

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
 Data File : VN085398.D
 Acq On : 07 Jan 2025 14:44
 Operator : JC\MD
 Sample : Q1013-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jan 08 04:18:48 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	27140	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	135904	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	130942	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	71377	29.896	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.667%		
60) 4-Bromofluorobenzene	12.847	95	54737	25.807	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	86.033%		
63) Toluene-d8	10.565	98	174984	27.367	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	91.233%		
Target Compounds						
15) Acetone	4.418	58	12425m	50.862	ug/l	Qvalue
30) 2-Butanone	7.483	43	10364	8.321	ug/l #	85
58) 4-Methyl-2-Pentanone	10.441	43	7956	2.997	ug/l	96
62) Toluene	10.624	91	488888	60.773	ug/l	99
67) m/p-Xylenes	12.059	106	1147	0.361	ug/l #	69
80) 1,2,4-Trimethylbenzene	13.476	105	4139	0.642	ug/l	90
82) p-Isopropyltoluene	13.729	119	5798	0.920	ug/l	88
91) Naphthalene	15.635	128	3322	0.656	ug/l #	86

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

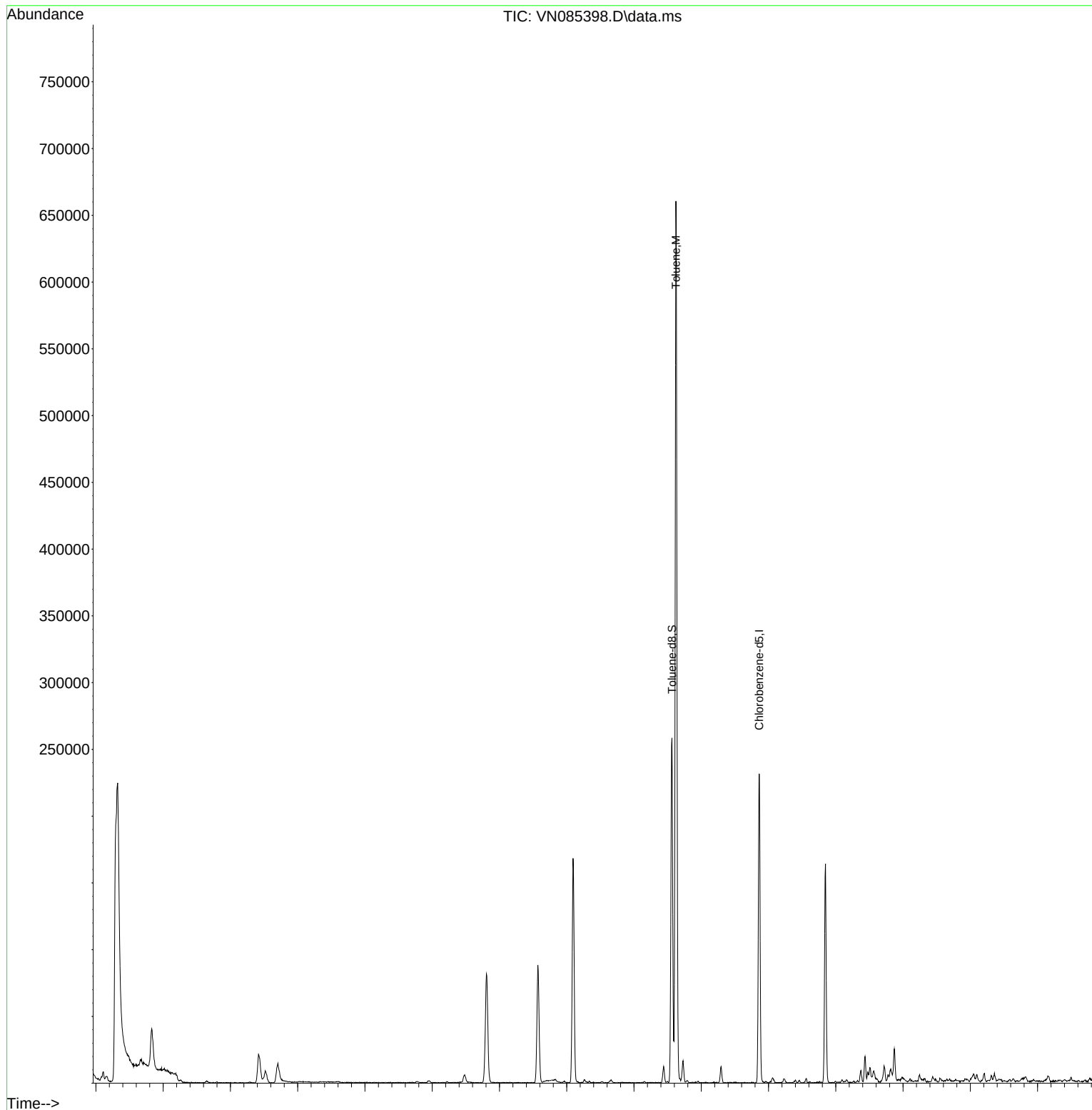
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
Data File : VN085398.D
Acq On : 07 Jan 2025 14:44
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ALS Vial : 11 Sample Multiplier: 1

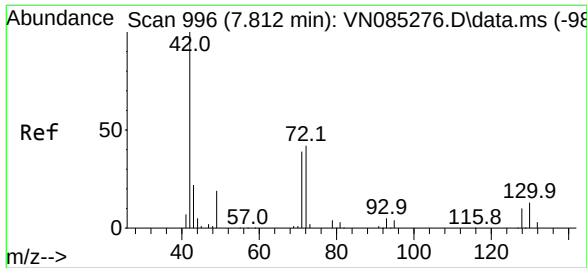
Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (JAN)

Quant Time: Jan 08 04:18:48 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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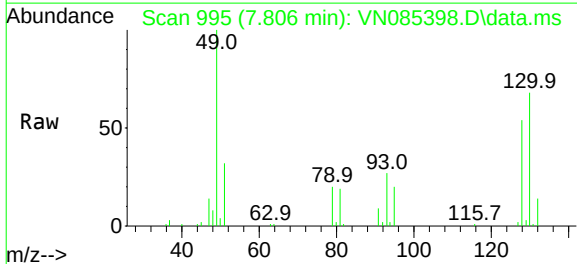
Reviewed By : John Carlone 01/08/2025
Supervised By : Mahesh Dadoda 01/08/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN085398.D
Acq: 07 Jan 2025 14:44

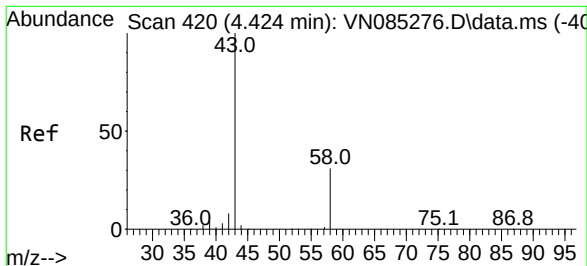
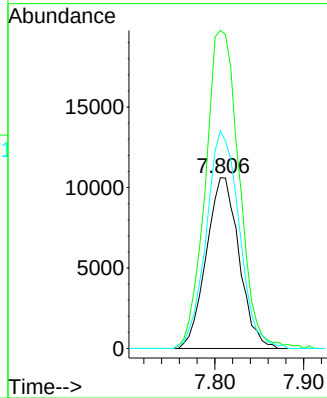
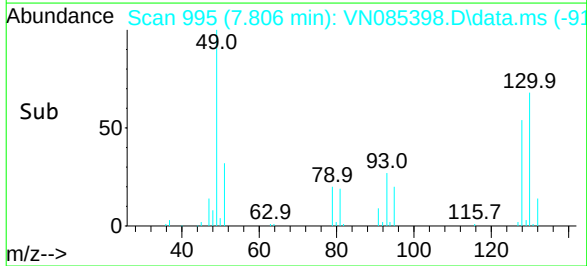
Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (JAN)



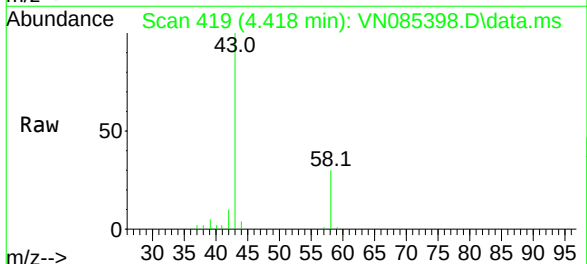
Tgt Ion:128 Resp: 27140
Ion Ratio Lower Upper
128 100
49 192.5 0.0 497.8
130 128.9 0.0 328.5

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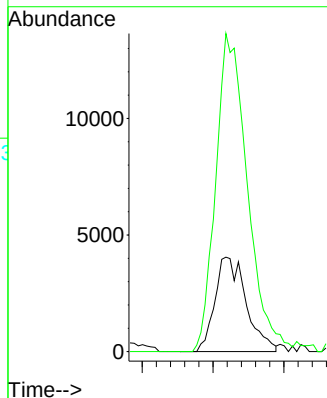
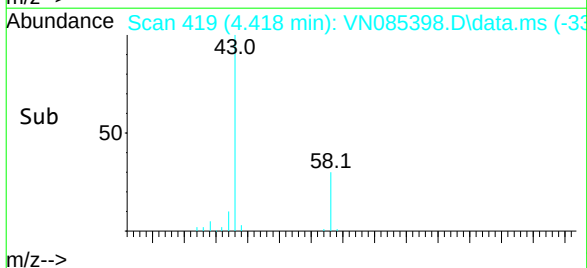
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

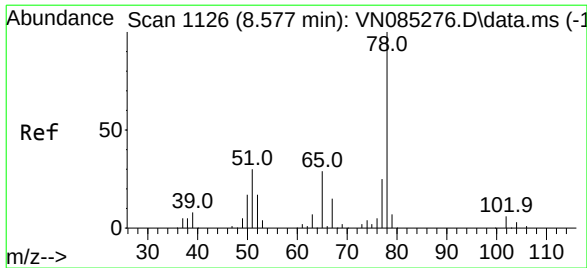


#15
Acetone
Concen: 50.862 ug/l m
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN085398.D
Acq: 07 Jan 2025 14:44



Tgt Ion: 58 Resp: 12425
Ion Ratio Lower Upper
58 100
43 336.9 258.8 388.2





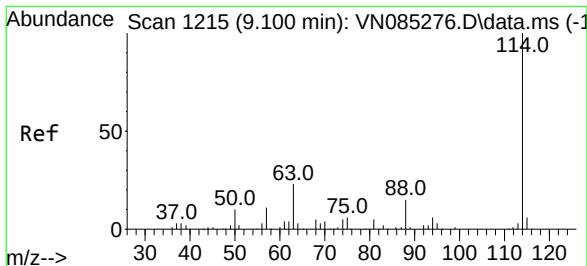
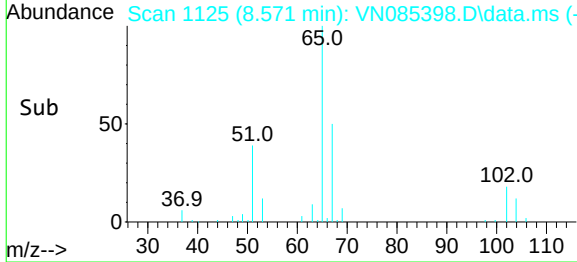
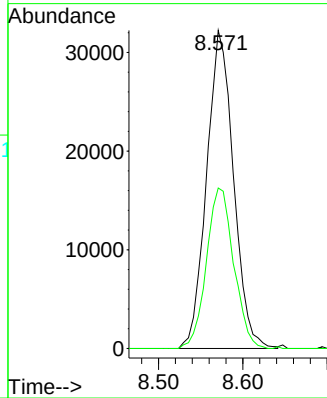
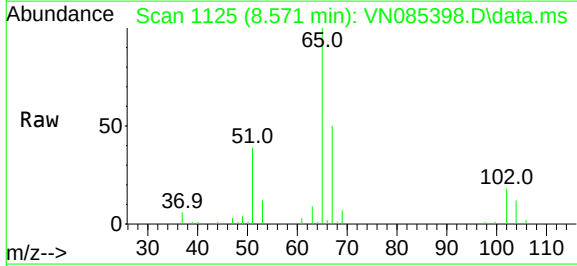
#27
1,2-Dichloroethane-d4
Concen: 29.896 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085398.D
Acq: 07 Jan 2025 14:44

Instrument :
MSVOA_N
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001 WILLETS PT BLVD (JAN)

Tgt Ion: 65 Resp: 71377
Ion Ratio Lower Upper
65 100
67 51.2 42.0 63.0

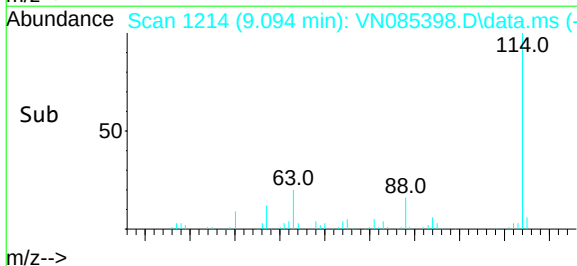
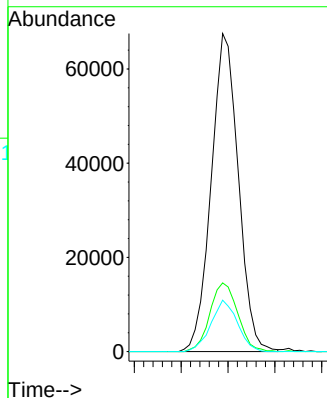
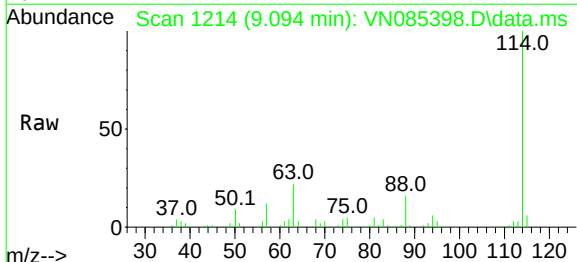
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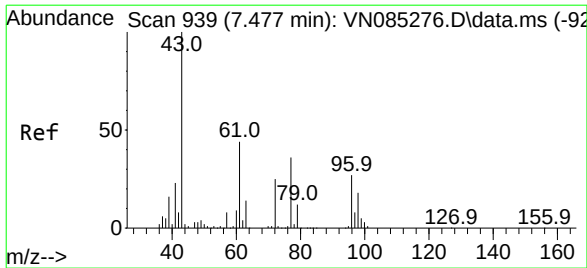
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085398.D
Acq: 07 Jan 2025 14:44

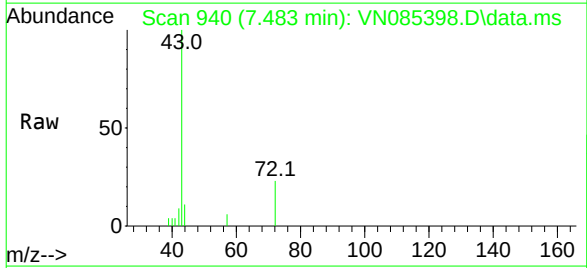
Tgt Ion:114 Resp: 135904
Ion Ratio Lower Upper
114 100
63 22.2 18.0 27.0
88 15.8 12.9 19.3





#30
2-Butanone
Concen: 8.321 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085398.D
Acq: 07 Jan 2025 14:44

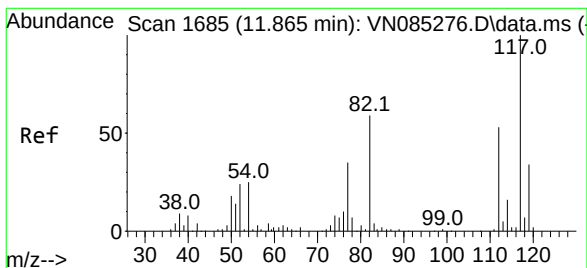
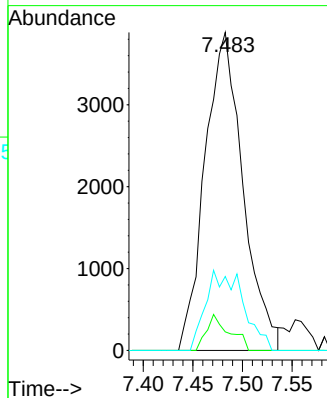
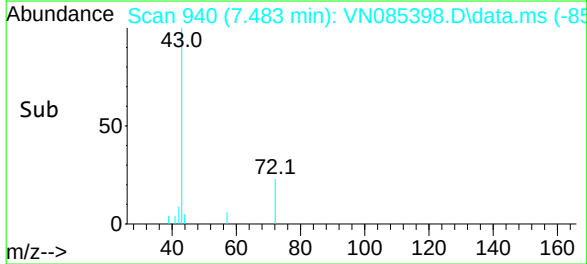
Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (JAN)



Tgt Ion: 43 Resp: 10364
Ion Ratio Lower Upper
43 100
57 6.1 6.2 9.2#
72 16.0 19.9 29.9#

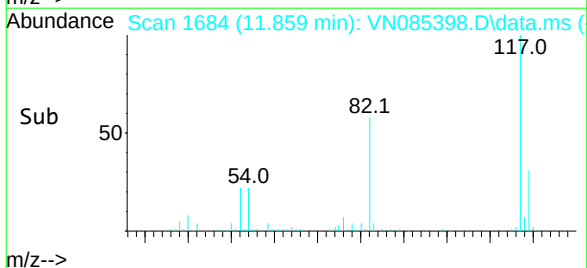
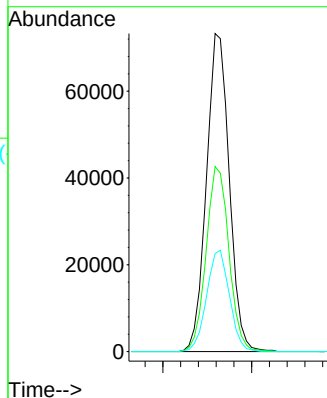
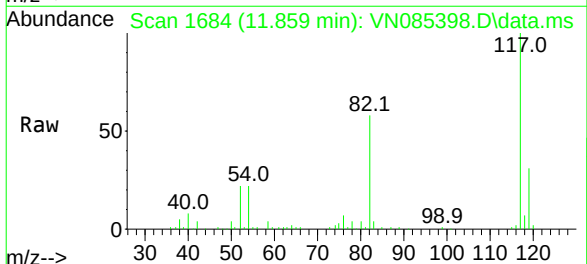
Manual Integrations
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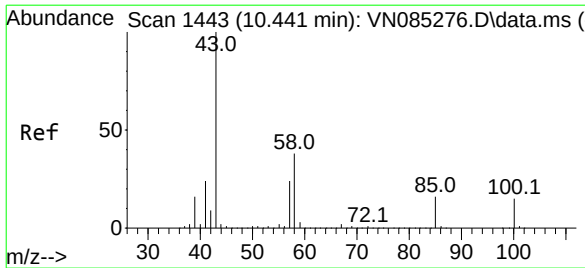
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN085398.D
Acq: 07 Jan 2025 14:44

Tgt Ion:117 Resp: 130942
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.0
119 31.9 25.3 37.9





#58

4-Methyl-2-Pentanone

Concen: 2.997 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN085398.D

Acq: 07 Jan 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

001 WILLETS PT BLVD (JAN)

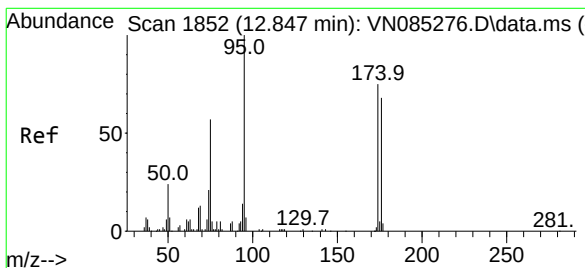
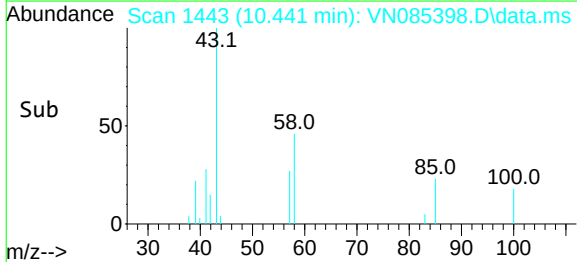
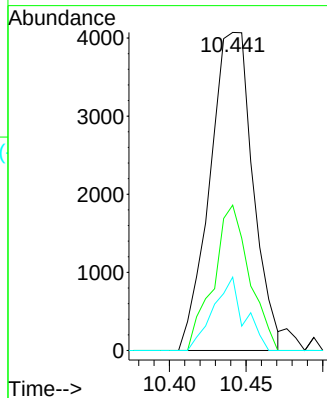
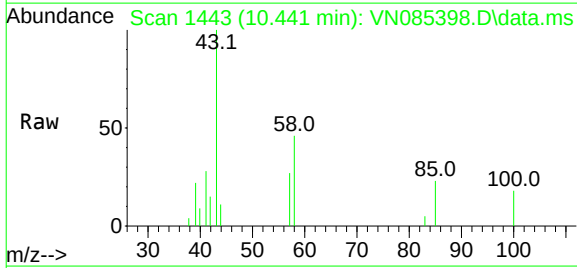
Tgt Ion: 43	Resp: 7956
Ion Ratio	Lower Upper
43 100	
58 38.1	29.2 43.8
85 13.6	12.8 19.2

Manual Integrations

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Supervised By :Mahesh Dadoda 01/08/2025



#60

4-Bromofluorobenzene

Concen: 25.807 ug/l

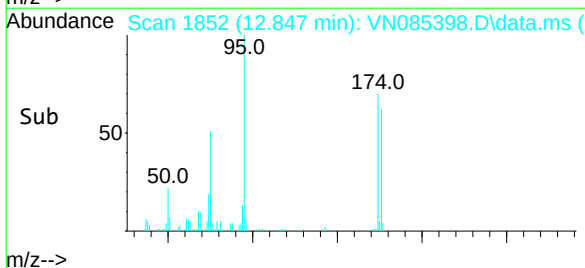
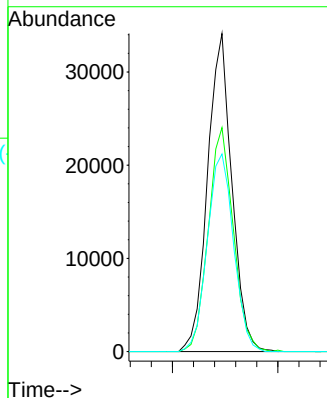
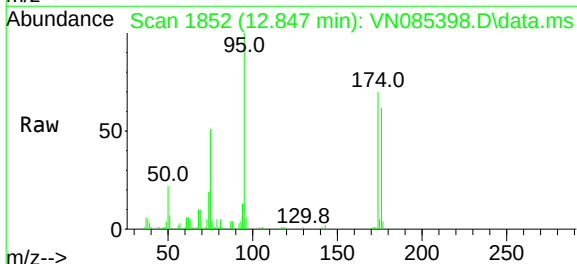
RT: 12.847 min Scan# 1852

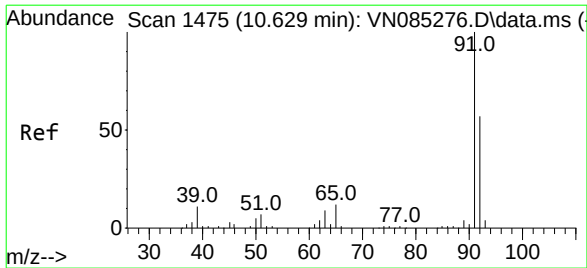
Delta R.T. 0.000 min

Lab File: VN085398.D

Acq: 07 Jan 2025 14:44

Tgt Ion: 95	Resp: 54737
Ion Ratio	Lower Upper
95 100	
174 72.4	57.8 86.8
176 67.2	57.1 85.7





#62

Toluene

Concen: 60.773 ug/l

RT: 10.624 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN085398.D

Acq: 07 Jan 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

001 WILLETS PT BLVD (JAN)

Tgt Ion: 91 Resp: 488888

Ion Ratio Lower Upper

91 100

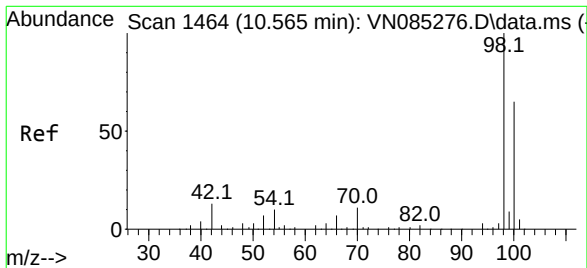
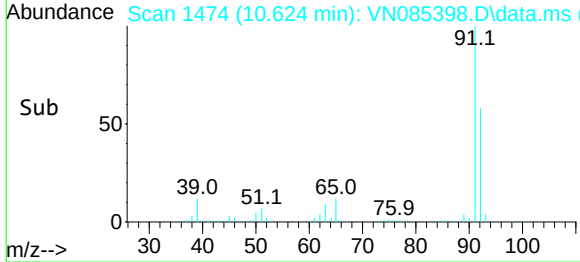
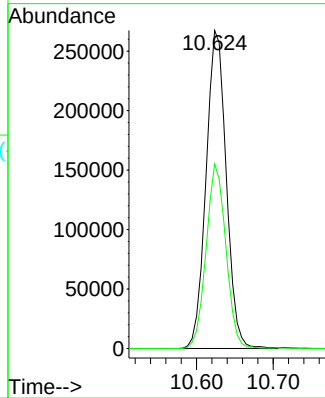
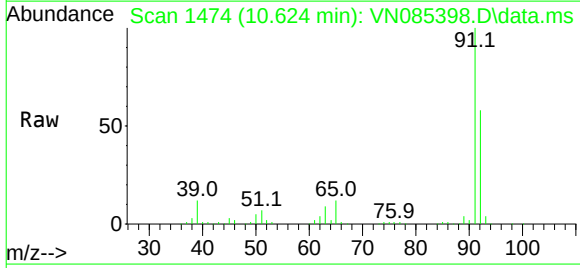
92 56.7 45.9 68.9

Manual Integrations

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Supervised By :Mahesh Dadoda 01/08/2025



#63

Toluene-d8

Concen: 27.367 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085398.D

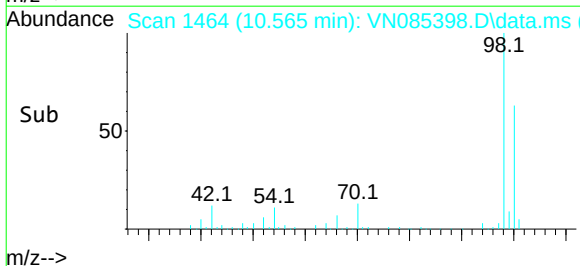
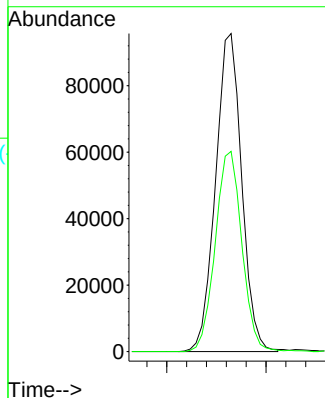
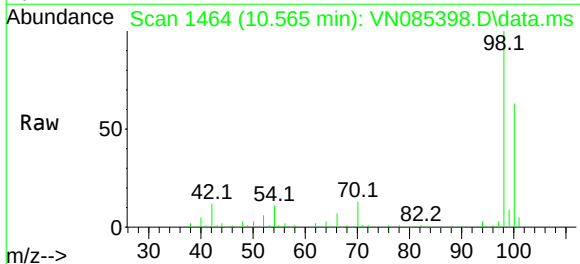
Acq: 07 Jan 2025 14:44

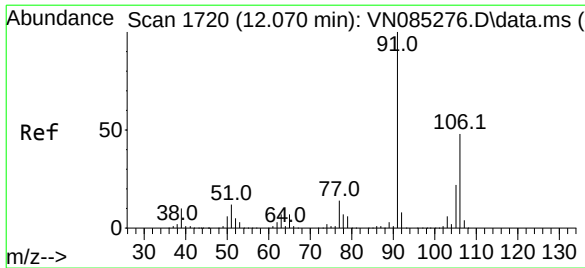
Tgt Ion: 98 Resp: 174984

Ion Ratio Lower Upper

98 100

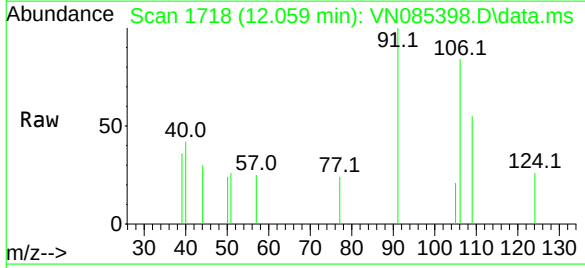
100 64.0 50.8 76.2





#67
m/p-Xylenes
Concen: 0.361 ug/l
RT: 12.059 min Scan# 1717
Delta R.T. -0.012 min
Lab File: VN085398.D
Acq: 07 Jan 2025 14:44

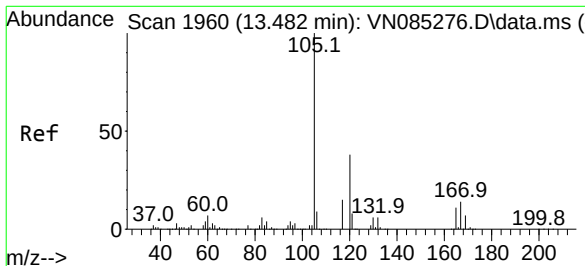
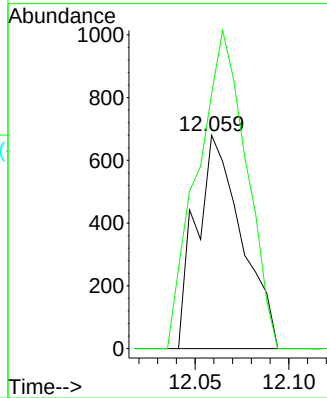
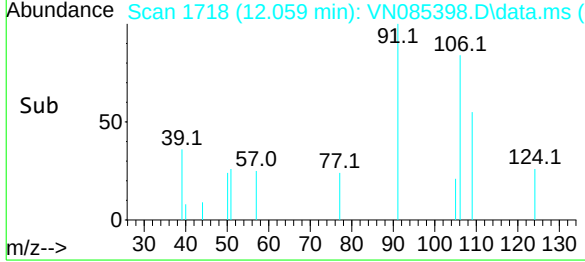
Instrument :
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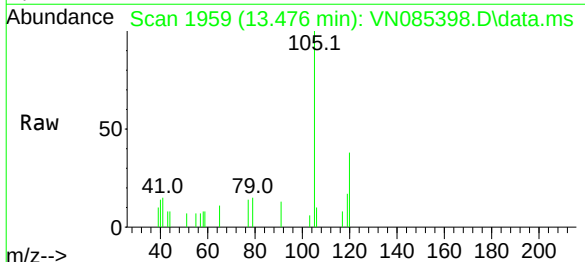
Tgt Ion:106 Resp: 1147
Ion Ratio Lower Upper
106 100
91 160.5 167.0 250.4#

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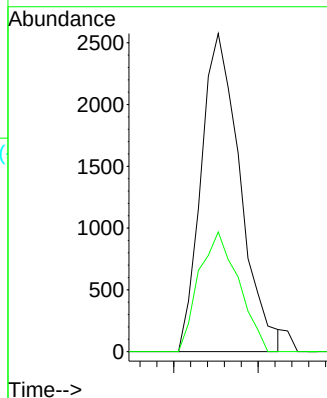
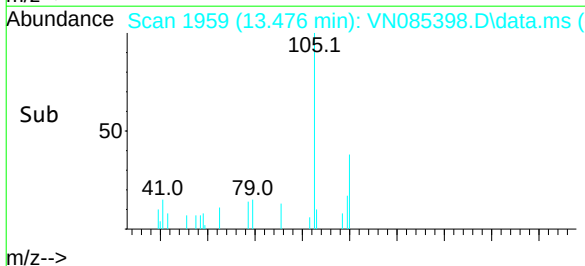
Reviewed By :John Carlone 01/08/2025
Supervised By :Mahesh Dadoda 01/08/2025

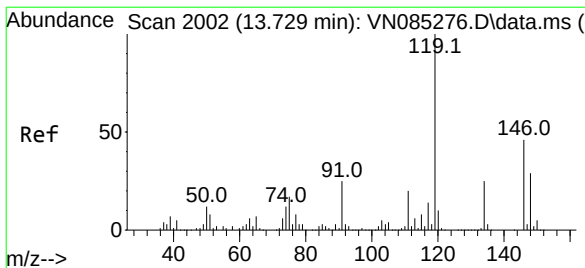


#80
1,2,4-Trimethylbenzene
Concen: 0.642 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085398.D
Acq: 07 Jan 2025 14:44



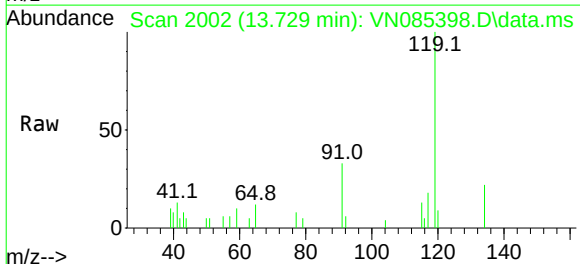
Tgt Ion:105 Resp: 4139
Ion Ratio Lower Upper
105 100
120 38.2 0.0 89.8





#82
p-Isopropyltoluene
Concen: 0.920 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085398.D
Acq: 07 Jan 2025 14:44

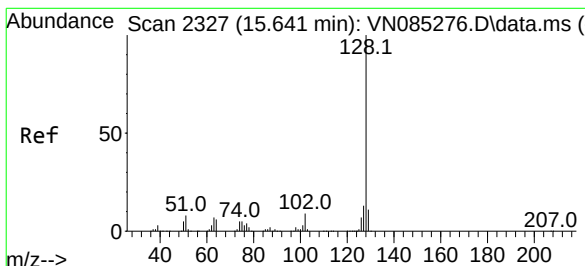
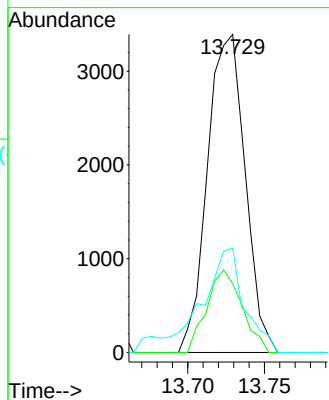
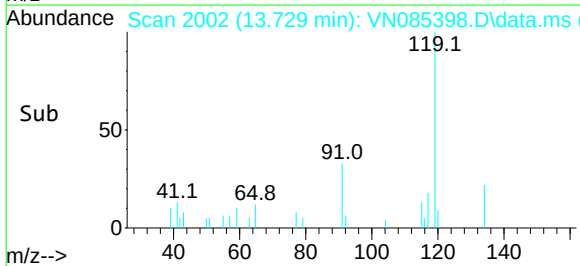
Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (JAN)



Tgt Ion:119 Resp: 5798
Ion Ratio Lower Upper
119 100
134 24.2 0.0 51.4
91 36.4 0.0 51.4

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



#91
Naphthalene
Concen: 0.656 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085398.D
Acq: 07 Jan 2025 14:44

Tgt Ion:128 Resp: 3322
Ion Ratio Lower Upper
128 100
127 6.6 10.6 16.0#
129 6.4 8.6 13.0#

