

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
 Data File : VN085394.D
 Acq On : 07 Jan 2025 12:41
 Operator : JC\MD
 Sample : Q1012-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 07 13:12:30 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 01/07/2025
 Supervised By : Mahesh Dadoda 01/08/2025

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

Internal Standards						
1) Bromochloromethane	7.806	128	22808	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	111854	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	108816	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	61656	30.730	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.433%			
60) 4-Bromofluorobenzene	12.847	95	43943	24.930	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 83.100%			
63) Toluene-d8	10.565	98	144373	27.171	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 90.567%#			
Target Compounds						
15) Acetone	4.424	58	13619	66.338	ug/l	92
16) Carbon Disulfide	4.712	76	11511m	2.688	ug/l	
30) 2-Butanone	7.483	43	10677	10.415	ug/l #	91
62) Toluene	10.624	91	531205	79.460	ug/l	99
67) m/p-Xylenes	12.071	106	1009	0.382	ug/l	85
80) 1,2,4-Trimethylbenzene	13.470	105	4020	0.750	ug/l	93
82) p-Isopropyltoluene	13.723	119	5998	1.145	ug/l	91

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

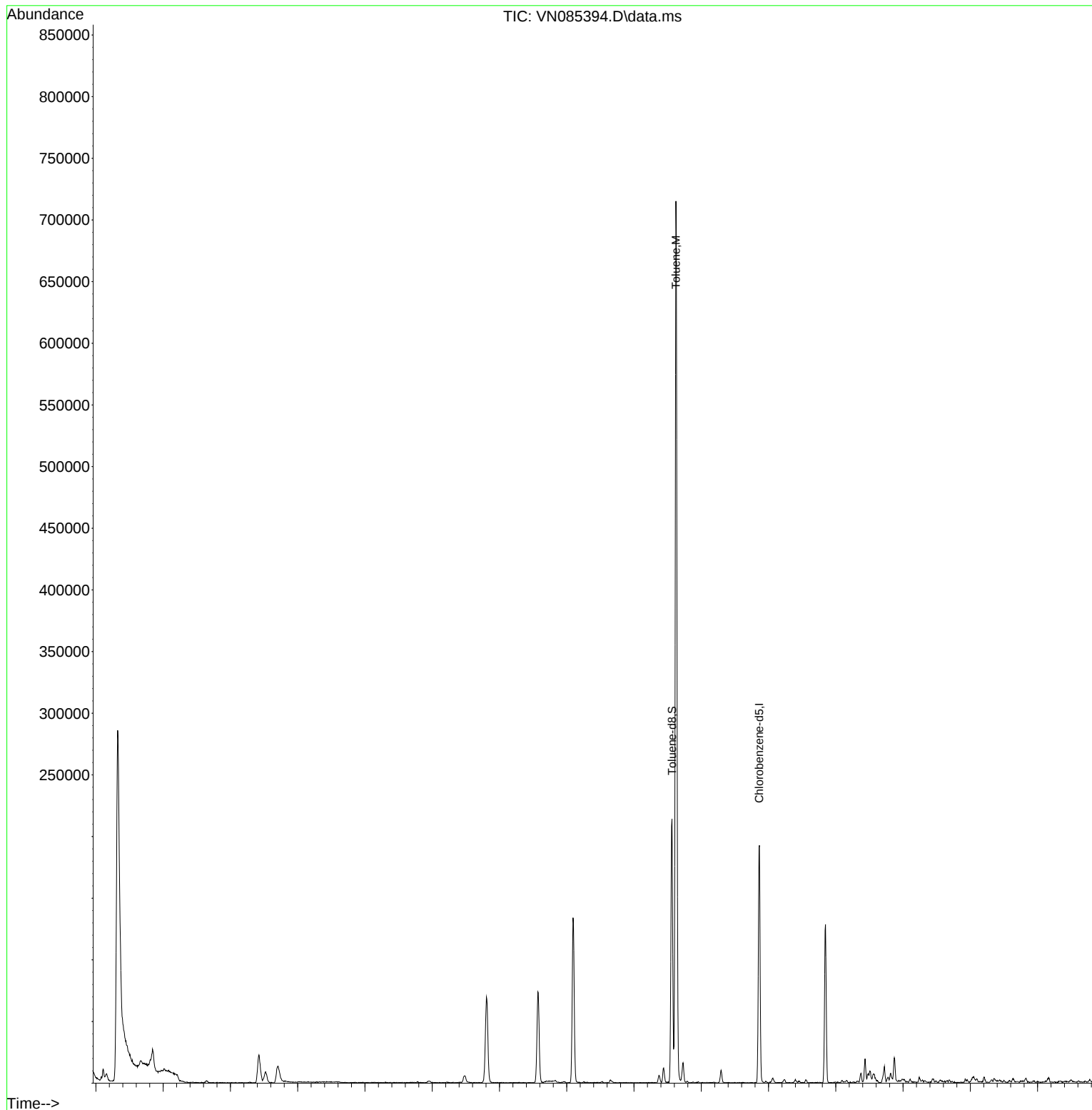
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
Data File : VN085394.D
Acq On : 07 Jan 2025 12:41
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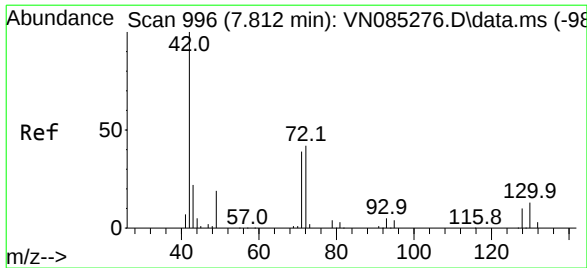
Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (DEC)

Quant Time: Jan 07 13:12:30 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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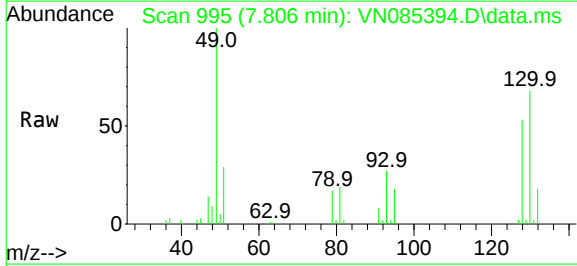
Reviewed By : John Carlone 01/07/2025
Supervised By : Mahesh Dadoda 01/08/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN085394.D
Acq: 07 Jan 2025 12:41

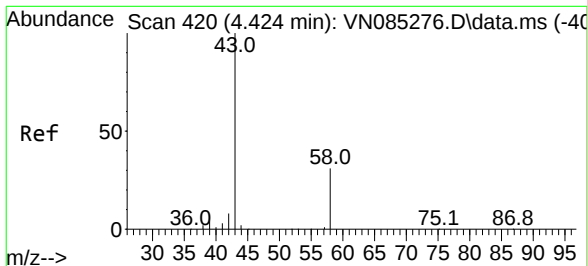
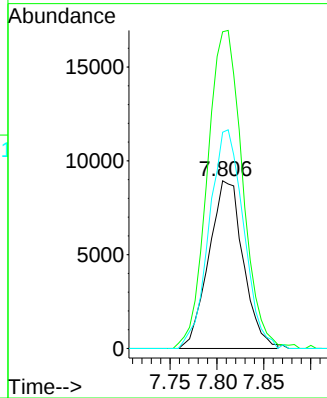
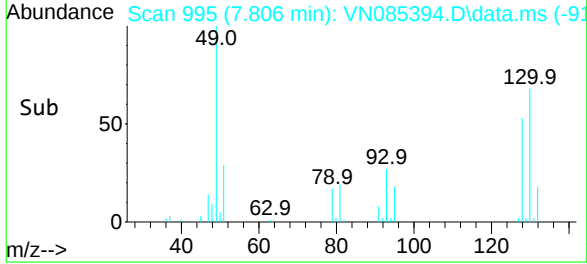
Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (DEC)



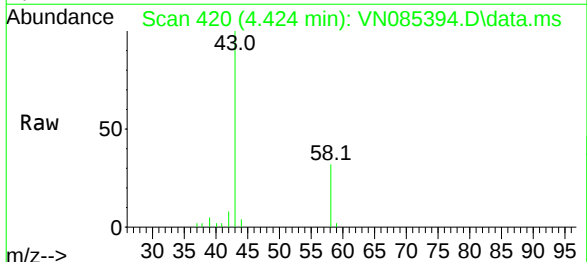
Tgt Ion: 128 Resp: 22808
Ion Ratio Lower Upper
128 100
49 193.2 0.0 497.8
130 130.3 0.0 328.5

Manual Integrations
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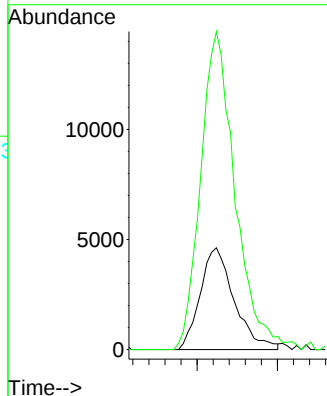
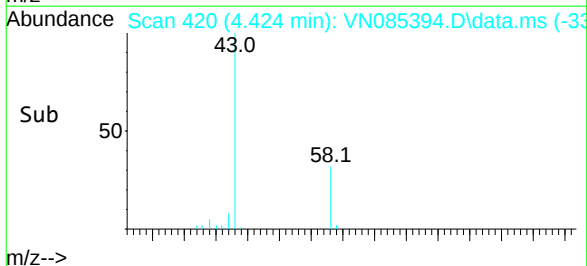
Reviewed By : John Carlone 01/07/2025
Supervised By : Mahesh Dadoda 01/08/2025

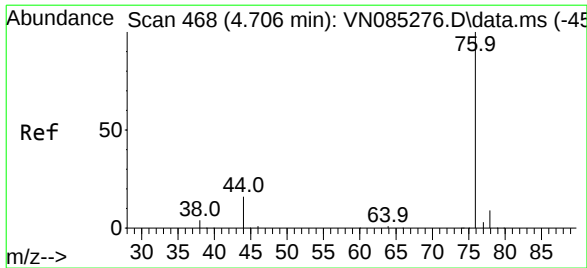


#15
Acetone
Concen: 66.338 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN085394.D
Acq: 07 Jan 2025 12:41



Tgt Ion: 58 Resp: 13619
Ion Ratio Lower Upper
58 100
43 306.3 258.8 388.2





#16

Carbon Disulfide

Concen: 2.688 ug/l m

RT: 4.712 min Scan# 468

Delta R.T. 0.000 min

Lab File: VN085394.D

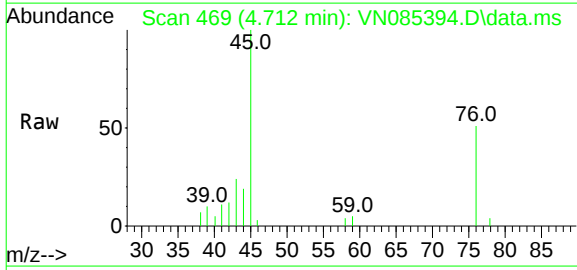
Acq: 07 Jan 2025 12:41

Instrument :

MSVOA_N

ClientSampleId :

001 WILLETS PT BLVD (DEC)



Tgt Ion: 76 Resp: 11511

Ion Ratio Lower Upper

76 100

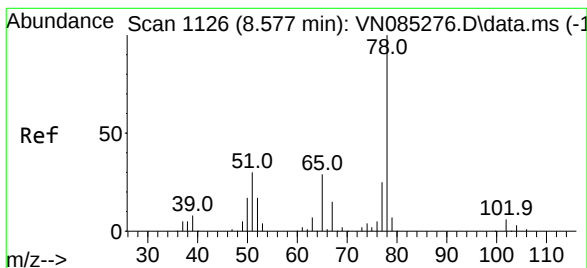
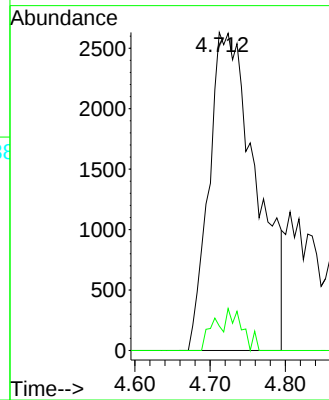
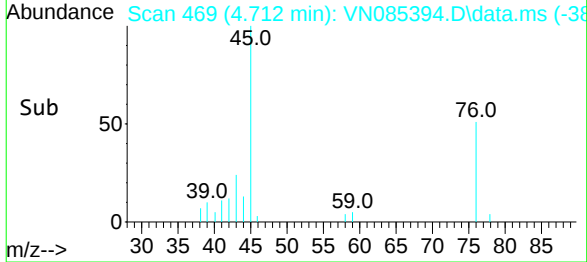
78 7.7 6.6 9.8

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 30.730 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085394.D

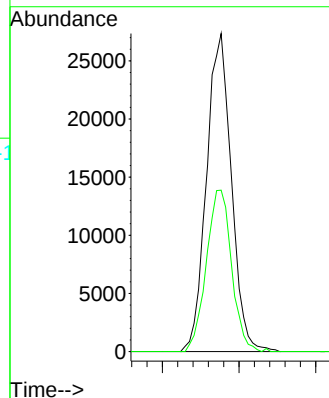
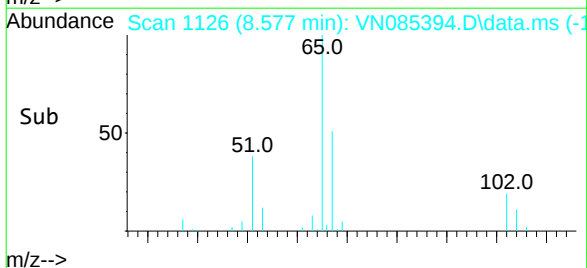
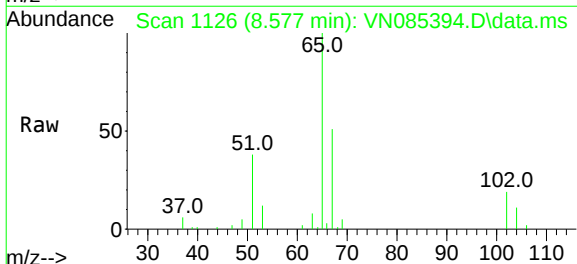
Acq: 07 Jan 2025 12:41

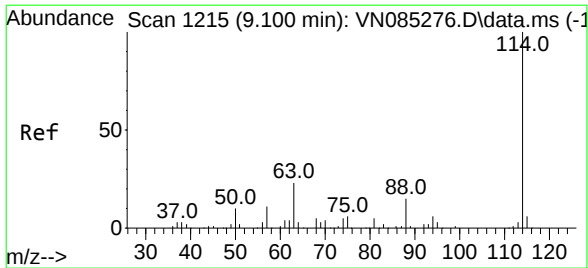
Tgt Ion: 65 Resp: 61656

Ion Ratio Lower Upper

65 100

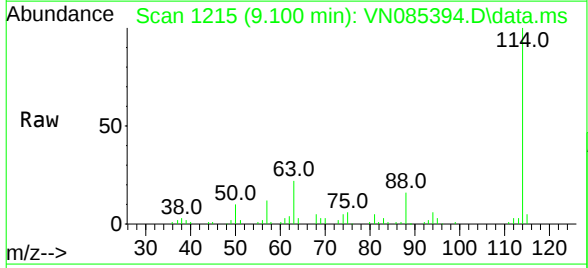
67 51.4 42.0 63.0





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085394.D
Acq: 07 Jan 2025 12:41

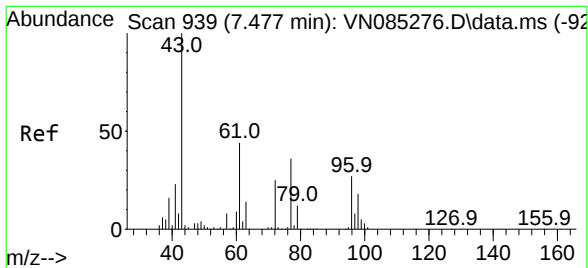
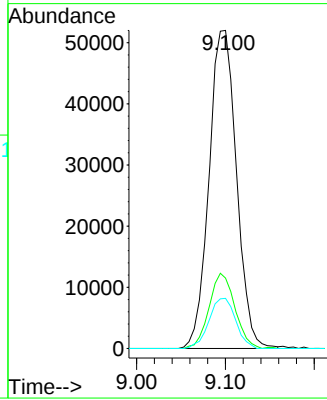
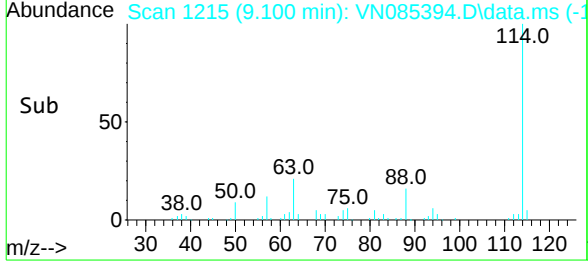
Instrument :
MSVOA_N
ClientSampleId :
001 WILLETS PT BLVD (DEC)



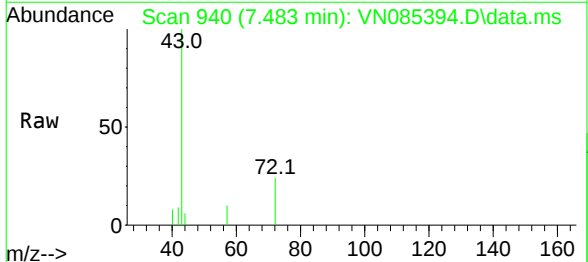
Tgt Ion: 114 Resp: 111854
Ion Ratio Lower Upper
114 100
63 22.2 18.0 27.0
88 15.3 12.9 19.3

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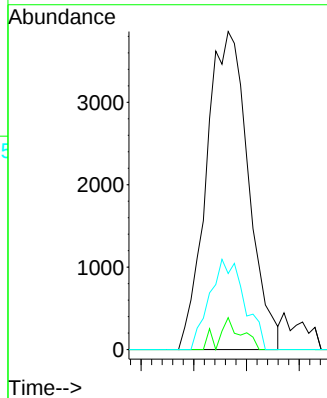
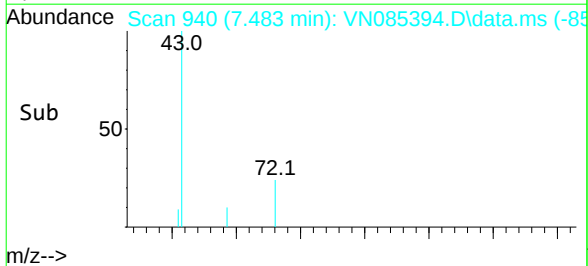
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/08/2025

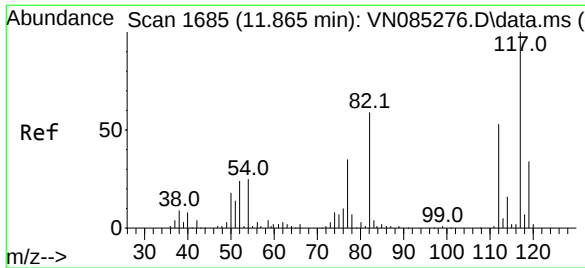


#30
2-Butanone
Concen: 10.415 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085394.D
Acq: 07 Jan 2025 12:41



Tgt Ion: 43 Resp: 10677
Ion Ratio Lower Upper
43 100
57 3.2 6.2 9.2#
72 21.0 19.9 29.9





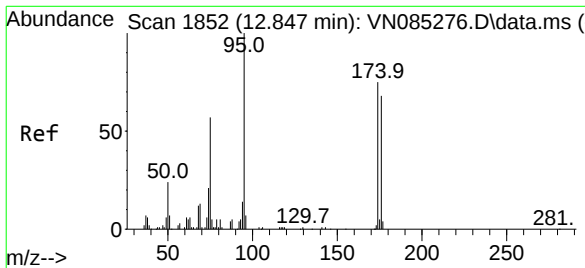
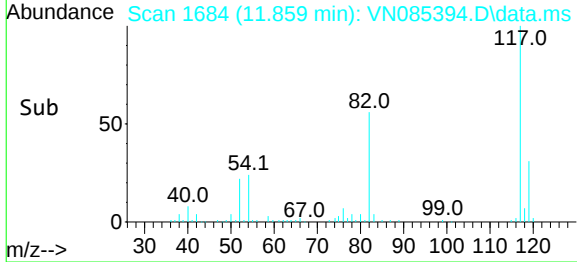
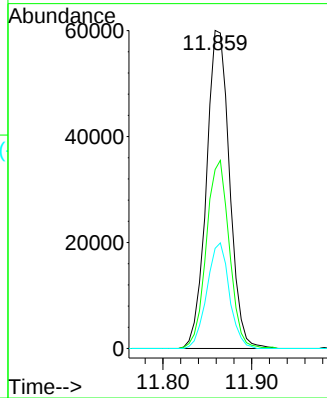
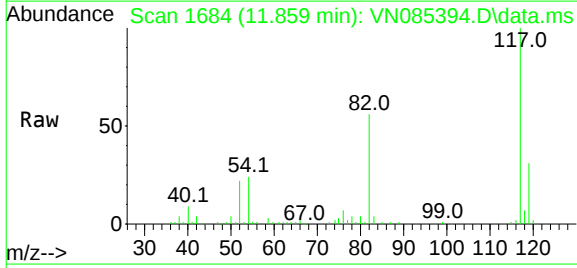
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN085394.D
Acq: 07 Jan 2025 12:41

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

Tgt Ion: 117 Resp: 108816
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.0
119 32.3 25.3 37.9

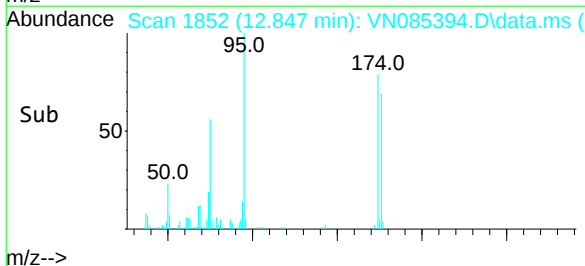
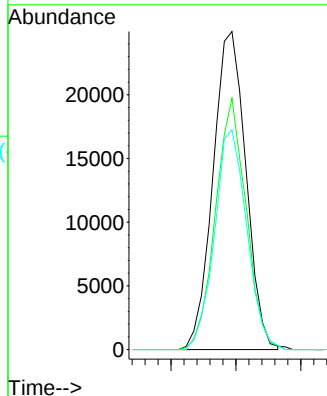
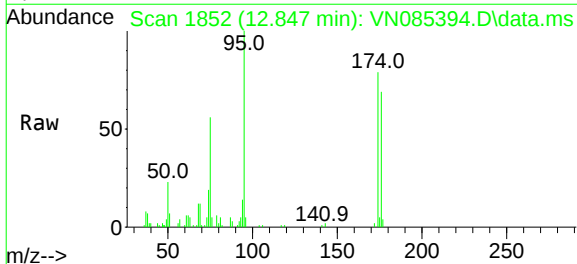
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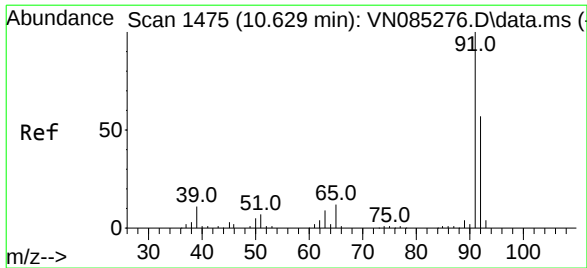
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/08/2025



#60
4-Bromofluorobenzene
Concen: 24.930 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085394.D
Acq: 07 Jan 2025 12:41

Tgt Ion: 95 Resp: 43943
Ion Ratio Lower Upper
95 100
174 73.4 57.8 86.8
176 67.8 57.1 85.7





#62

Toluene

Concen: 79.460 ug/l

RT: 10.624 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN085394.D

Acq: 07 Jan 2025 12:41

Instrument :

MSVOA_N

ClientSampleId :

001 WILLETS PT BLVD (DEC)

Tgt Ion: 91 Resp: 531205

Ion Ratio Lower Upper

91 100

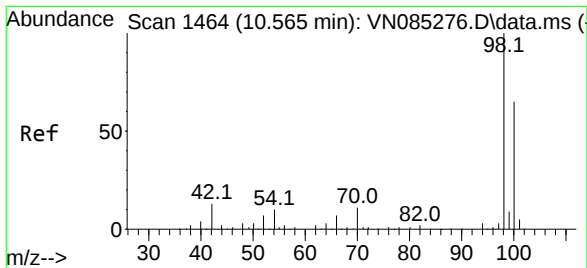
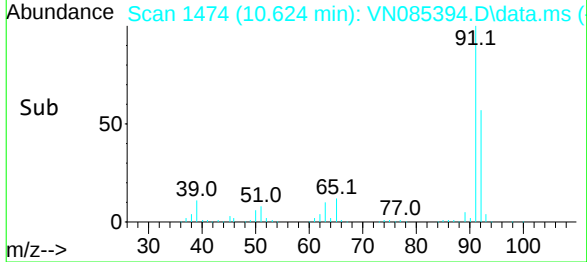
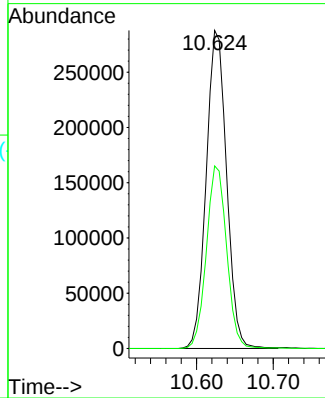
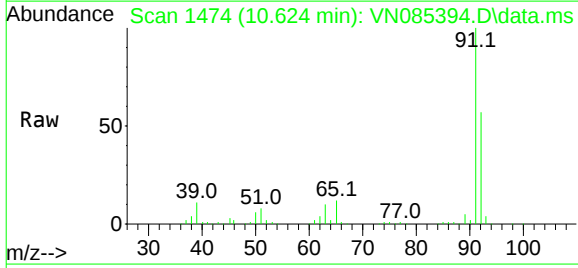
92 57.0 45.9 68.9

Manual Integrations

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#63

Toluene-d8

Concen: 27.171 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085394.D

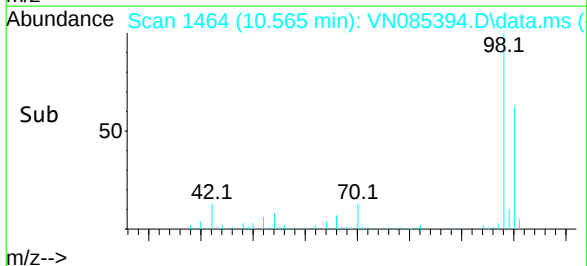
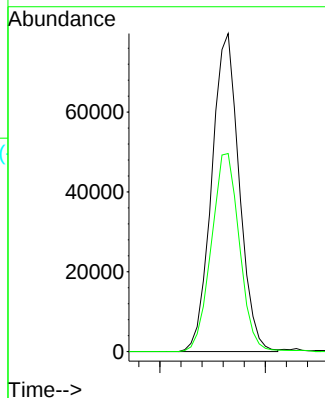
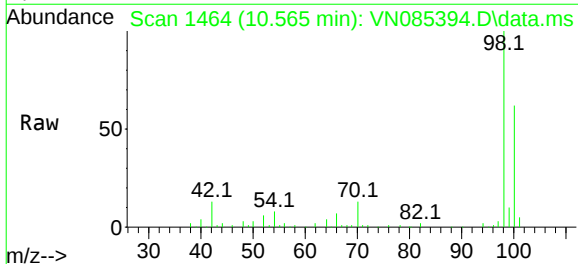
Acq: 07 Jan 2025 12:41

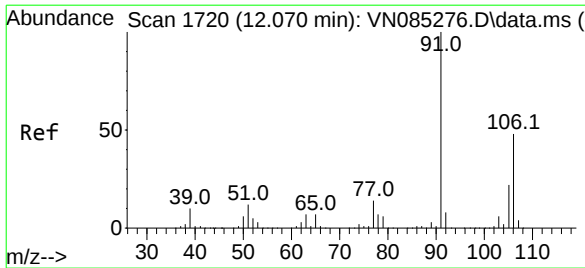
Tgt Ion: 98 Resp: 144373

Ion Ratio Lower Upper

98 100

100 63.7 50.8 76.2





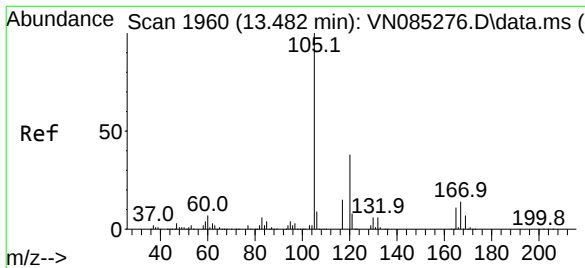
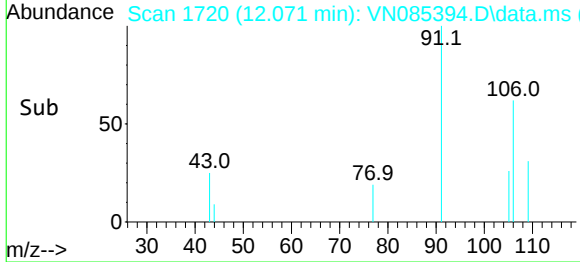
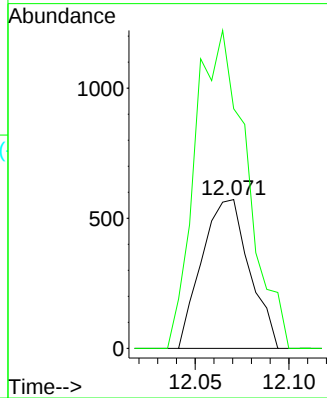
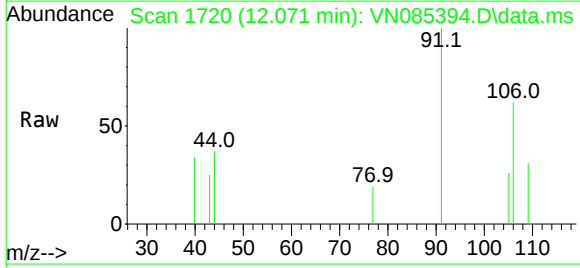
#67
m/p-Xylenes
Concen: 0.382 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085394.D
Acq: 07 Jan 2025 12:41

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

Tgt Ion:106 Resp: 1009
Ion Ratio Lower Upper
106 100
91 231.6 167.0 250.4

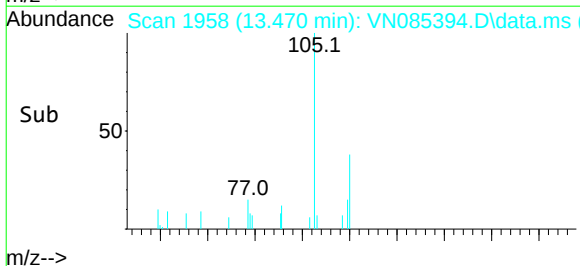
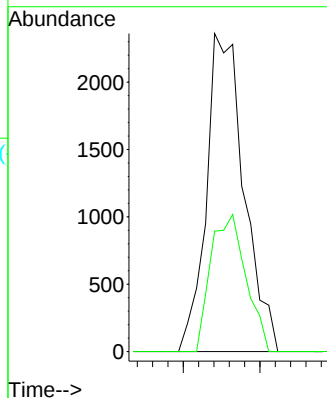
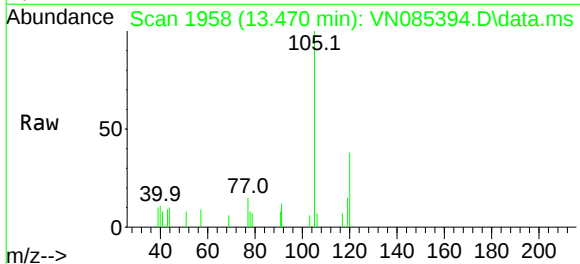
Manual Integrations
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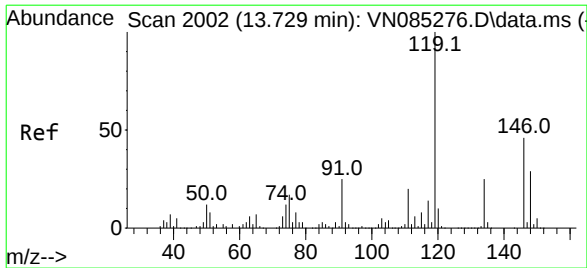
Reviewed By :John Carlone 01/07/2025
Supervised By :Mahesh Dadoda 01/08/2025



#80
1,2,4-Trimethylbenzene
Concen: 0.750 ug/l
RT: 13.470 min Scan# 1958
Delta R.T. -0.012 min
Lab File: VN085394.D
Acq: 07 Jan 2025 12:41

Tgt Ion:105 Resp: 4020
Ion Ratio Lower Upper
105 100
120 40.3 0.0 89.8





#82
 p-Isopropyltoluene
 Concen: 1.145 ug/l
 RT: 13.723 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN085394.D
 Acq: 07 Jan 2025 12:41

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

Tgt Ion:	119	Resp:	5998
Ion Ratio	Lower	Upper	
119	100		
134	21.0	0.0	51.4
91	29.7	0.0	51.4

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