

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030521\
 Data File : VN066143.D
 Acq On : 5 Mar 2021 18:50
 Operator : JC/MD
 Sample : M1563-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 3/8/2021 10:53:48 AM

Quant Time: Mar 06 02:43:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Mar 06 02:33:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.167	128	38477	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.556	114	213835	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.379	117	192212	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.997	65	99063	29.65	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.83%		
60) 4-Bromofluorobenzene	12.373	95	89537	26.90	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	89.67%		
63) Toluene-d8	10.061	98	269942	31.16	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	103.87%		
Target Compounds						
						Qvalue
15) Acetone	3.811	58	240701m	823.48	ug/l	
25) Chloroform	7.347	83	12952	2.84	ug/l	100
30) 2-Butanone	6.807	43	9255	7.25	ug/l #	82
58) 4-Methyl-2-Pentanone	9.952	43	16729	6.57	ug/l	99
62) Toluene	10.125	91	6346	0.64	ug/l	89
67) m/p-Xylenes	11.592	106	1480	0.34	ug/l	91
80) 1,2,4-Trimethylbenzene	13.013	105	3192	0.32	ug/l	98

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

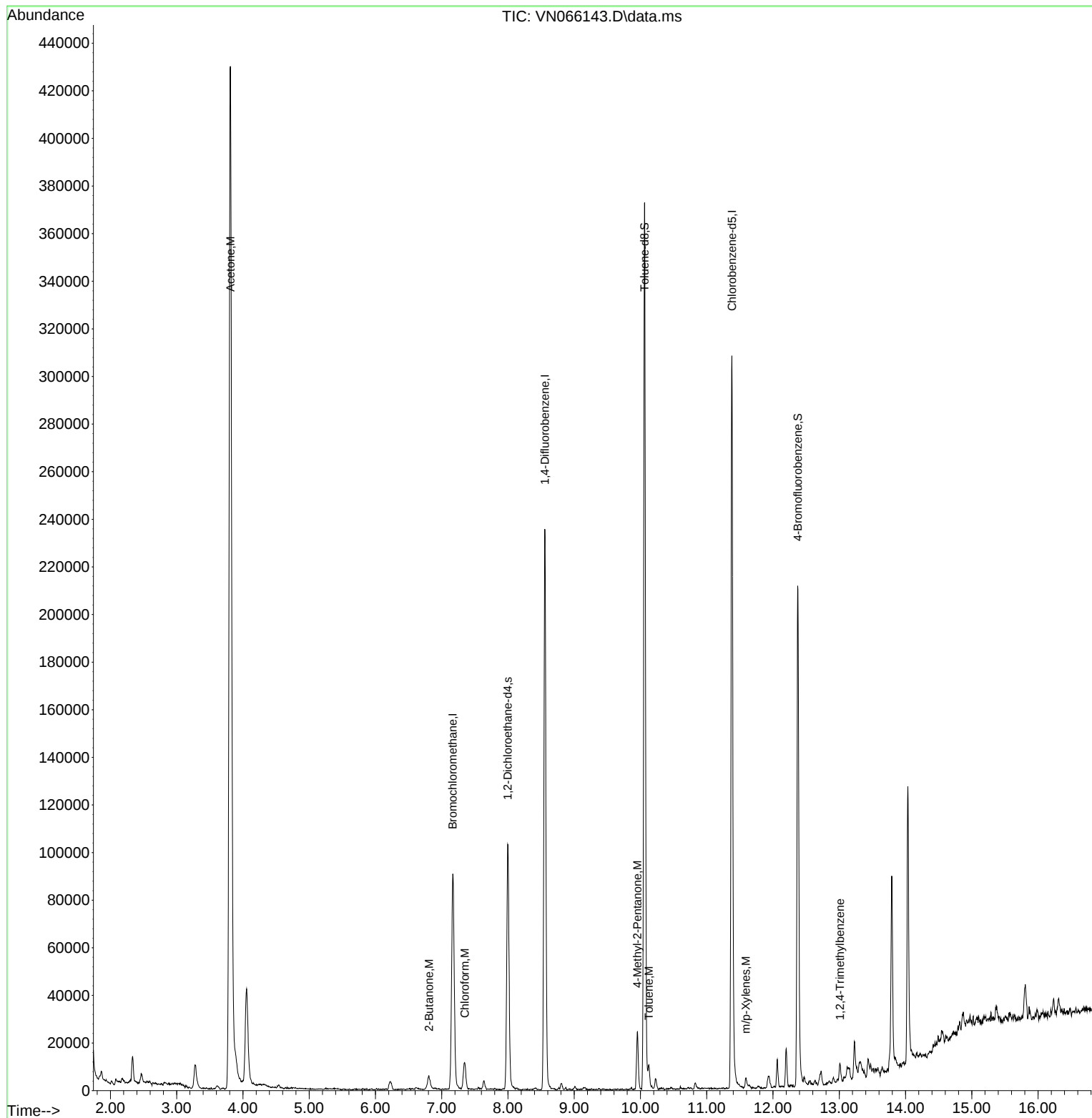
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030521\
Data File : VN066143.D
Acq On : 5 Mar 2021 18:50
Operator : JC/MD
Sample : M1563-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

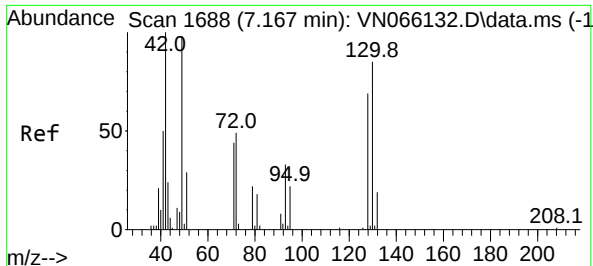
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAR)

Manual Integrations
APPROVED

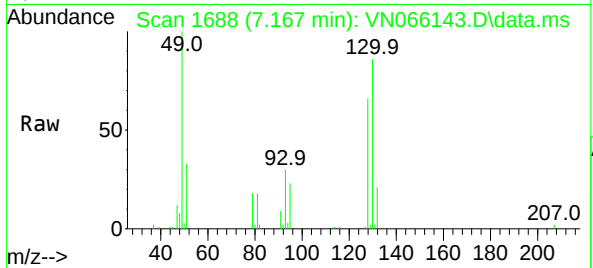
MMDadoda
3/8/2021 10:53:48 AM

Quant Time: Mar 06 02:43:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030521W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Mar 06 02:33:59 2021
Response via : Initial Calibration

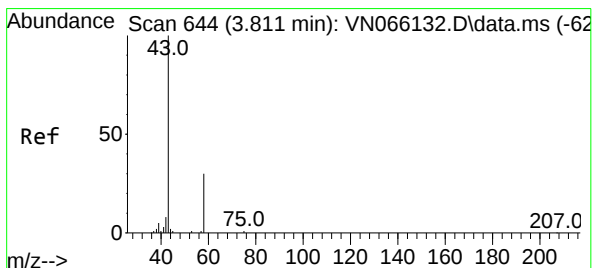
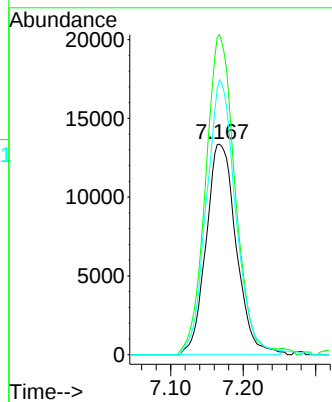
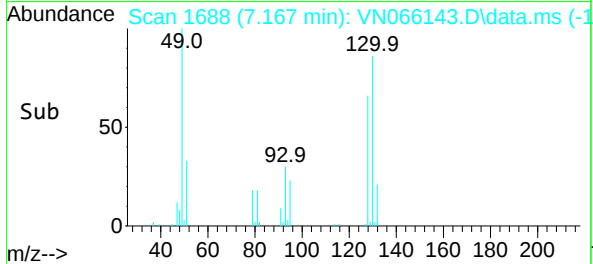




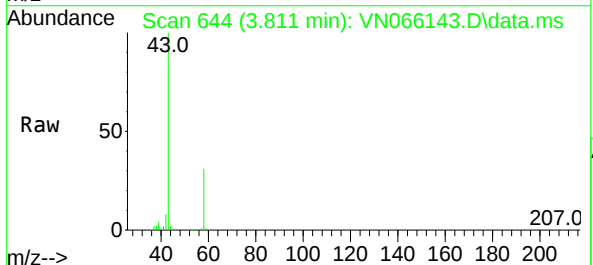
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.167 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN066143.D
Acq: 5 Mar 2021 18:50



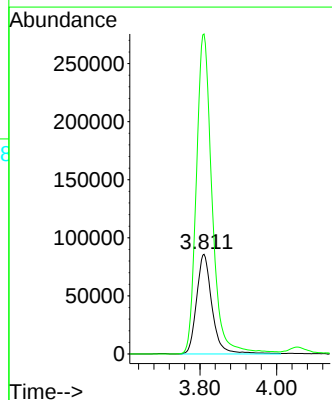
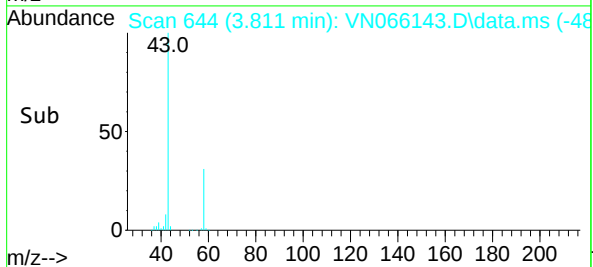
Tgt Ion:128 Resp: 38477
Ion Ratio Lower Upper
128 100
49 148.0 0.0 355.0
130 128.0 0.0 325.5



#15
Acetone
Concen: 823.48 ug/l m
RT: 3.811 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN066143.D
Acq: 5 Mar 2021 18:50



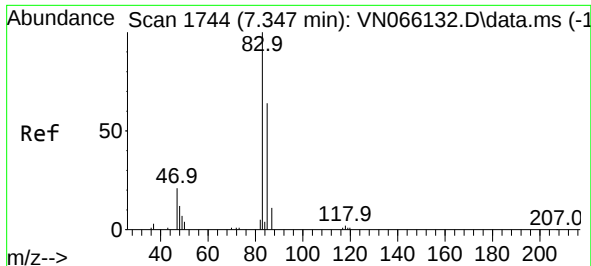
Tgt Ion: 58 Resp: 240701
Ion Ratio Lower Upper
58 100
43 321.2 203.4 305.0#



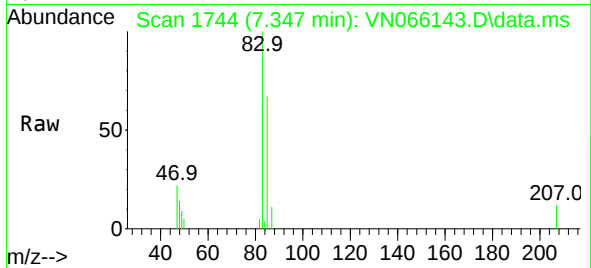
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAR)

Manual Integrations
APPROVED

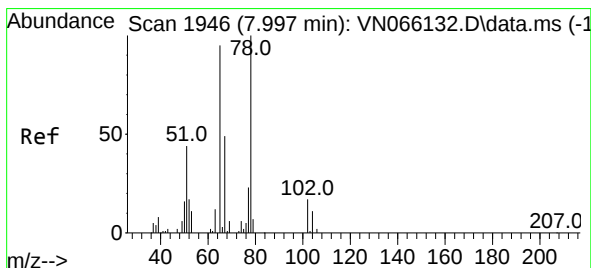
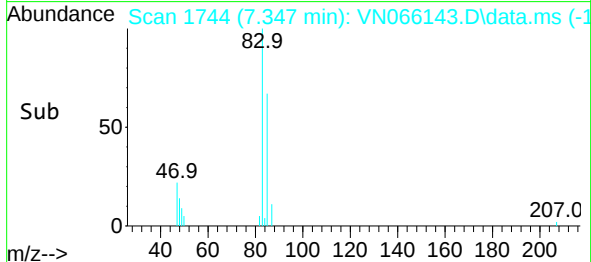
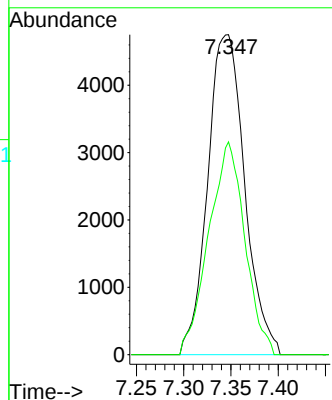
MMDadoda
3/8/2021 10:53:48 AM



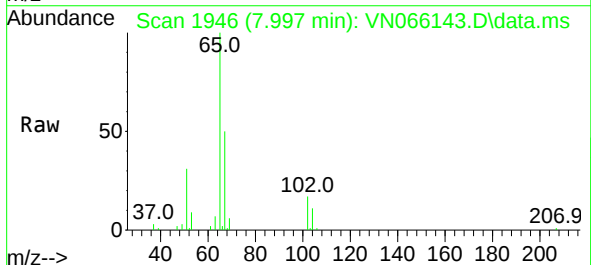
#25
Chloroform
Concen: 2.84 ug/l
RT: 7.347 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VN066143.D
Acq: 5 Mar 2021 18:50



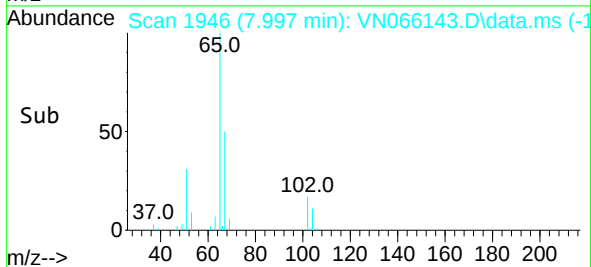
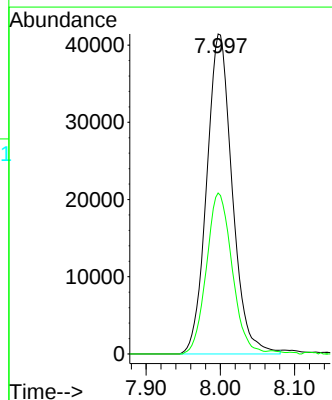
Tgt Ion: 83 Resp: 12952
Ion Ratio Lower Upper
83 100
85 66.5 53.0 79.4



#27
1,2-Dichloroethane-d4
Concen: 29.65 ug/l
RT: 7.997 min Scan# 1946
Delta R.T. -0.000 min
Lab File: VN066143.D
Acq: 5 Mar 2021 18:50



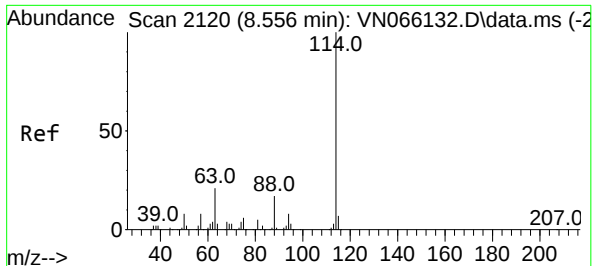
Tgt Ion: 65 Resp: 99063
Ion Ratio Lower Upper
65 100
67 50.5 42.8 64.2



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

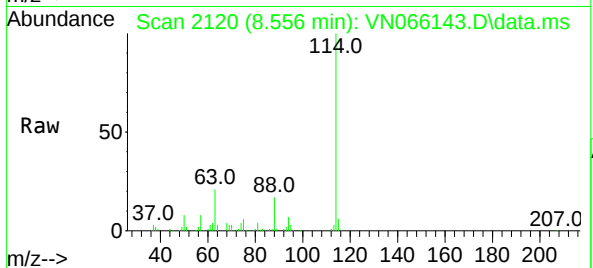
Manual Integrations
APPROVED

MMDadoda
3/8/2021 10:53:48 AM



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.556 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VN066143.D
Acq: 5 Mar 2021 18:50

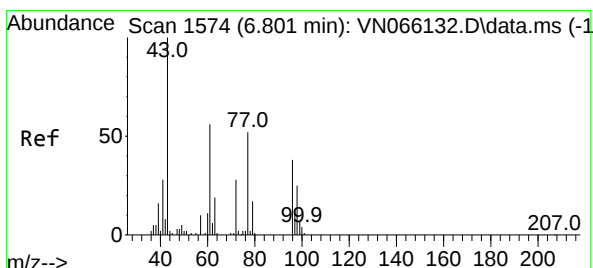
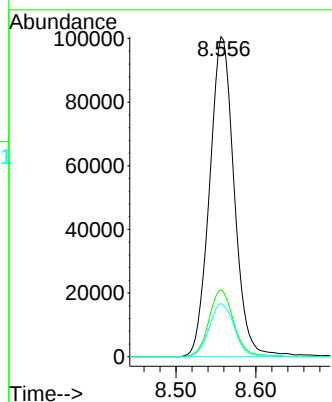
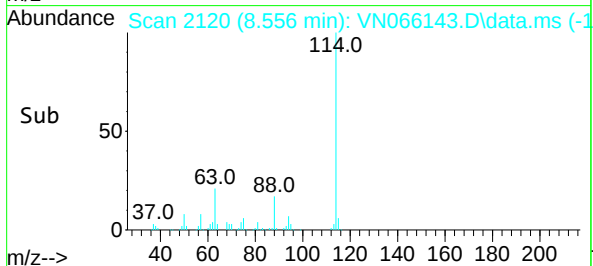
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAR)



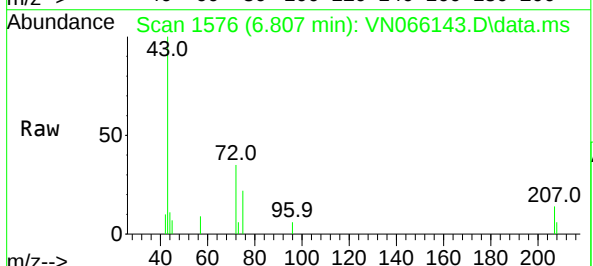
Tgt Ion: 114 Resp: 213835
Ion Ratio Lower Upper
114 100
63 21.0 14.7 22.1
88 16.7 11.7 17.5

Manual Integrations
APPROVED

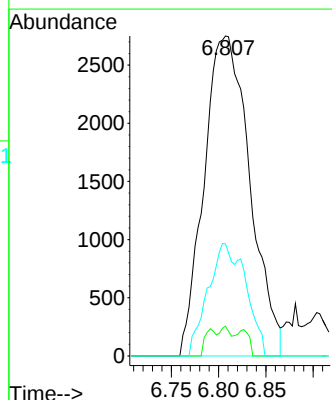
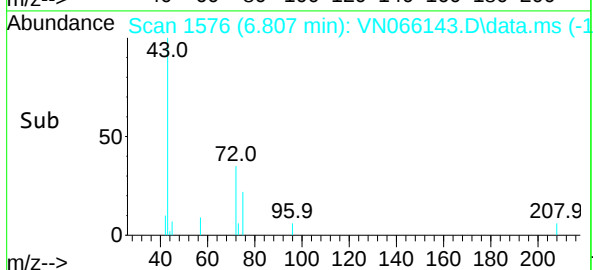
MMDadoda
3/8/2021 10:53:48 AM

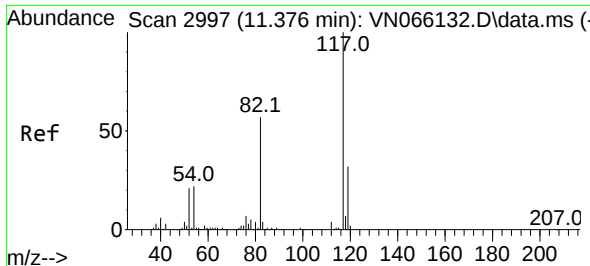


#30
2-Butanone
Concen: 7.25 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.006 min
Lab File: VN066143.D
Acq: 5 Mar 2021 18:50



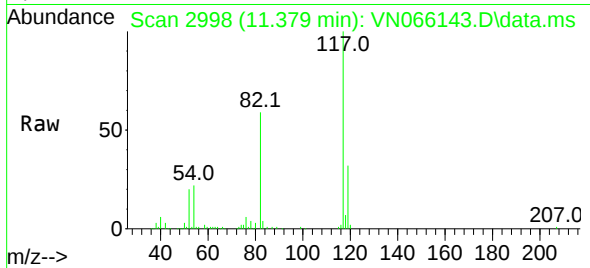
Tgt Ion: 43 Resp: 9255
Ion Ratio Lower Upper
43 100
57 2.2 7.0 10.4#
72 19.5 23.6 35.4#





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. 0.003 min
Lab File: VN066143.D
Acq: 5 Mar 2021 18:50

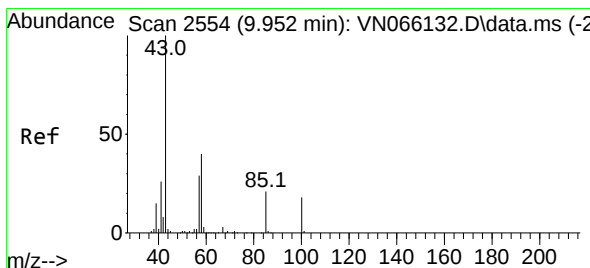
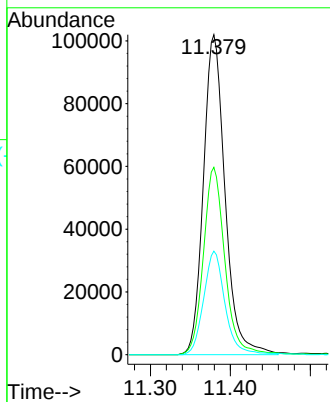
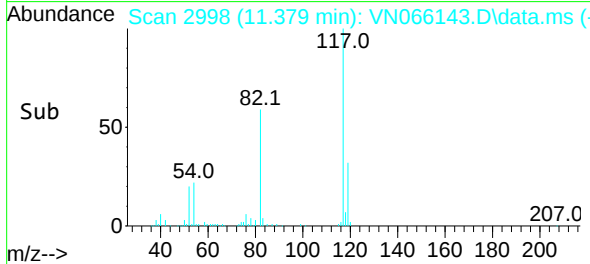
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAR)



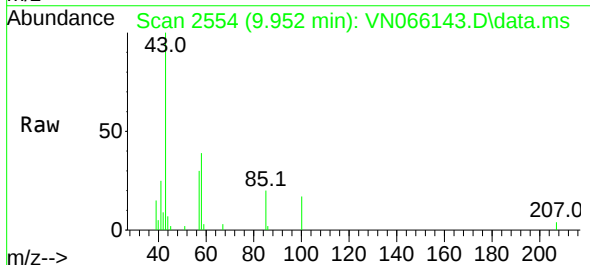
Tgt Ion:117 Resp: 192212
Ion Ratio Lower Upper
117 100
82 58.2 41.3 61.9
119 32.0 25.7 38.5

Manual Integrations
APPROVED

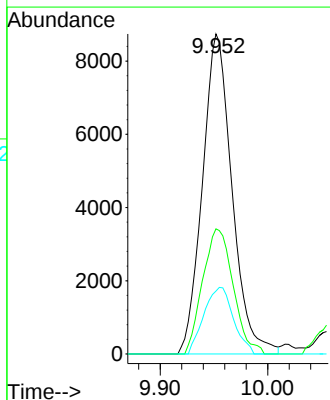
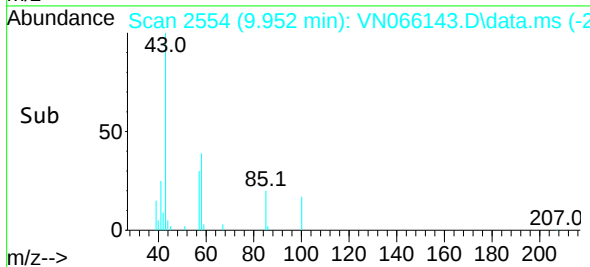
MMDadoda
3/8/2021 10:53:48 AM

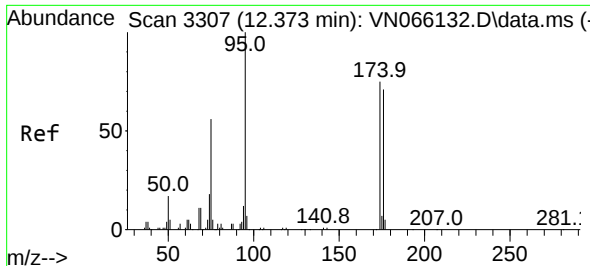


#58
4-Methyl-2-Pentanone
Concen: 6.57 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN066143.D
Acq: 5 Mar 2021 18:50



Tgt Ion: 43 Resp: 16729
Ion Ratio Lower Upper
43 100
58 40.2 32.7 49.1
85 20.7 16.0 24.0





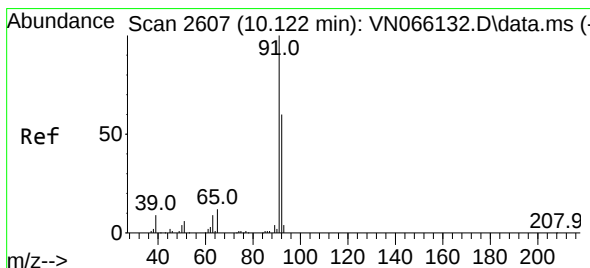
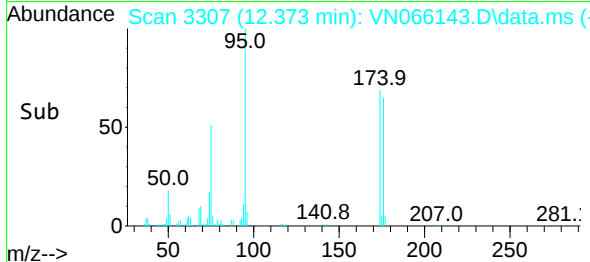
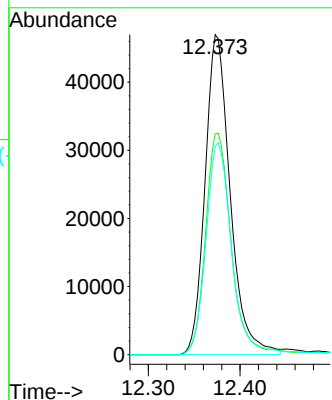
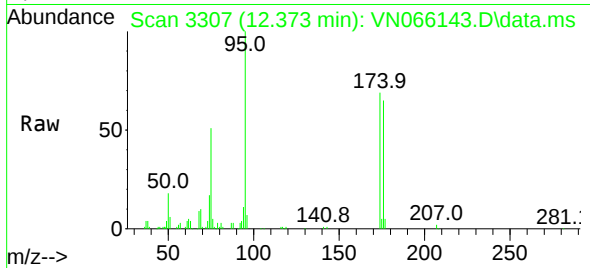
#60
4-Bromofluorobenzene
Concen: 26.90 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN066143.D
Acq: 5 Mar 2021 18:50

Tgt Ion: 95 Resp: 89537
Ion Ratio Lower Upper
95 100
174 69.3 77.0 115.6#
176 67.2 75.8 113.6#

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

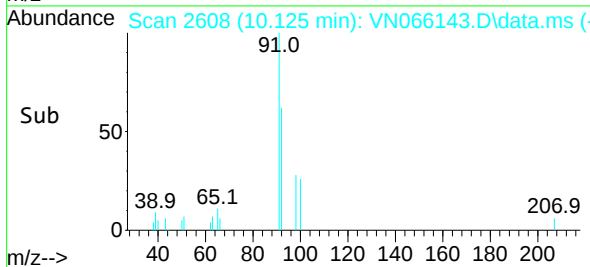
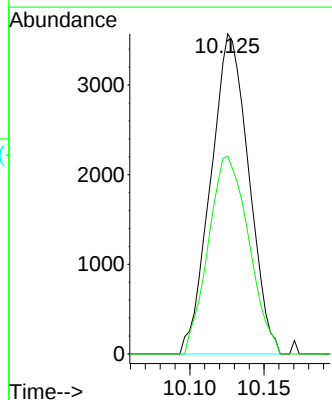
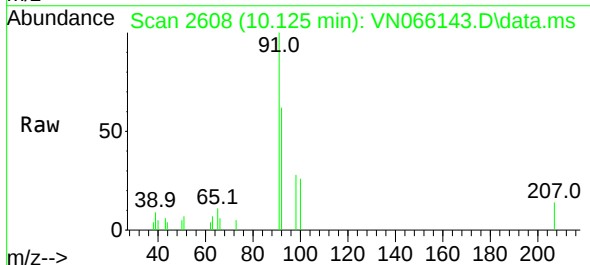
Manual Integrations
APPROVED

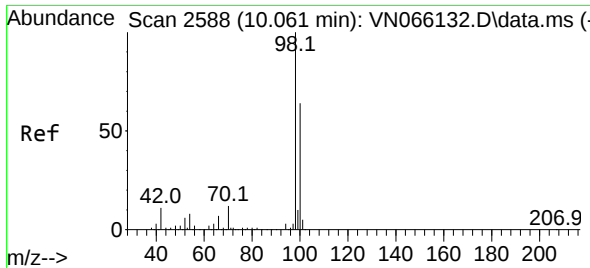
MMDadoda
3/8/2021 10:53:48 AM



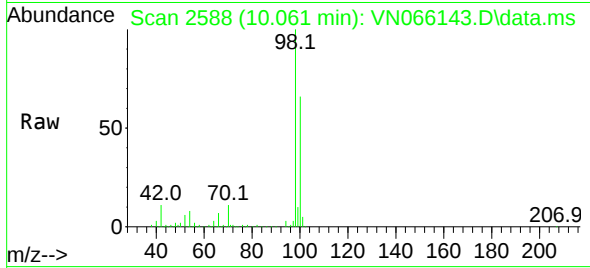
#62
Toluene
Concen: 0.64 ug/l
RT: 10.125 min Scan# 2608
Delta R.T. 0.003 min
Lab File: VN066143.D
Acq: 5 Mar 2021 18:50

Tgt Ion: 91 Resp: 6346
Ion Ratio Lower Upper
91 100
92 65.7 46.2 69.4

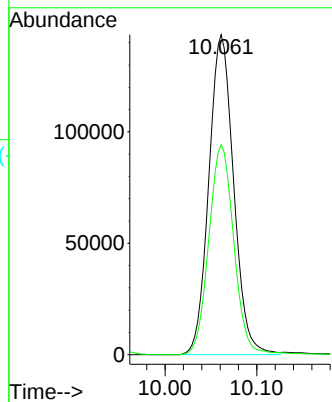
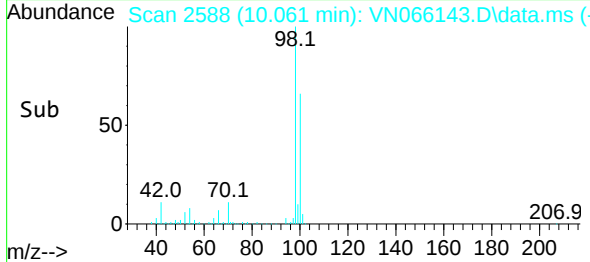




#63
Toluene-d8
Concen: 31.16 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. -0.000 min
Lab File: VN066143.D
Acq: 5 Mar 2021 18:50



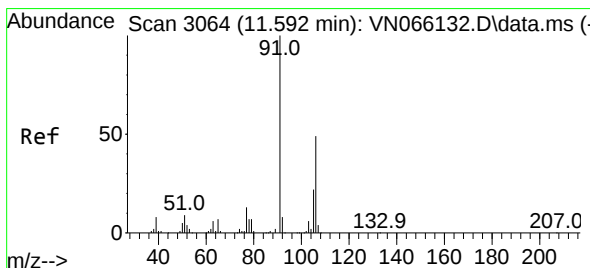
Tgt Ion: 98 Resp: 269942
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



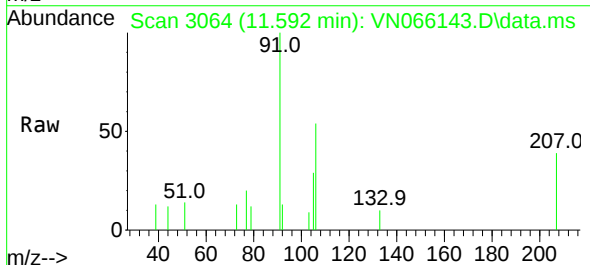
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAR)

Manual Integrations
APPROVED

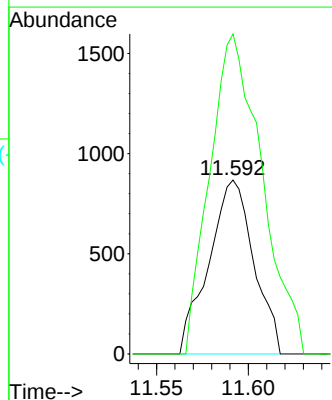
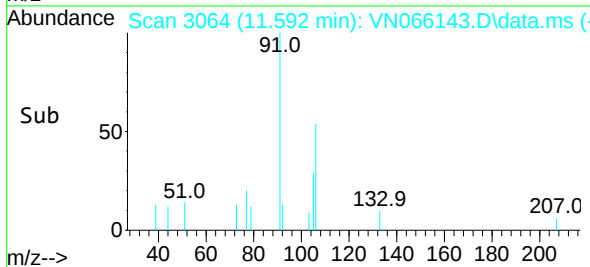
MMDadoda
3/8/2021 10:53:48 AM

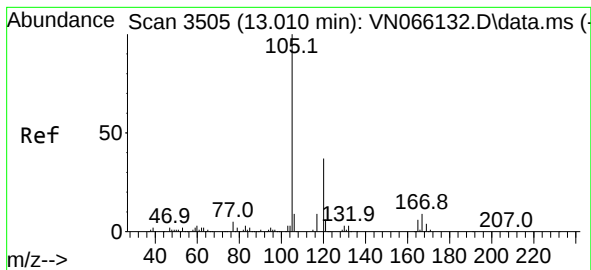


#67
m/p-Xylenes
Concen: 0.34 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN066143.D
Acq: 5 Mar 2021 18:50



Tgt Ion:106 Resp: 1480
Ion Ratio Lower Upper
106 100
91 212.8 159.0 238.6





#80
 1,2,4-Trimethylbenzene
 Concen: 0.32 ug/l
 RT: 13.013 min Scan# 3506
 Delta R.T. 0.003 min
 Lab File: VN066143.D
 Acq: 5 Mar 2021 18:50

Tgt Ion:105 Resp: 3192
 Ion Ratio Lower Upper
 105 100
 120 45.6 0.0 93.6

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

Manual Integrations
 APPROVED

MMDadoda
 3/8/2021 10:53:48 AM

