

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
 Data File : VN085396.D
 Acq On : 07 Jan 2025 13:28
 Operator : JC\MD
 Sample : Q1013-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001 WILLETS PT BLVD (JAN)

Quant Time: Jan 08 04:17:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/08/2025
 Supervised By : Mahesh Dadoda 01/08/2025

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

Internal Standards						
1) Bromochloromethane	7.806	128	20654	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	95424	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	93046	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	53728	29.571	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.567%		
60) 4-Bromofluorobenzene	12.841	95	36366	24.128	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	80.433%		
63) Toluene-d8	10.559	98	121846	26.818	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	89.400%#		
Target Compounds						
15) Acetone	4.418	58	13064m	70.271	ug/l	Qvalue
30) 2-Butanone	7.477	43	10866	12.425	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	8811	4.671	ug/l #	88
62) Toluene	10.624	91	498935	87.282	ug/l	99
67) m/p-Xylenes	12.071	106	894m	0.396	ug/l	
68) o-Xylene	12.394	106	497	0.231	ug/l	53
80) 1,2,4-Trimethylbenzene	13.482	105	3778	0.824	ug/l	95
82) p-Isopropyltoluene	13.723	119	5185	1.158	ug/l	99
91) Naphthalene	15.635	128	3054	0.849	ug/l #	93

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

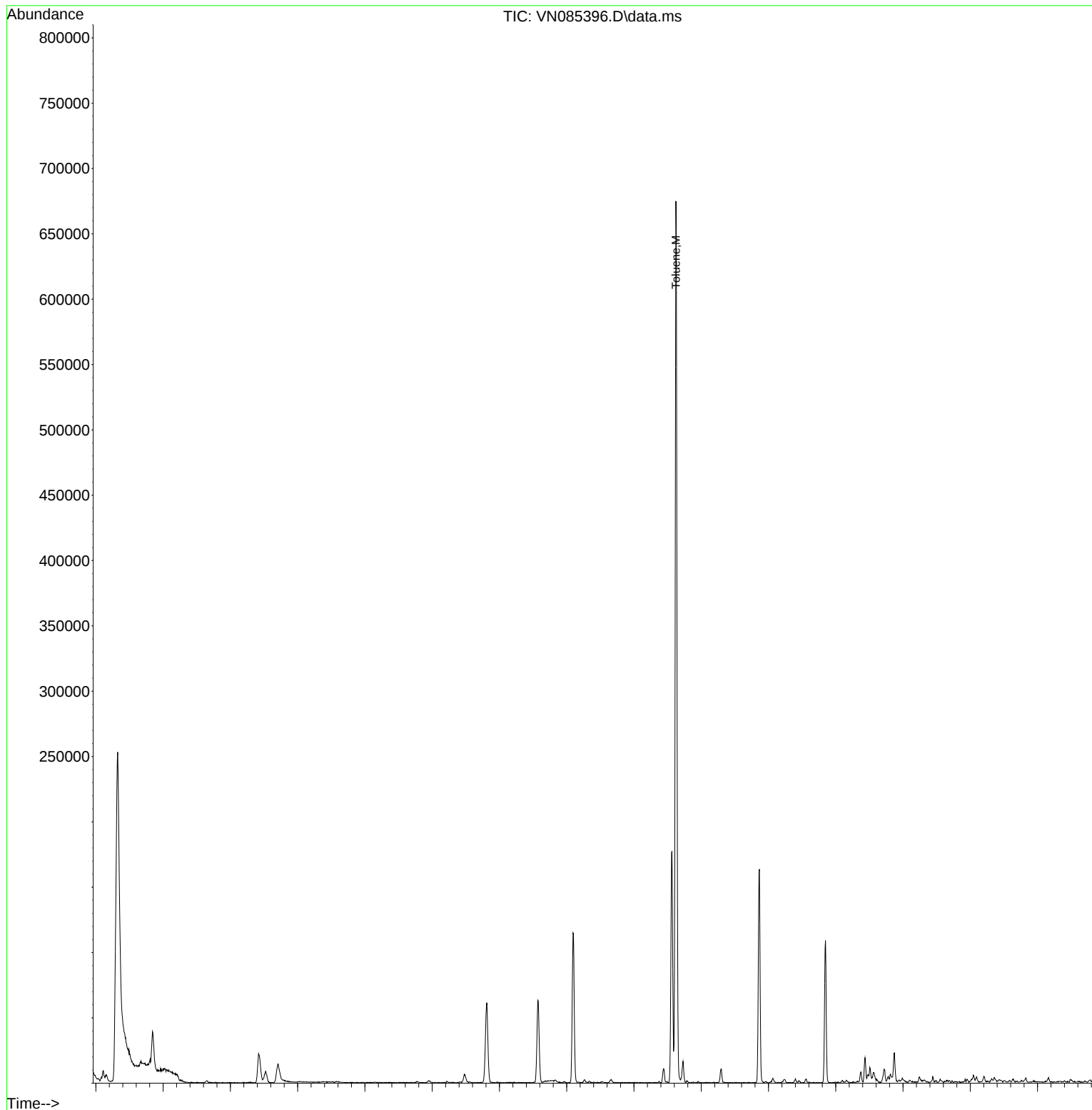
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
Data File : VN085396.D
Acq On : 07 Jan 2025 13:28
Operator : JC\MD
Sample : Q1013-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

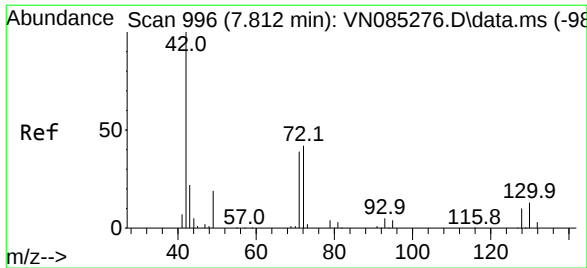
Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (JAN)

Quant Time: Jan 08 04:17:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Dec 21 02:03:07 2024
Response via : Initial Calibration

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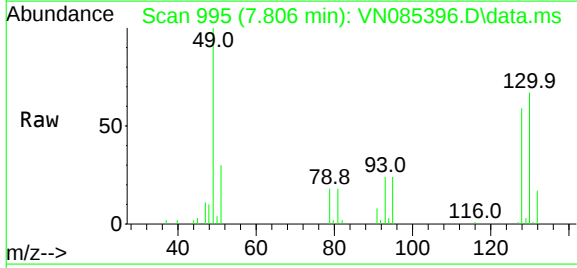
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN085396.D
Acq: 07 Jan 2025 13:28

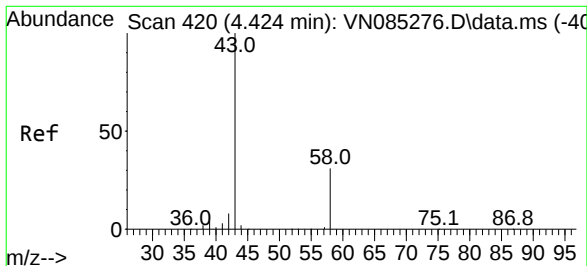
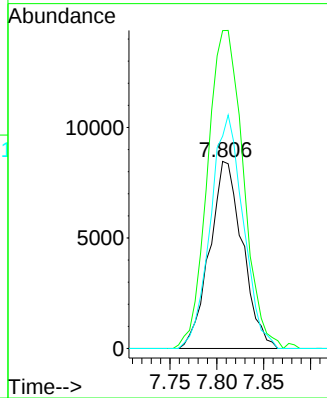
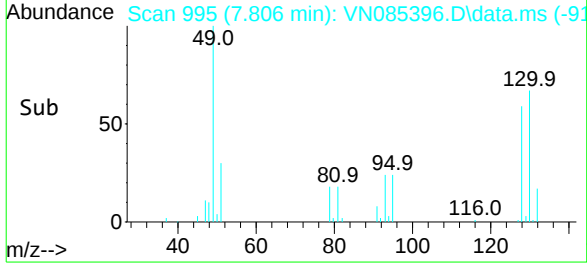
Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (JAN)



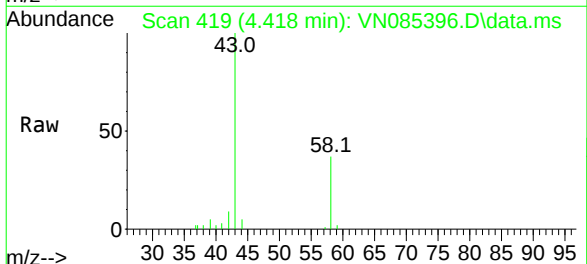
Tgt Ion: 128 Resp: 20654
Ion Ratio Lower Upper
128 100
49 184.9 0.0 497.8
130 124.5 0.0 328.5

Manual Integrations
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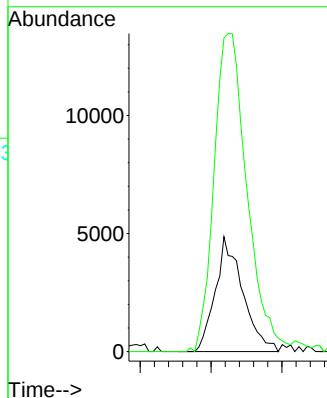
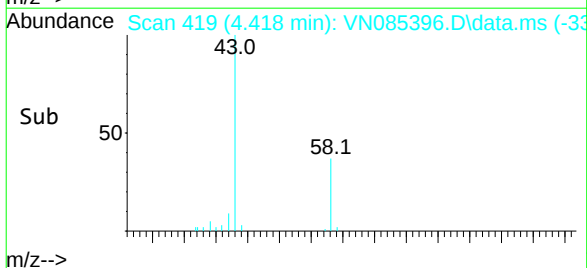
Reviewed By : John Carlone 01/08/2025
Supervised By : Mahesh Dadoda 01/08/2025

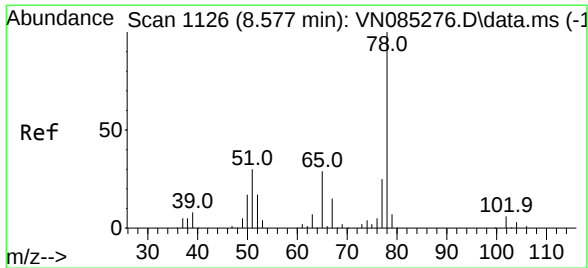


#15
Acetone
Concen: 70.271 ug/l m
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN085396.D
Acq: 07 Jan 2025 13:28



Tgt Ion: 58 Resp: 13064
Ion Ratio Lower Upper
58 100
43 272.9 258.8 388.2





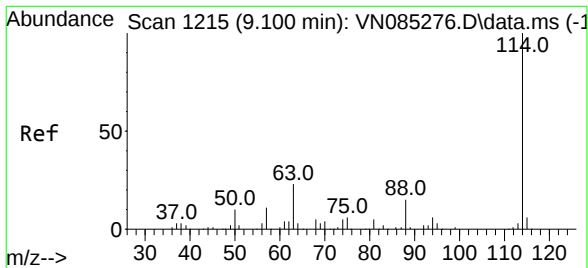
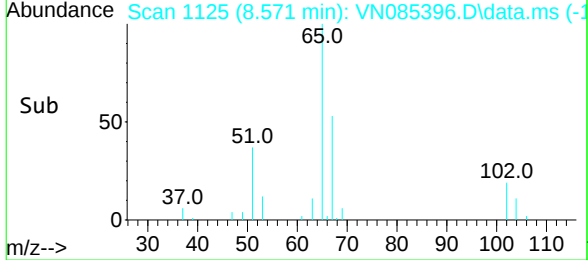
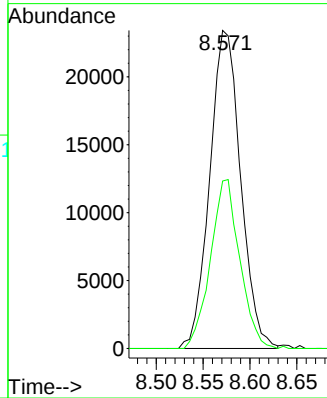
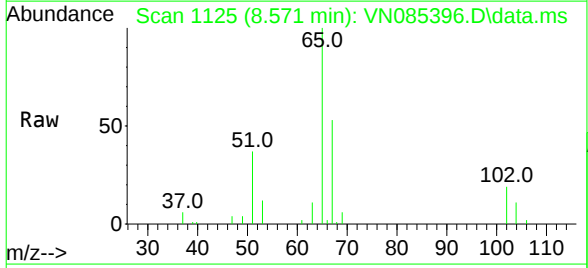
#27
1,2-Dichloroethane-d4
Concen: 29.571 ug/l
RT: 8.571 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN085396.D
Acq: 07 Jan 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (JAN)

Tgt Ion: 65 Resp: 53728
Ion Ratio Lower Upper
65 100
67 50.3 42.0 63.0

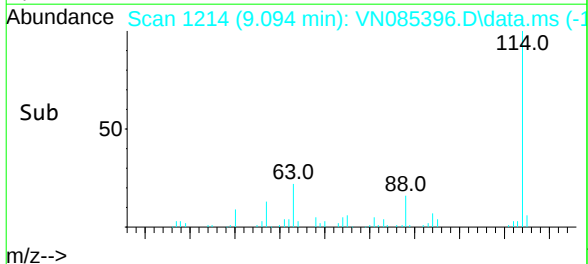
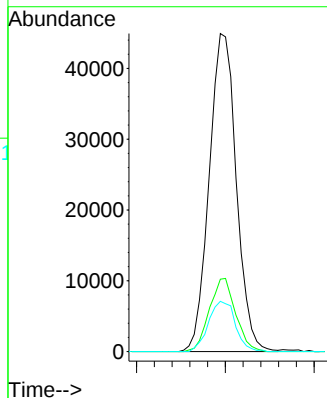
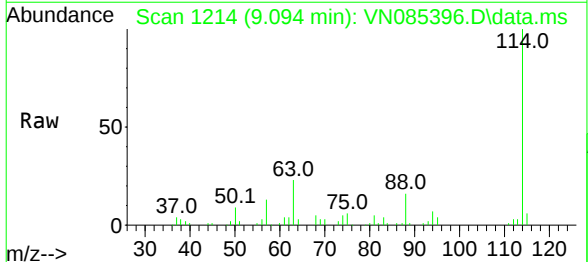
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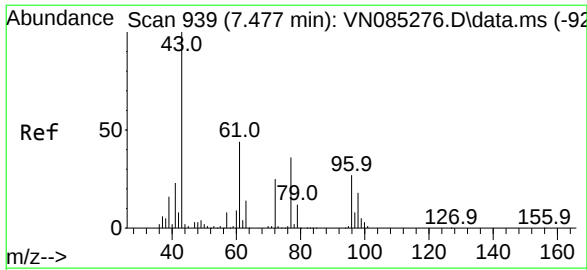
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085396.D
Acq: 07 Jan 2025 13:28

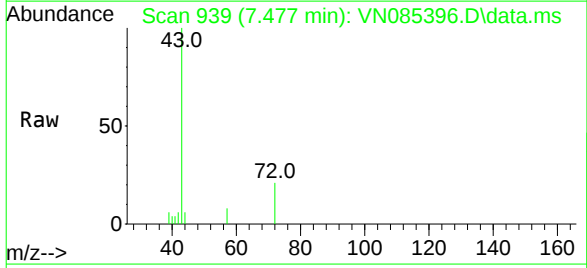
Tgt Ion:114 Resp: 95424
Ion Ratio Lower Upper
114 100
63 22.2 18.0 27.0
88 15.7 12.9 19.3





#30
2-Butanone
Concen: 12.425 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085396.D
Acq: 07 Jan 2025 13:28

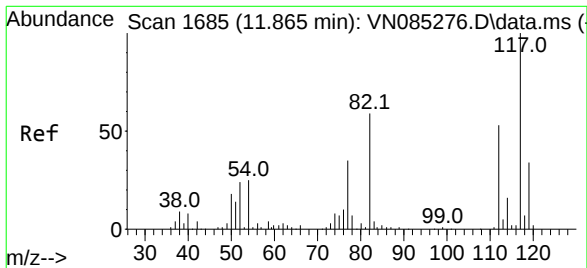
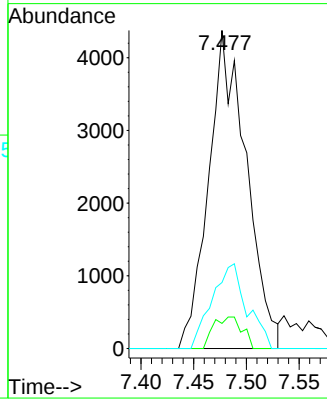
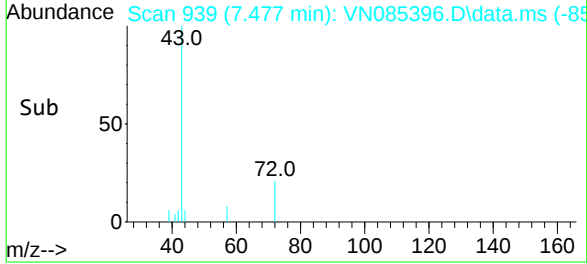
Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (JAN)



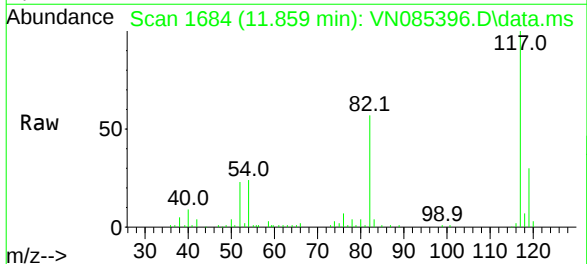
Tgt Ion: 43 Resp: 10866
Ion Ratio Lower Upper
43 100
57 7.6 6.2 9.2
72 24.7 19.9 29.9

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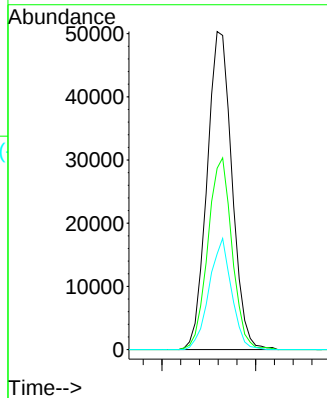
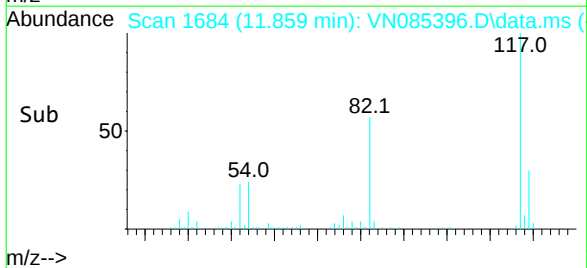
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

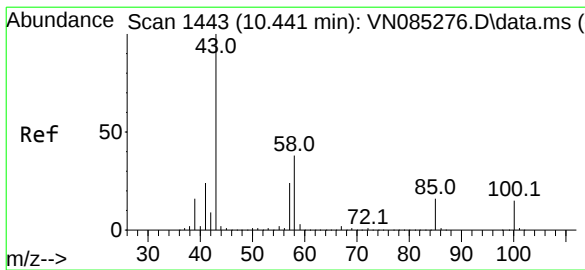


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN085396.D
Acq: 07 Jan 2025 13:28



Tgt Ion:117 Resp: 93046
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.0
119 31.4 25.3 37.9





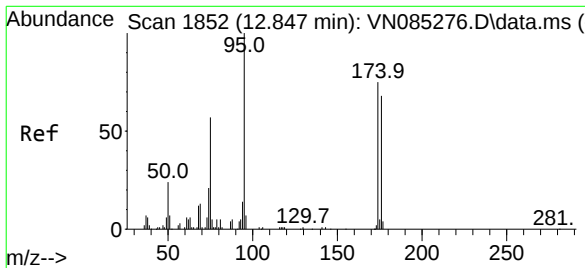
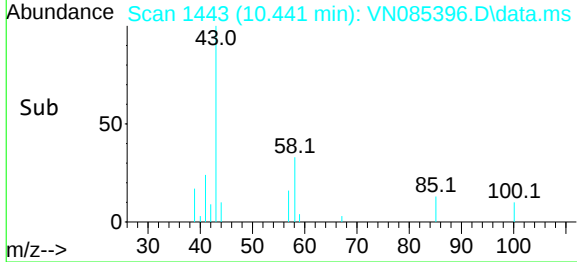
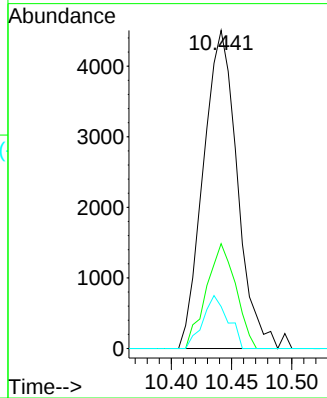
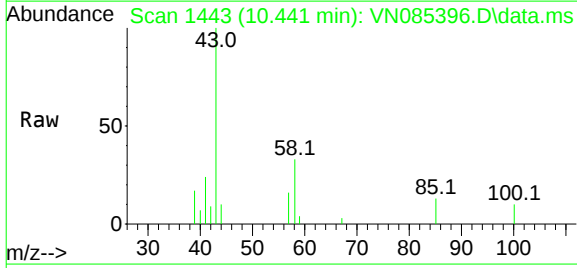
#58
4-Methyl-2-Pentanone
Concen: 4.671 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085396.D
Acq: 07 Jan 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (JAN)

Tgt Ion: 43	Resp: 8811
Ion Ratio	Lower Upper
43 100	
58 28.7	29.2 43.8
85 12.3	12.8 19.2

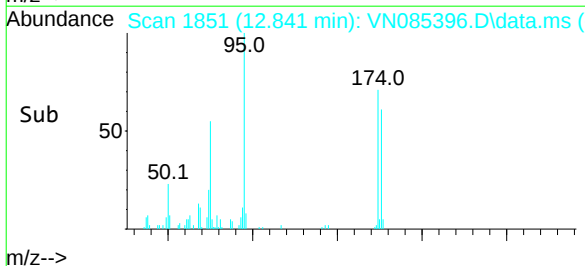
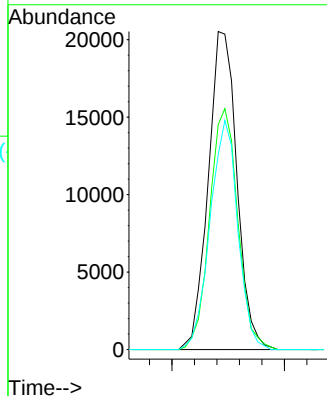
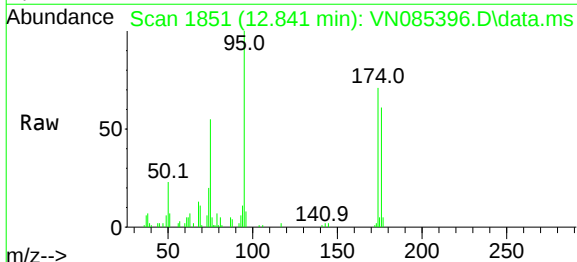
Manual Integrations
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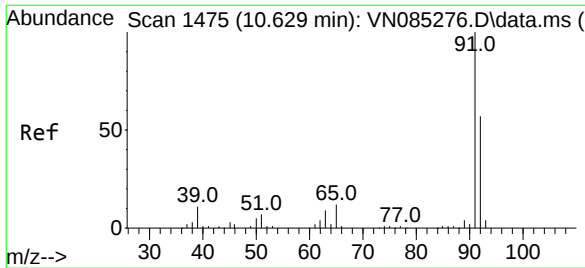
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#60
4-Bromofluorobenzene
Concen: 24.128 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN085396.D
Acq: 07 Jan 2025 13:28

Tgt Ion: 95	Resp: 36366
Ion Ratio	Lower Upper
95 100	
174 74.5	57.8 86.8
176 69.6	57.1 85.7





#62

Toluene

Concen: 87.282 ug/l

RT: 10.624 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN085396.D

Acq: 07 Jan 2025 13:28

Instrument :

MSVOA_N

ClientSampleId :

001 WILLETS PT BLVD (JAN)

Tgt Ion: 91 Resp: 498935

Ion Ratio Lower Upper

91 100

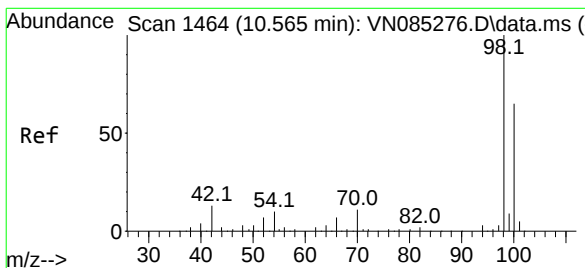
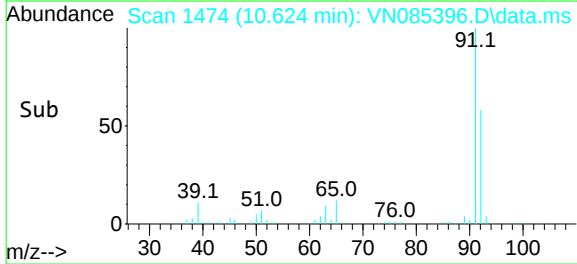
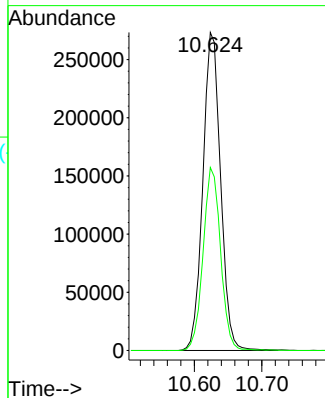
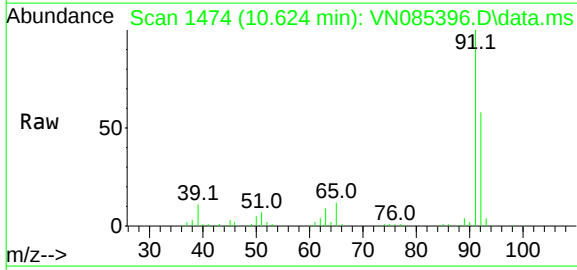
92 56.7 45.9 68.9

Manual Integrations

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Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#63

Toluene-d8

Concen: 26.818 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085396.D

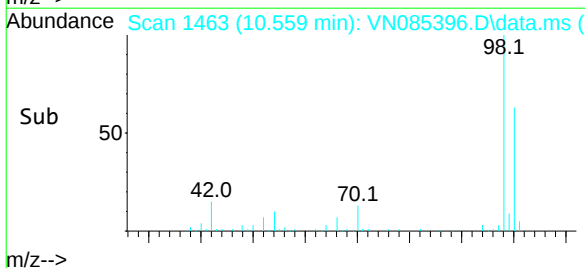
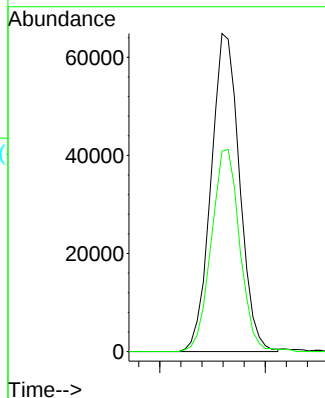
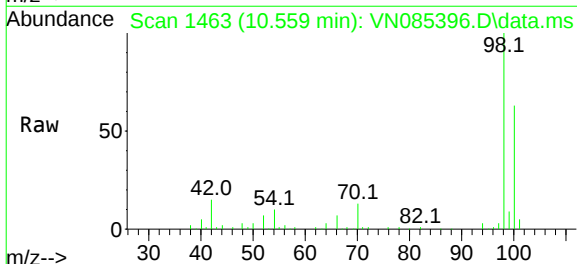
Acq: 07 Jan 2025 13:28

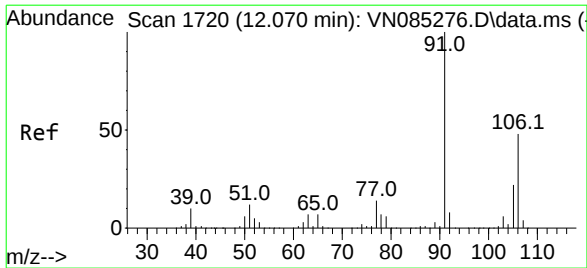
Tgt Ion: 98 Resp: 121846

Ion Ratio Lower Upper

98 100

100 63.1 50.8 76.2





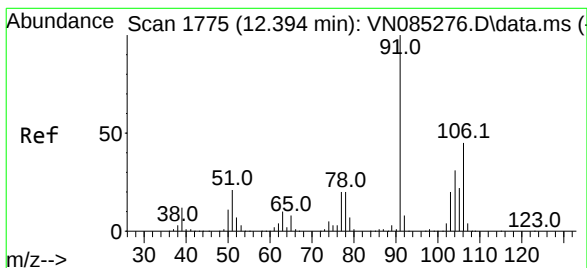
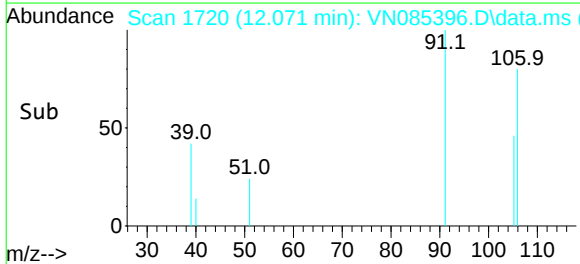
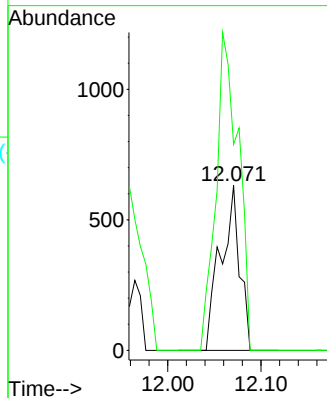
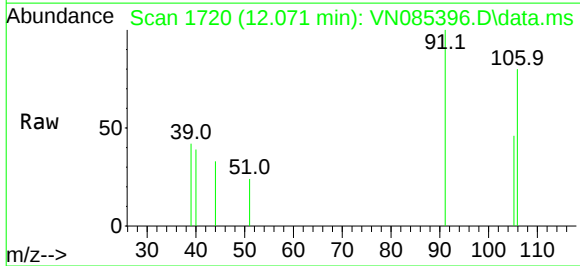
#67
m/p-Xylenes
Concen: 0.396 ug/l m
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085396.D
Acq: 07 Jan 2025 13:28

Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (JAN)

Tgt Ion:106 Resp: 894
Ion Ratio Lower Upper
106 100
91 0.0 167.0 250.4#

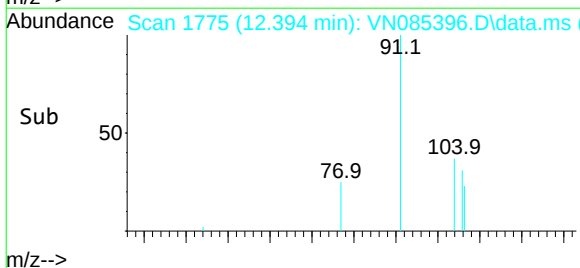
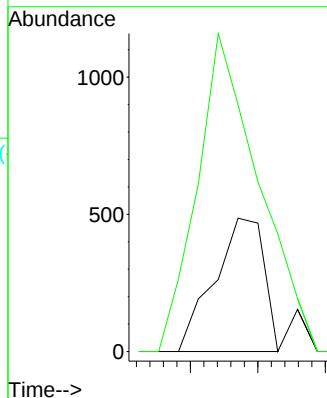
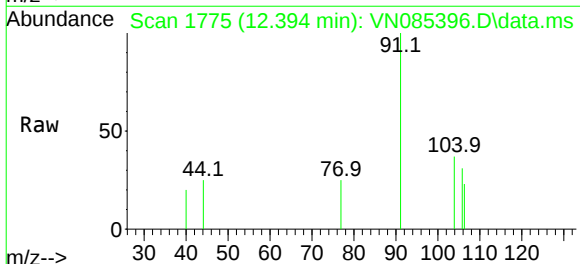
Manual Integrations
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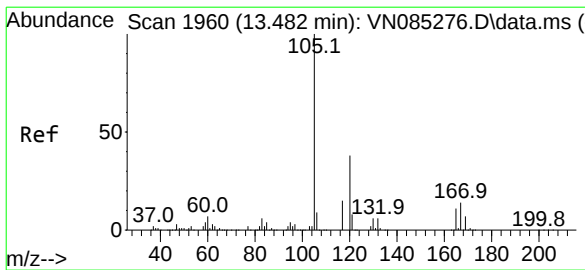
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#68
o-Xylene
Concen: 0.231 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085396.D
Acq: 07 Jan 2025 13:28

Tgt Ion:106 Resp: 497
Ion Ratio Lower Upper
106 100
91 296.4 110.6 331.8





#80

1,2,4-Trimethylbenzene

Concen: 0.824 ug/l

RT: 13.482 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN085396.D

Acq: 07 Jan 2025 13:28

Instrument :

MSVOA_N

ClientSampleId :

001 WILLETS PT BLVD (JAN)

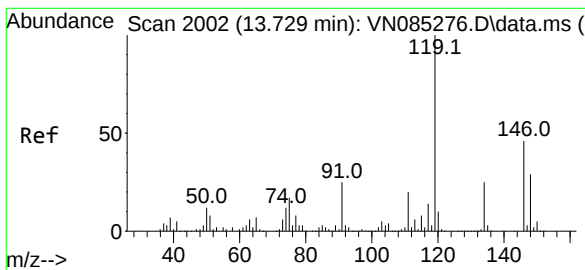
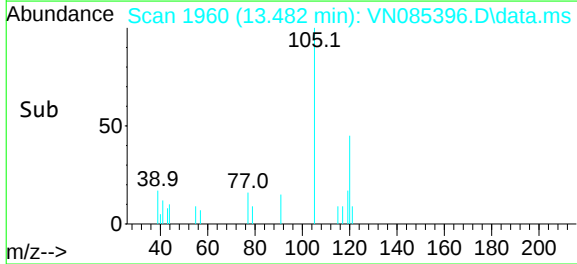
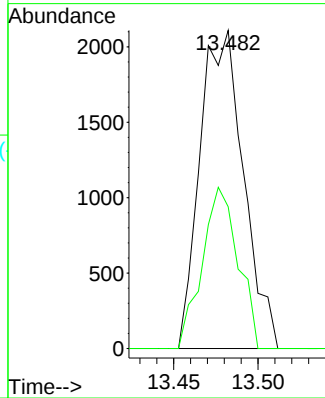
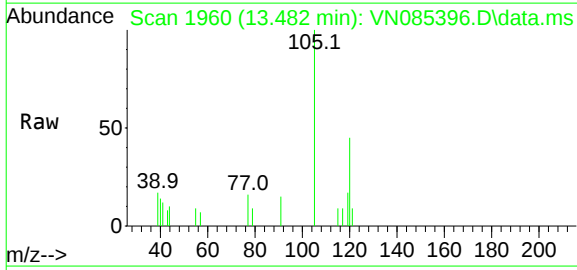
Tgt Ion:	105	Resp:	3778
Ion	Ratio	Lower	Upper
105	100		
120	41.9	0.0	89.8

Manual Integrations

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Reviewed By :John Carlone 01/08/2025

Supervised By :Mahesh Dadoda 01/08/2025



#82

p-Isopropyltoluene

Concen: 1.158 ug/l

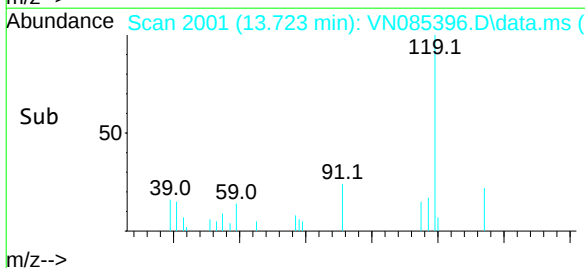
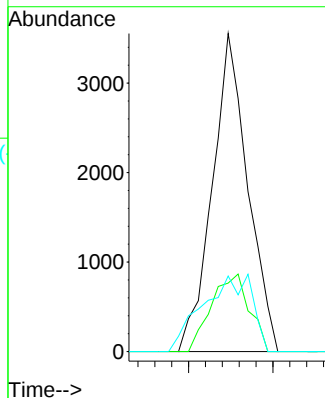
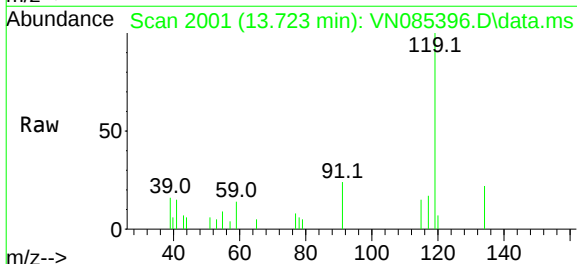
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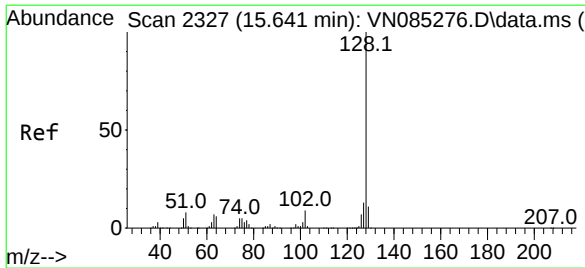
Delta R.T. -0.006 min

Lab File: VN085396.D

Acq: 07 Jan 2025 13:28

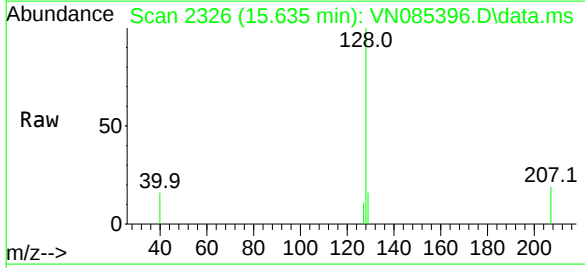
Tgt Ion:	119	Resp:	5185
Ion	Ratio	Lower	Upper
119	100		
134	26.1	0.0	51.4
91	25.2	0.0	51.4





#91
Naphthalene
Concen: 0.849 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085396.D
Acq: 07 Jan 2025 13:28

Instrument : MSVOA_N
ClientSampleId : 001 WILLETS PT BLVD (JAN)



Tgt Ion:	128	Resp:	3054
Ion Ratio	Lower	Upper	
128	100		
127	9.6	10.6	16.0
129	9.5	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

