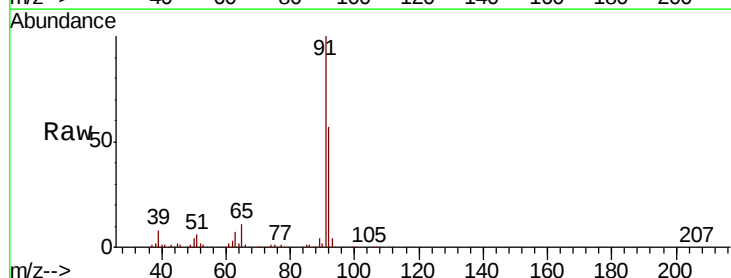
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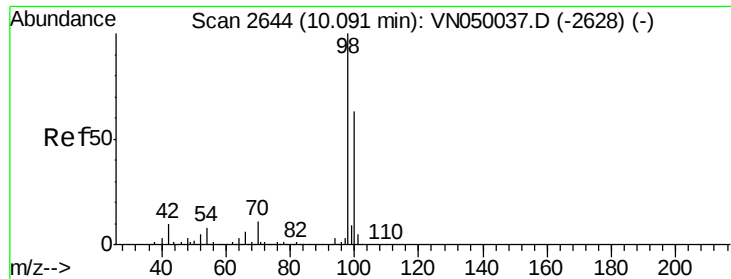
Delta R.T. -0.00 min

Lab File: VN050731.D

Acq: 17 Aug 2018 15:37

Tgt Ion:	91	Resp:	2289466
Ion	Ratio	Lower	Upper
91	100		
92	56.9	45.7	68.5





#63

Toluene-d8

Concen: 28.81 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050731.D

Acq: 17 Aug 2018 15:37

Instrument :

MSVOA_N

ClientSampleId :

001M-WILLETS-PT-BLVD(AUG)

Tot Ion: 98 Resp: 692552

Ion Ratio Lower Upper

98 100

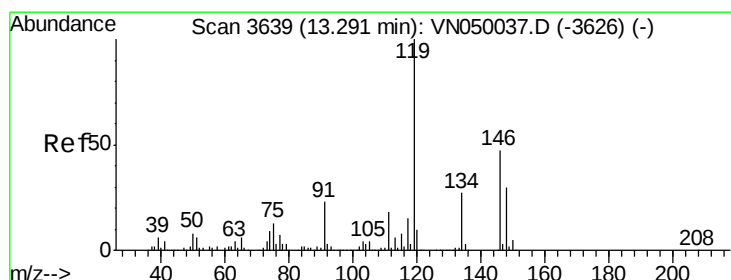
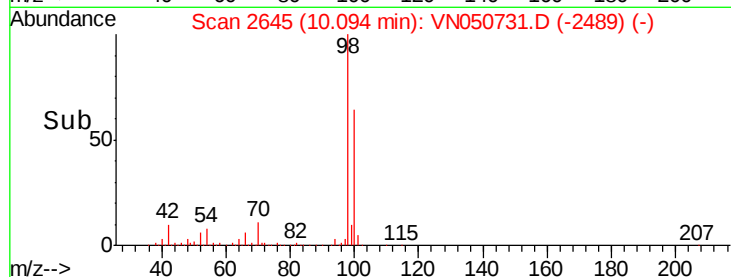
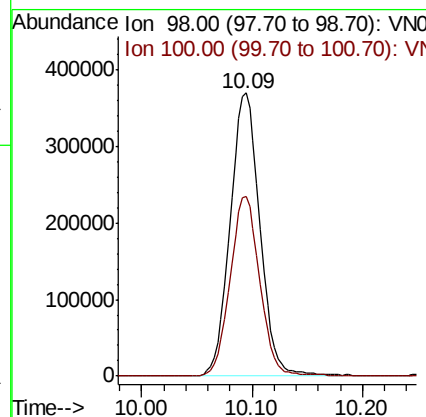
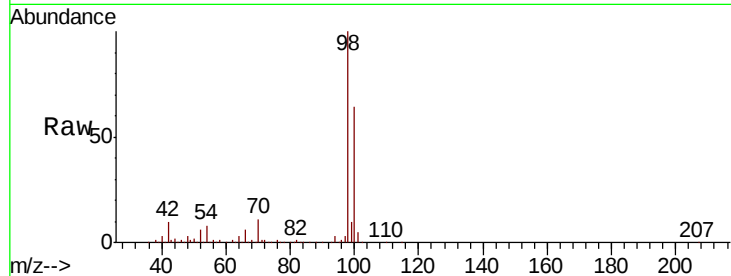
100 63.4 51.2 76.8

Manual Integrations

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#82

p-Isopropyltoluene

Concen: 9.64 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. -0.00 min

Lab File: VN050731.D

Acq: 17 Aug 2018 15:37

Tgt Ion: 119 Resp: 224501

Ion Ratio Lower Upper

119 100

134 26.9 0.0 52.2

91 24.1 0.0 45.6

