

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077596.D
 Acq On : 05 May 2023 17:17
 Operator : JC\MD
 Sample : 02599-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 06 02:34:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:20:59 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2023
 Supervised By : Mahesh Dadoda 05/08/2023

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

Internal Standards						
1) Bromochloromethane	7.819	128	59127	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	410356	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	431169	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	171055	32.451	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.167%			
60) 4-Bromofluorobenzene	12.854	95	205931	27.261	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.867%			
63) Toluene-d8	10.572	98	457589	30.118	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.400%			
Target Compounds						
15) Acetone	4.448	58	24119m	28.231	ug/l	Qvalue
25) Chloroform	7.966	83	4903m	0.378	ug/l	
30) 2-Butanone	7.495	43	30131	9.501	ug/l #	74
58) 4-Methyl-2-Pentanone	10.454	43	6980	1.124	ug/l #	91
62) Toluene	10.636	91	20129	0.694	ug/l	100
67) m/p-Xylenes	12.071	106	2616	0.212	ug/l	96

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

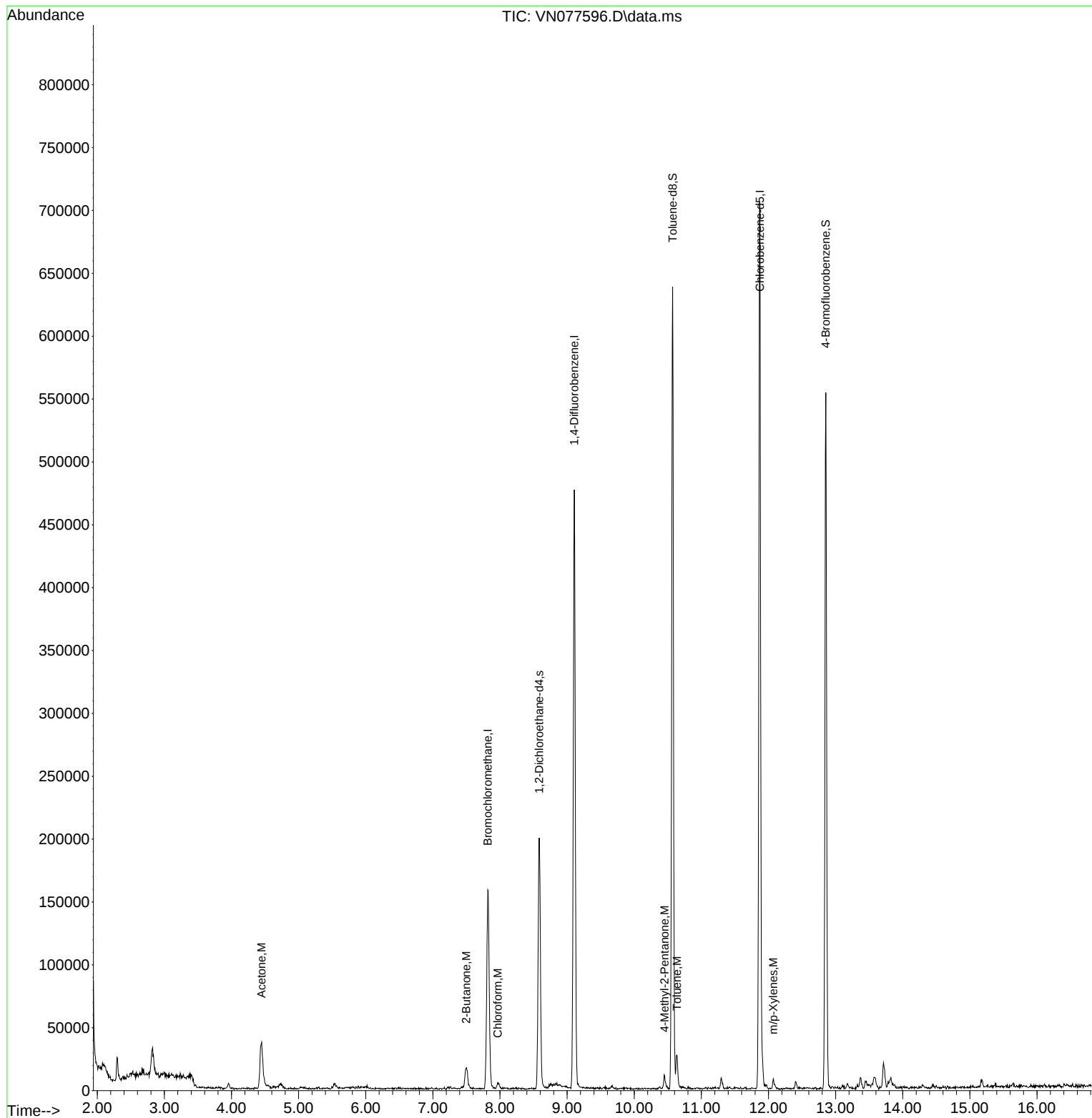
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
Data File : VN077596.D
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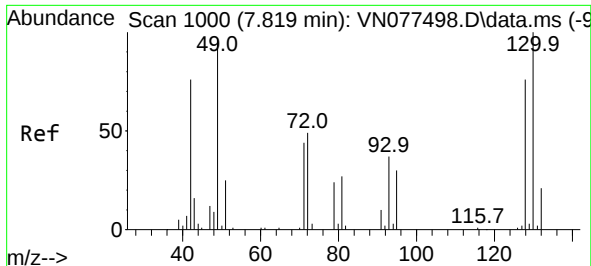
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)

Quant Time: May 06 02:34:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 28 16:20:59 2023
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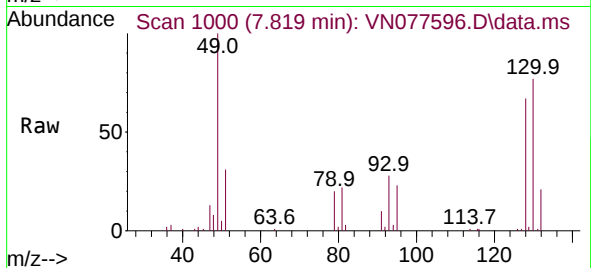
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN077596.D
Acq: 05 May 2023 17:17

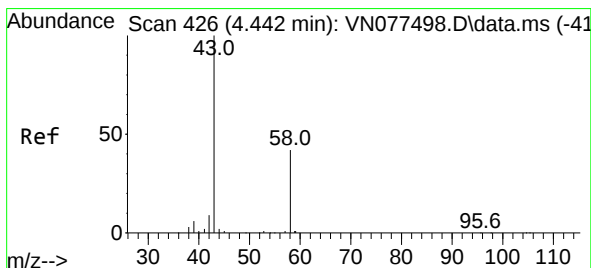
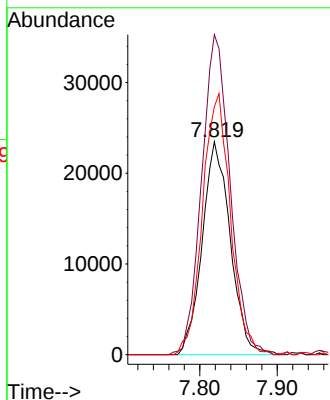
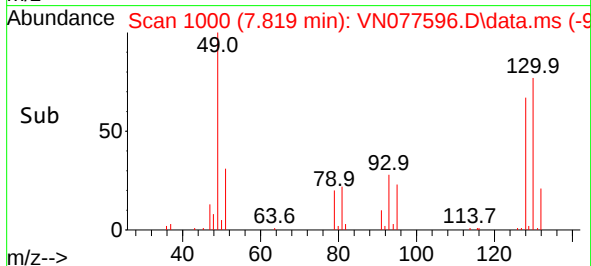
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)



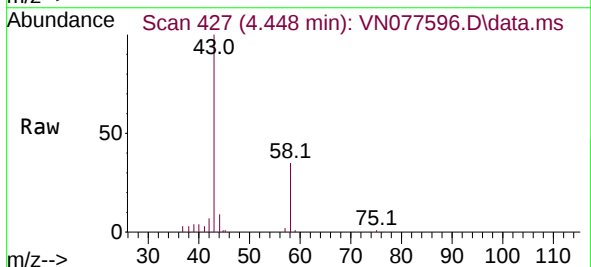
Tgt Ion:128 Resp: 5912
Ion Ratio Lower Upper
128 100
49 151.9 0.0 338.5
130 121.6 0.0 326.3

Manual Integrations
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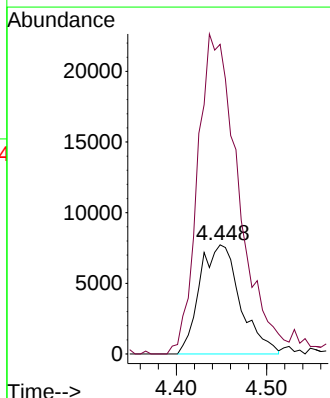
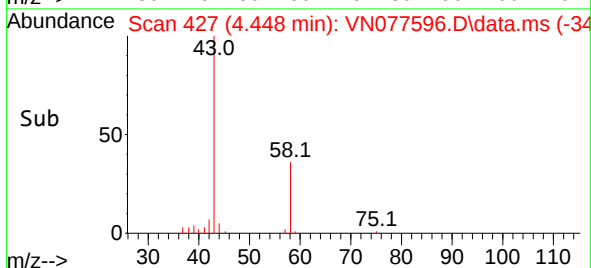
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

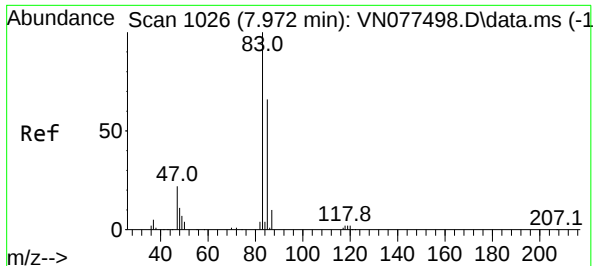


#15
Acetone
Concen: 28.231 ug/l m
RT: 4.448 min Scan# 427
Delta R.T. 0.006 min
Lab File: VN077596.D
Acq: 05 May 2023 17:17



Tgt Ion: 58 Resp: 24119
Ion Ratio Lower Upper
58 100
43 283.6 197.2 295.8





#25

Chloroform

Concen: 0.378 ug/l m

RT: 7.966 min Scan# 110

Delta R.T. -0.006 min

Lab File: VN077596.D

Acq: 05 May 2023 17:17

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(MAY)

Tgt Ion: 83 Resp: 490

Ion Ratio Lower Upper

83 100

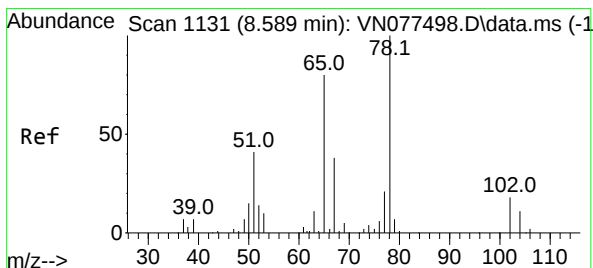
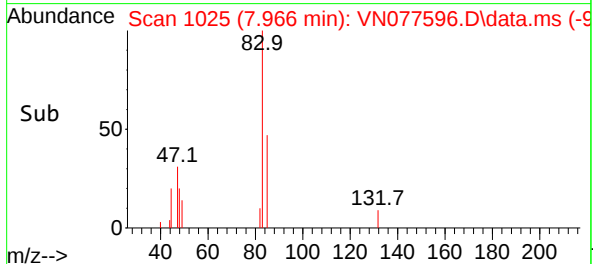
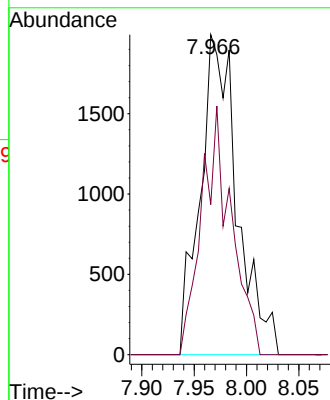
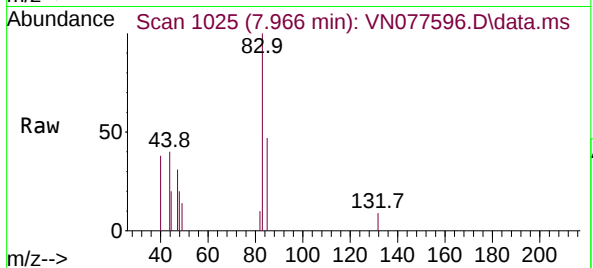
85 46.9 53.0 79.4

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 32.451 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN077596.D

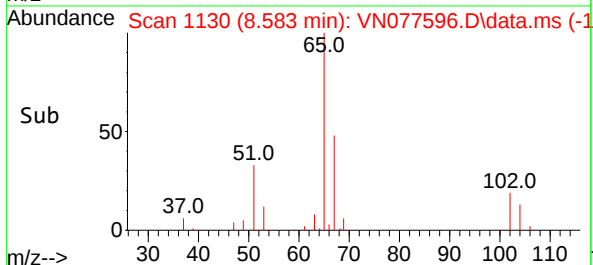
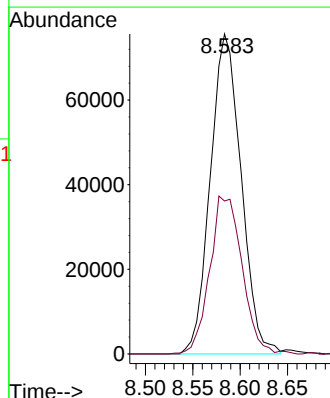
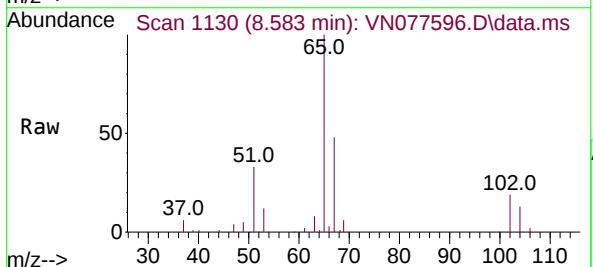
Acq: 05 May 2023 17:17

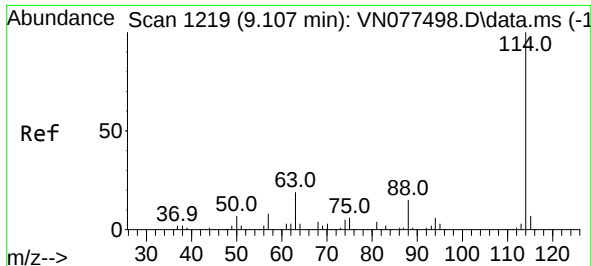
Tgt Ion: 65 Resp: 171055

Ion Ratio Lower Upper

65 100

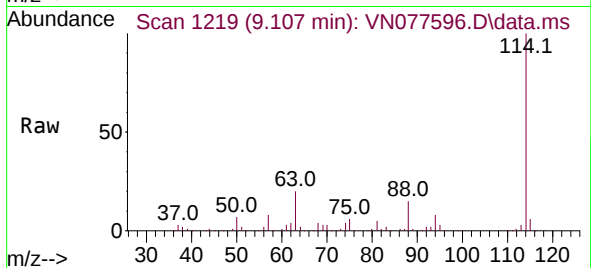
67 51.6 40.2 60.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN077596.D
Acq: 05 May 2023 17:17

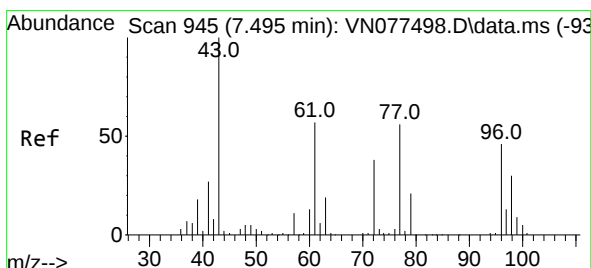
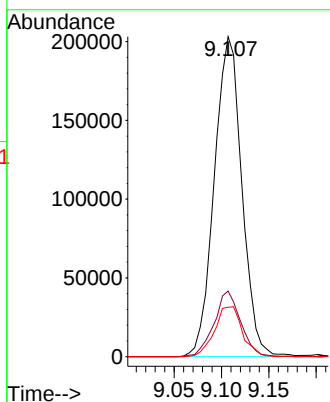
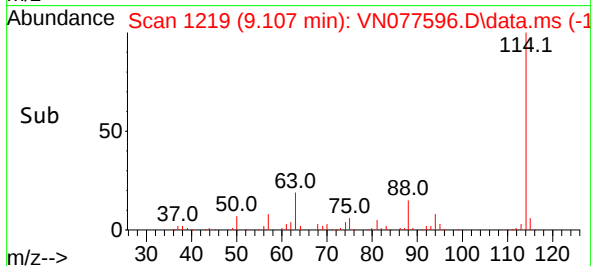
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)



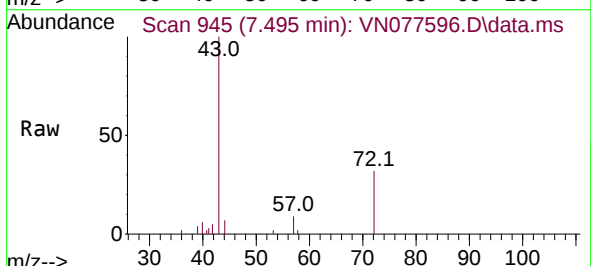
Tgt Ion:114 Resp: 410350
Ion Ratio Lower Upper
114 100
63 19.8 14.1 21.1
88 15.8 12.3 18.5

Manual Integrations
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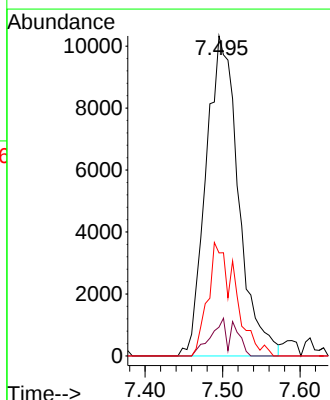
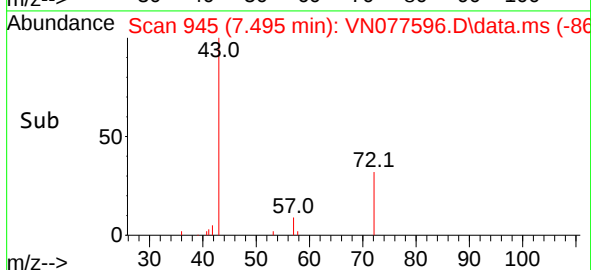
Reviewed By :John Carlone 05/08/2023
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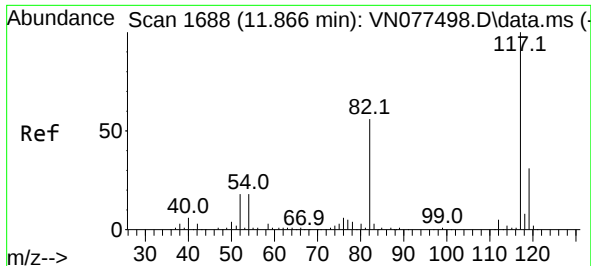


#30
2-Butanone
Concen: 9.501 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077596.D
Acq: 05 May 2023 17:17



Tgt Ion: 43 Resp: 30131
Ion Ratio Lower Upper
43 100
57 5.5 8.0 12.0#
72 19.8 30.4 45.6#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN077596.D

Acq: 05 May 2023 17:17

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(MAY)

Tgt Ion:117 Resp: 431169

Ion Ratio Lower Upper

117 100

82 56.4 44.2 66.2

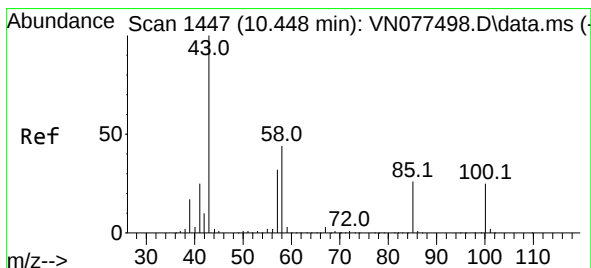
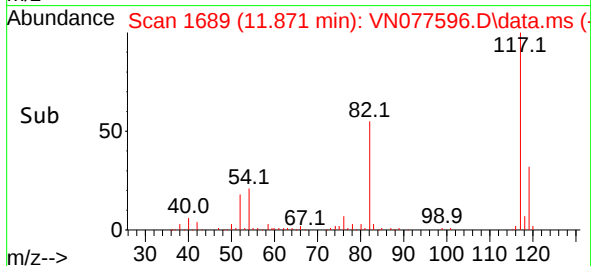
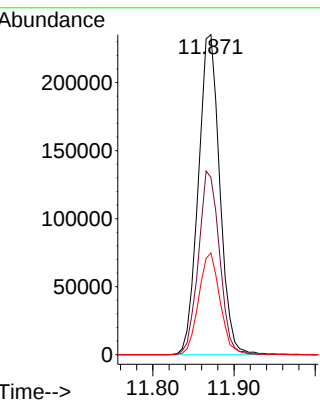
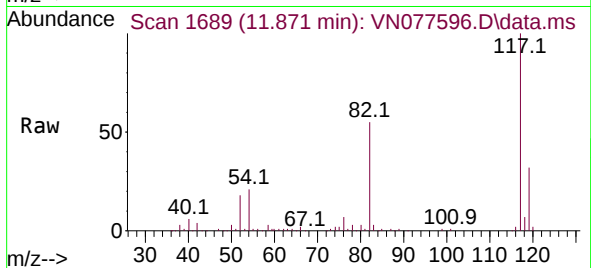
119 31.7 25.4 38.2

Manual Integrations

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#58

4-Methyl-2-Pentanone

Concen: 1.124 ug/l

RT: 10.454 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN077596.D

Acq: 05 May 2023 17:17

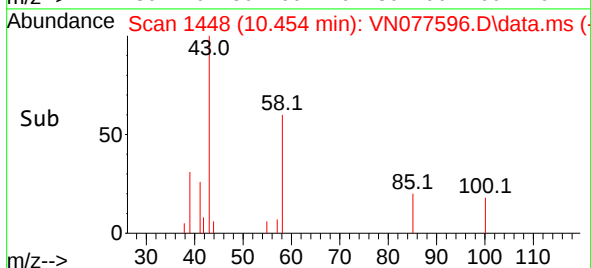
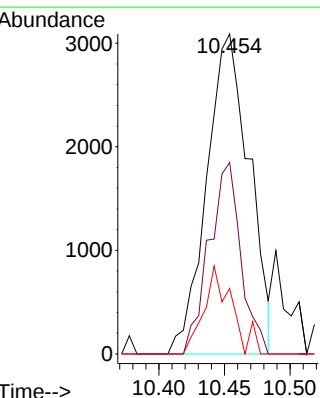
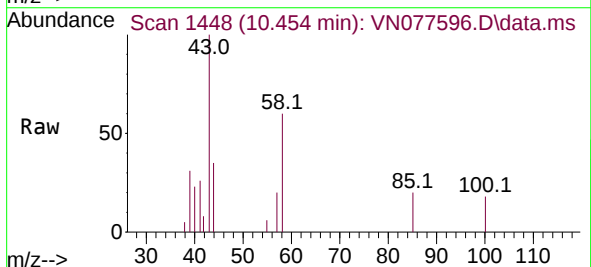
Tgt Ion: 43 Resp: 6980

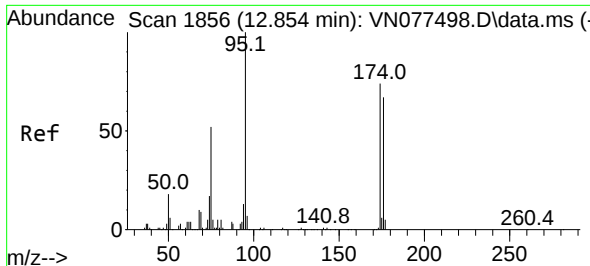
Ion Ratio Lower Upper

43 100

58 44.7 37.2 55.8

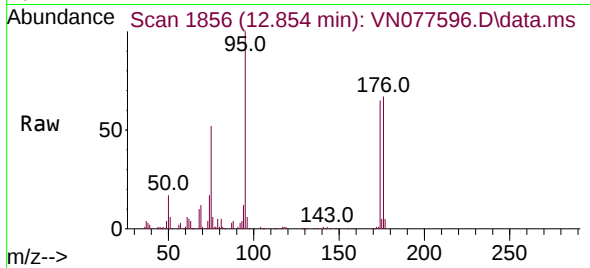
85 16.3 21.1 31.7#





#60
4-Bromofluorobenzene
Concen: 27.261 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077596.D
Acq: 05 May 2023 17:17

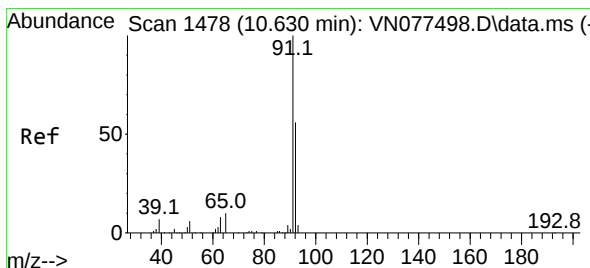
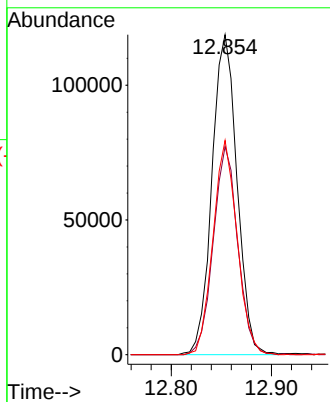
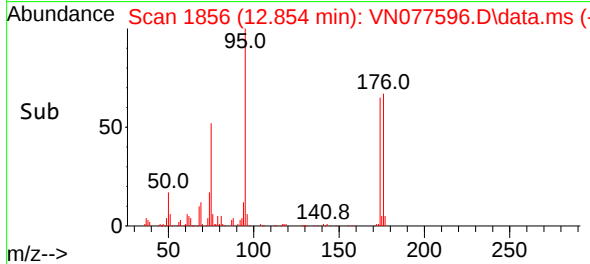
Instrument :
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001-WILLETS-PT-BLVD(MAY)



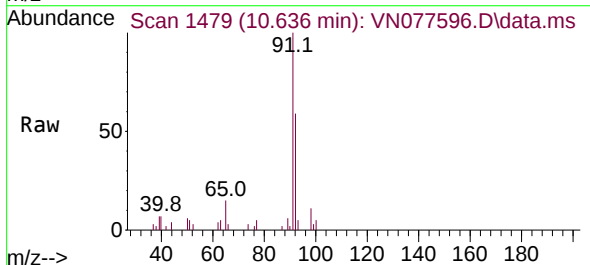
Tgt Ion: 95 Resp: 20593
Ion Ratio Lower Upper
95 100
174 63.4 55.9 83.9
176 64.5 53.9 80.9

Manual Integrations
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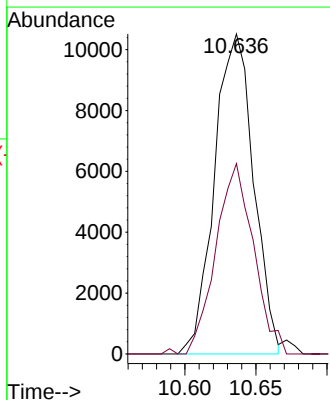
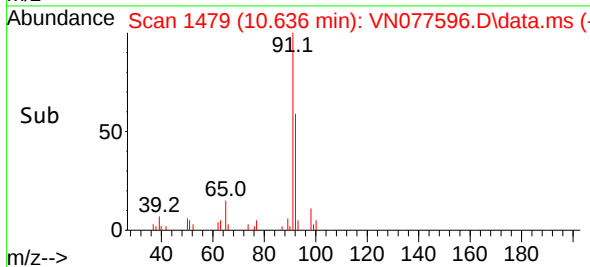
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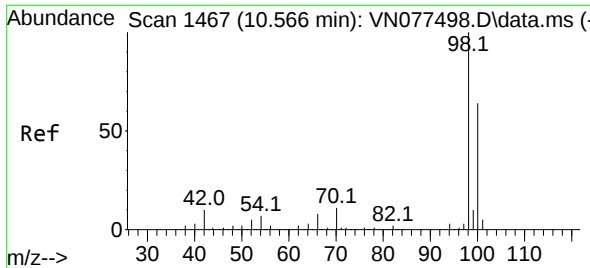


#62
Toluene
Concen: 0.694 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077596.D
Acq: 05 May 2023 17:17



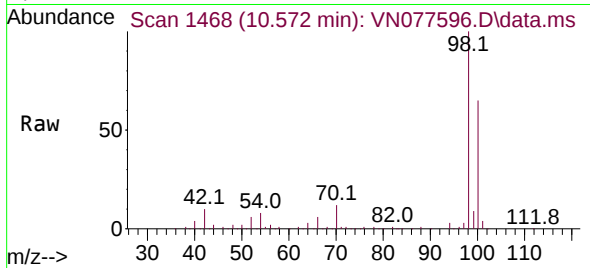
Tgt Ion: 91 Resp: 20129
Ion Ratio Lower Upper
91 100
92 57.3 46.1 69.1





#63
Toluene-d8
Concen: 30.118 ug/l
RT: 10.572 min Scan# 1467
Delta R.T. 0.006 min
Lab File: VN077596.D
Acq: 05 May 2023 17:17

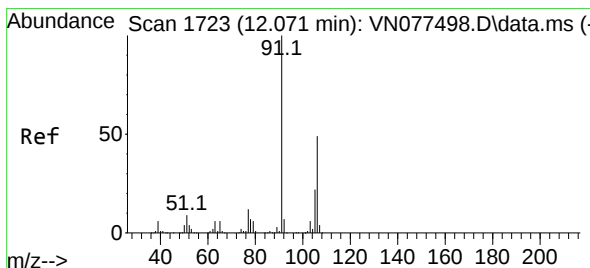
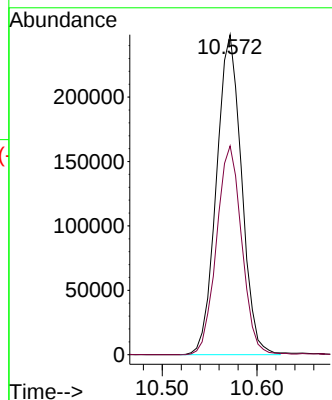
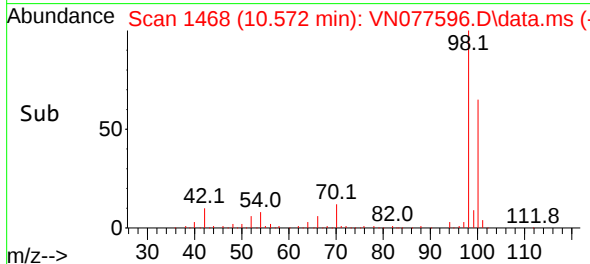
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Tgt Ion: 98 Resp: 457589
Ion Ratio Lower Upper
98 100
100 65.5 51.0 76.4

Manual Integrations
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#67
m/p-Xylenes
Concen: 0.212 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077596.D
Acq: 05 May 2023 17:17

Tgt Ion:106 Resp: 2616
Ion Ratio Lower Upper
106 100
91 191.6 157.9 236.9

