

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
 Data File : VN086031.D
 Acq On : 20 Mar 2025 17:57
 Operator : JC\MD
 Sample : Q1575-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2025
 Supervised By : Mahesh Dadoda 03/21/2025

Quant Time: Mar 21 01:23:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	157894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112839	52.189	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.380%			
35) Dibromofluoromethane	8.159	113	95712	48.482	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.960%			
50) Toluene-d8	10.565	98	375430	52.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.800%			
62) 4-Bromofluorobenzene	12.847	95	140210	54.872	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.740%			
Target Compounds						
16) Acetone	4.424	43	3261m	4.937	ug/l	
39) Methylcyclohexane	9.600	83	17750	6.882	ug/l #	65
73) Isopropylbenzene	12.694	105	8915	1.109	ug/l	98
78) n-propylbenzene	13.035	91	24449	2.686	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	2551	0.373	ug/l	86
89) n-Butylbenzene	14.053	91	4681	0.897	ug/l #	62

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

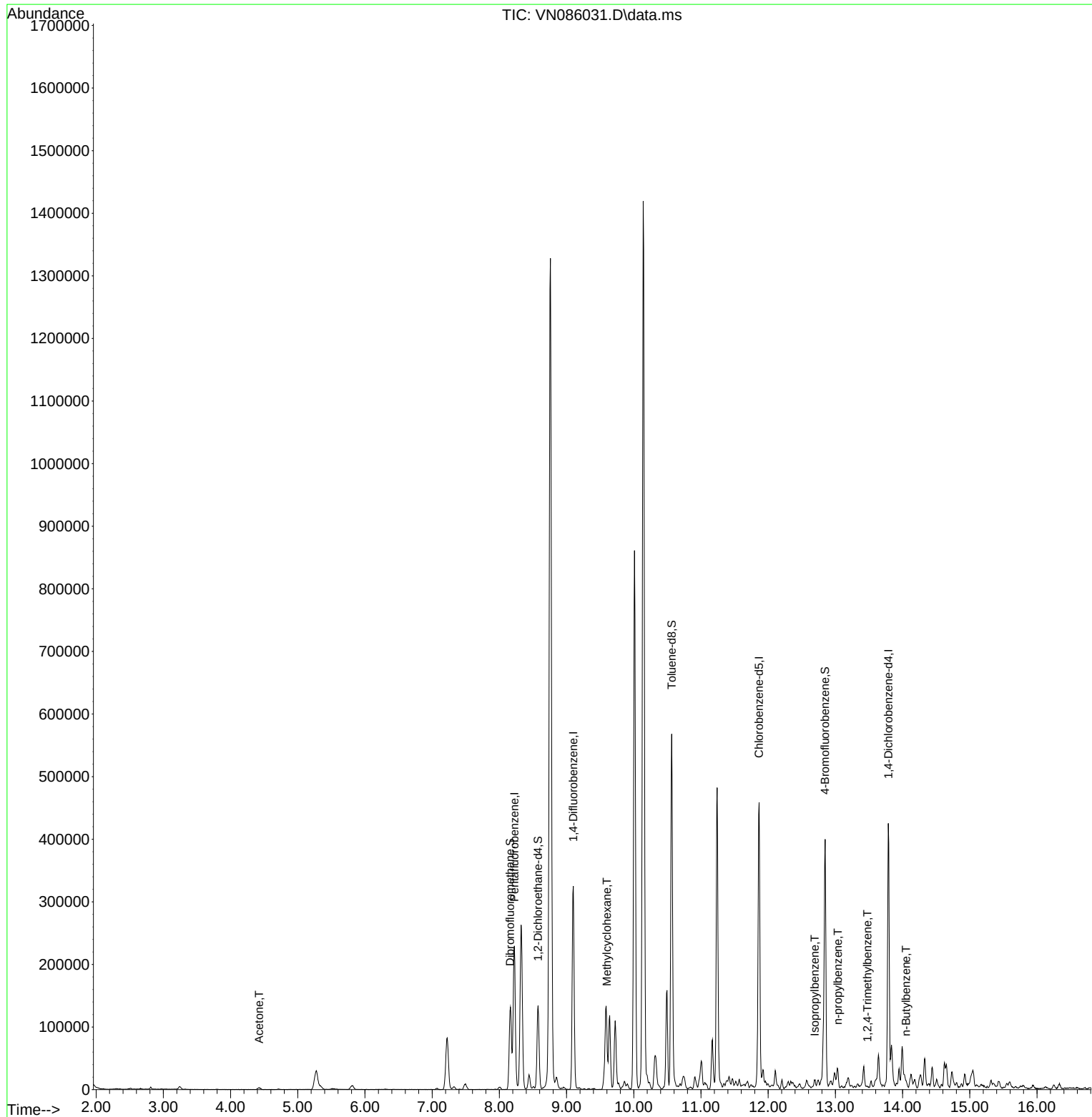
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
Data File : VN086031.D
Acq On : 20 Mar 2025 17:57
Operator : JC\MD
Sample : Q1575-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

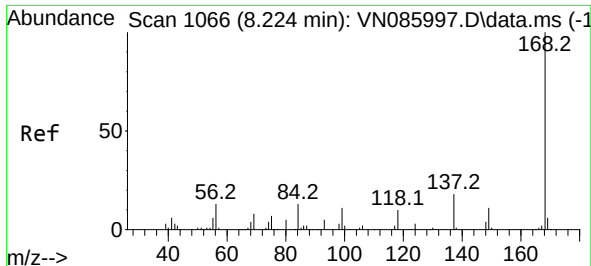
Instrument :
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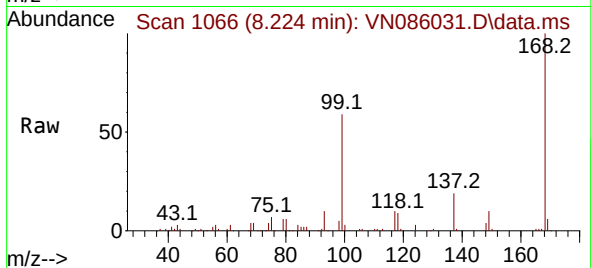
Quant Time: Mar 21 01:23:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086031.D
Acq: 20 Mar 2025 17:57

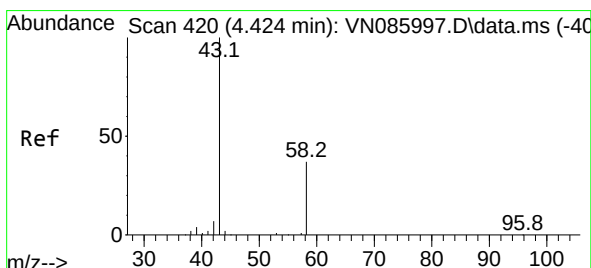
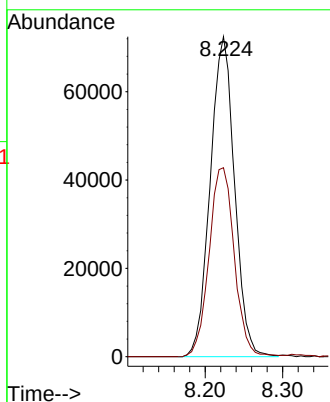
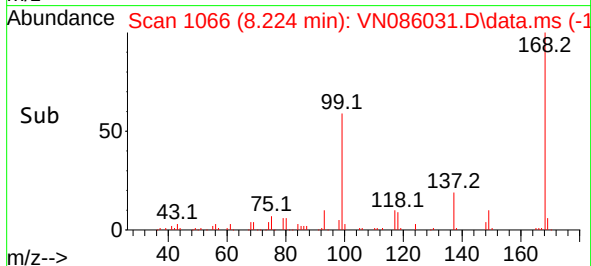
Instrument :
MSVOA_N
ClientSampleId :
MW3



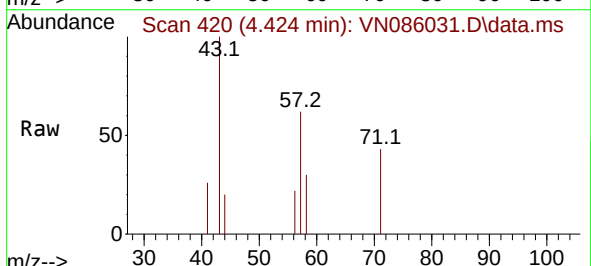
Tgt Ion:168 Resp: 157894
Ion Ratio Lower Upper
168 100
99 59.0 49.4 74.2

Manual Integrations
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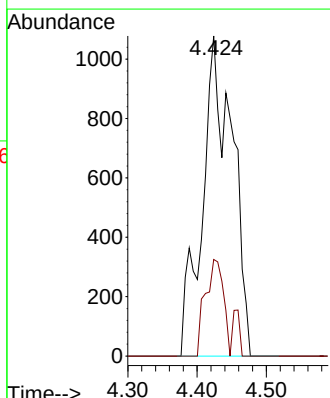
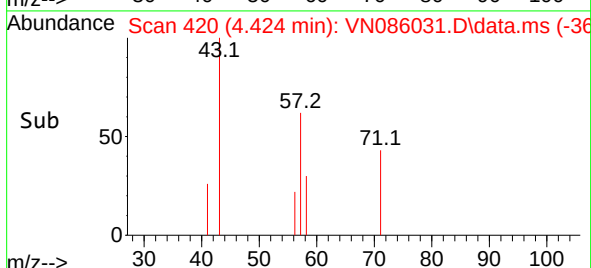
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

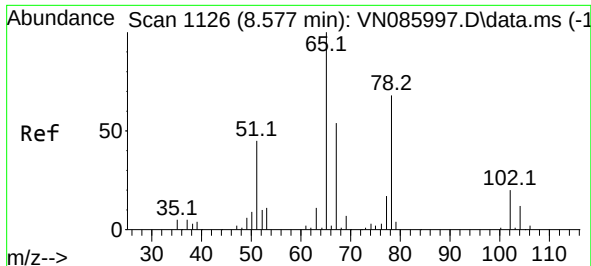


#16
Acetone
Concen: 4.937 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086031.D
Acq: 20 Mar 2025 17:57



Tgt Ion: 43 Resp: 3261
Ion Ratio Lower Upper
43 100
58 30.1 29.4 44.2





#33

1,2-Dichloroethane-d4

Concen: 52.189 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086031.D

Acq: 20 Mar 2025 17:57

Instrument :

MSVOA_N

ClientSampleId :

MW3

Tgt Ion: 65 Resp: 112839

Ion Ratio Lower Upper

65 100

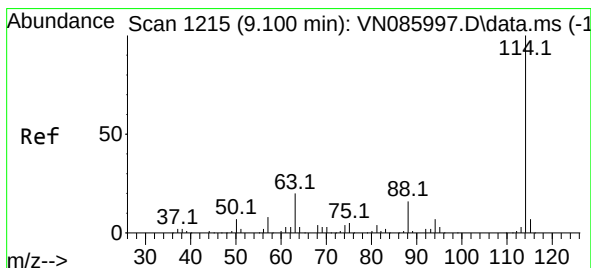
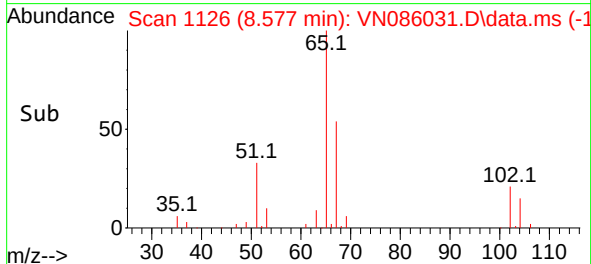
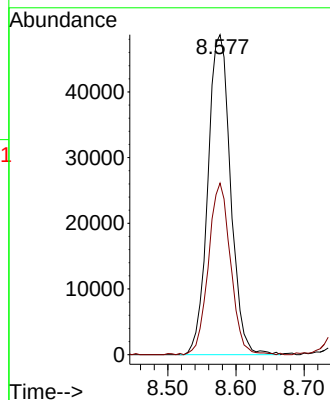
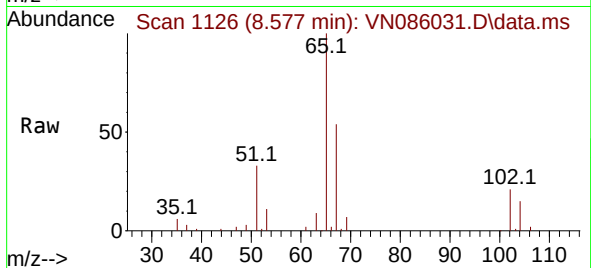
67 52.2 0.0 102.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086031.D

Acq: 20 Mar 2025 17:57

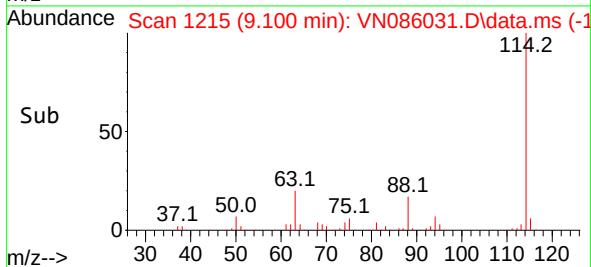
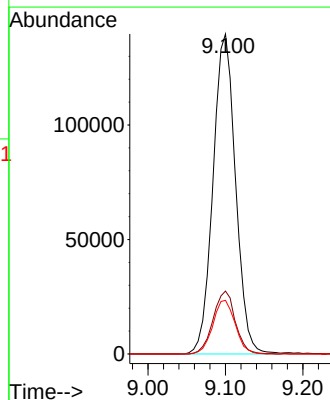
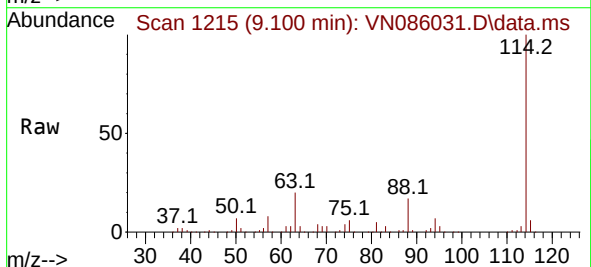
Tgt Ion:114 Resp: 282837

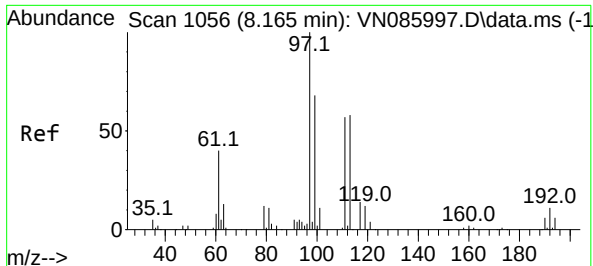
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.482 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086031.D

Acq: 20 Mar 2025 17:57

Instrument :

MSVOA_N

ClientSampleId :

MW3

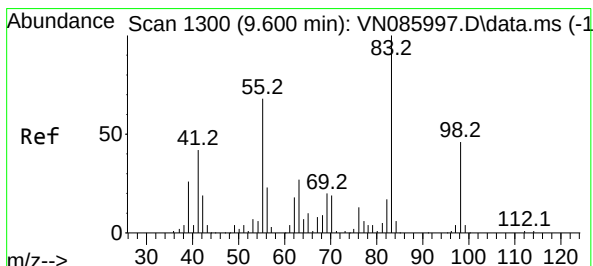
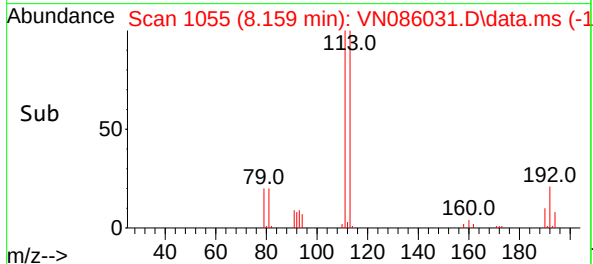
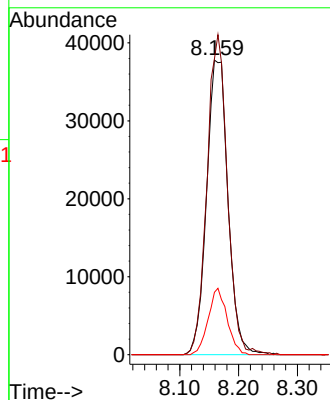
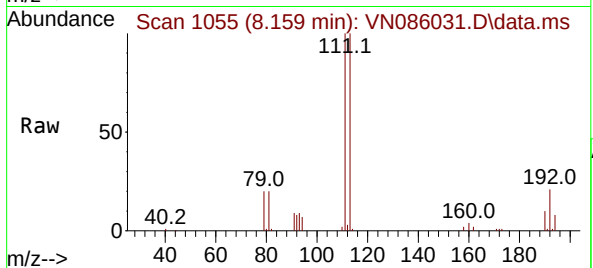
Tgt Ion:	113	Resp:	9571
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.8	122.8
192	19.9	15.9	23.9

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Supervised By :Mahesh Dadoda 03/21/2025



#39

Methylcyclohexane

Concen: 6.882 ug/l

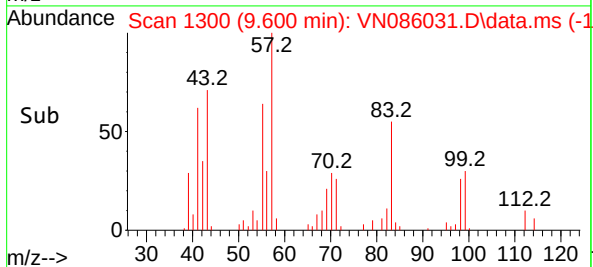
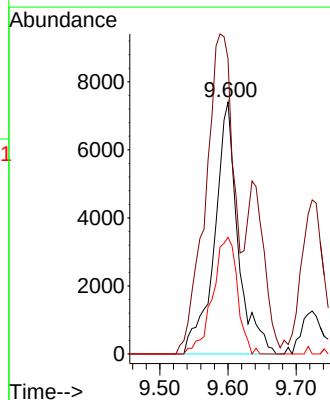
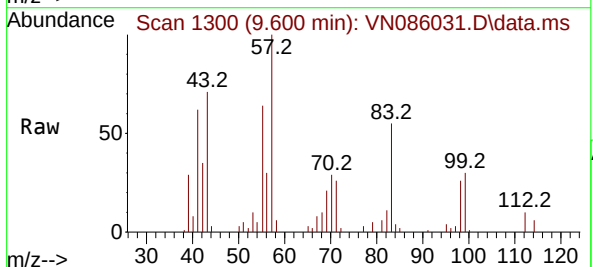
RT: 9.600 min Scan# 1300

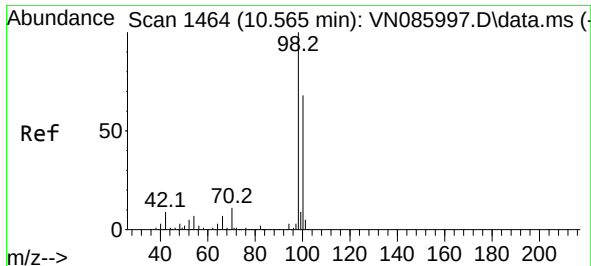
Delta R.T. -0.000 min

Lab File: VN086031.D

Acq: 20 Mar 2025 17:57

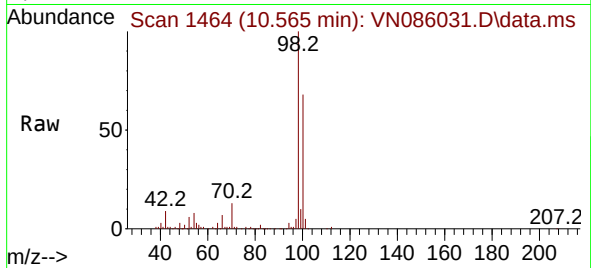
Tgt Ion:	83	Resp:	17750
Ion Ratio	Lower	Upper	
83	100		
55	114.5	54.2	81.2#
98	46.3	37.1	55.7





#50
Toluene-d8
Concen: 52.399 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086031.D
Acq: 20 Mar 2025 17:57

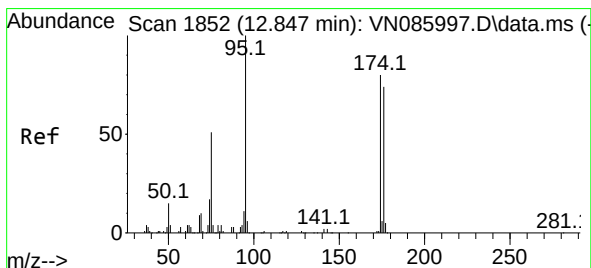
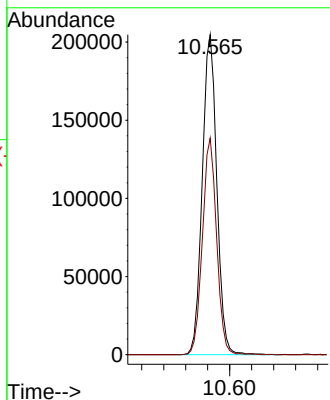
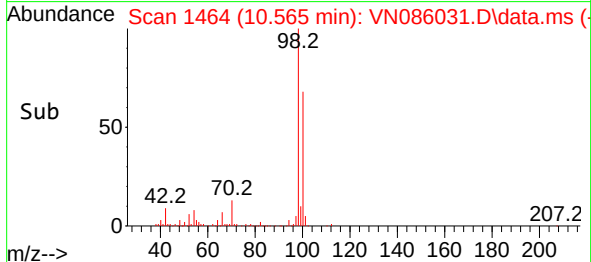
Instrument :
MSVOA_N
ClientSampleId :
MW3



Tgt Ion: 98 Resp: 375430
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7

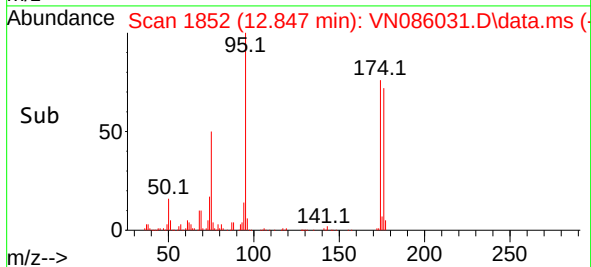
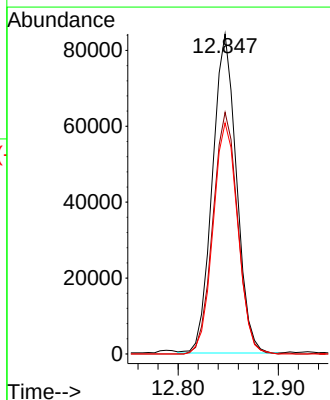
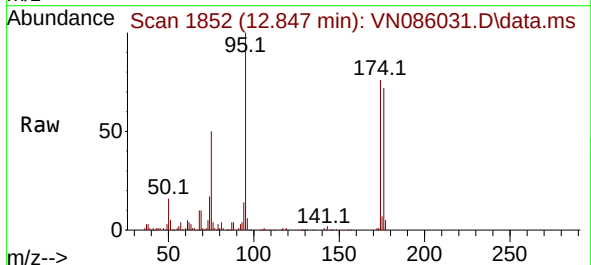
Manual Integrations
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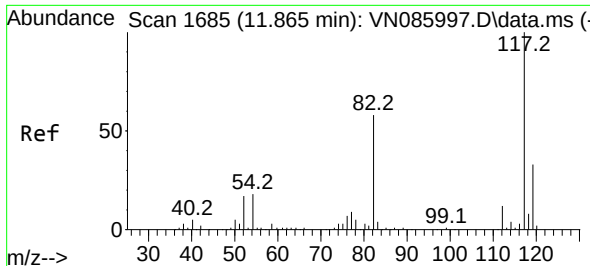
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#62
4-Bromofluorobenzene
Concen: 54.872 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086031.D
Acq: 20 Mar 2025 17:57

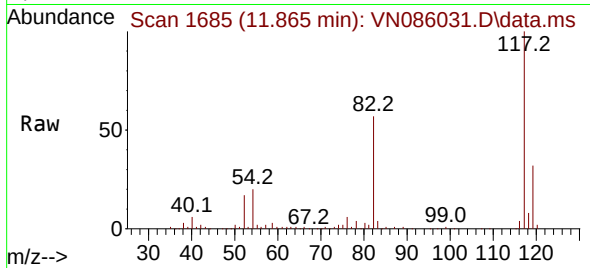
Tgt Ion: 95 Resp: 140210
Ion Ratio Lower Upper
95 100
174 78.0 0.0 156.8
176 74.4 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086031.D
Acq: 20 Mar 2025 17:57

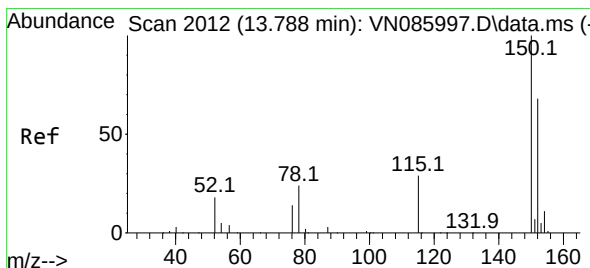
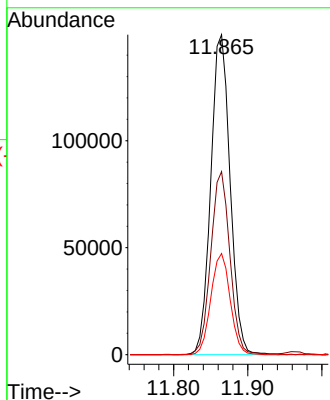
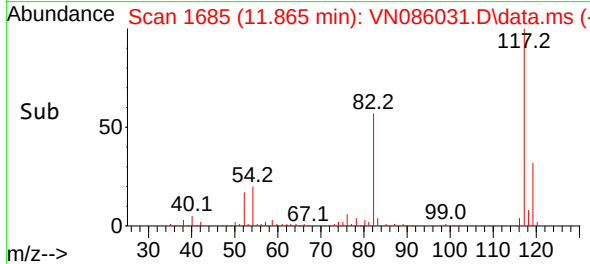
Instrument :
MSVOA_N
ClientSampleId :
MW3



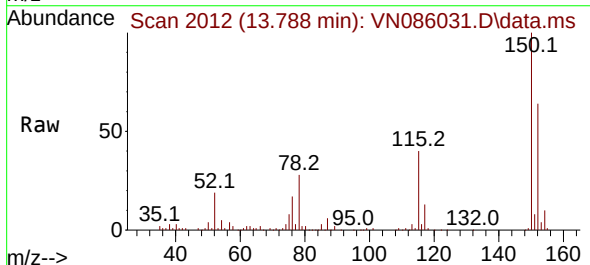
Tgt Ion:117 Resp: 271249
Ion Ratio Lower Upper
117 100
82 57.2 46.7 70.1
119 31.6 26.5 39.7

Manual Integrations
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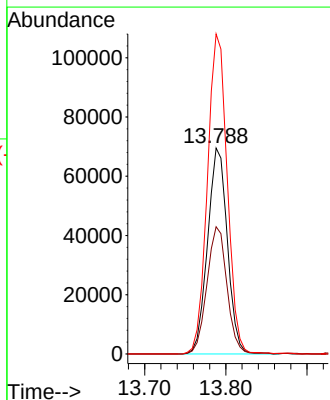
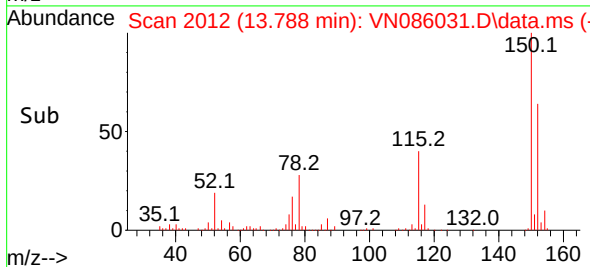
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

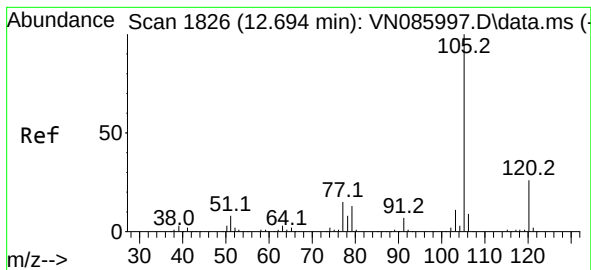


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086031.D
Acq: 20 Mar 2025 17:57



Tgt Ion:152 Resp: 117699
Ion Ratio Lower Upper
152 100
115 62.5 31.1 93.2
150 155.4 0.0 359.6





#73

Isopropylbenzene

Concen: 1.109 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086031.D

Acq: 20 Mar 2025 17:57

Instrument :

MSVOA_N

ClientSampleId :

MW3

Tgt Ion:105 Resp: 891

Ion Ratio Lower Upper

105 100

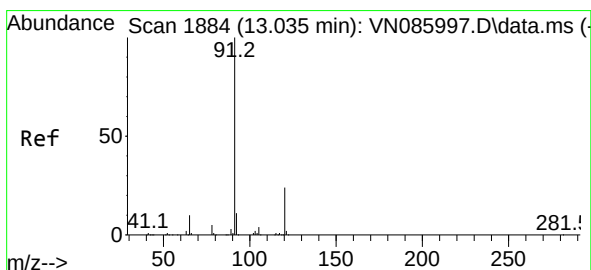
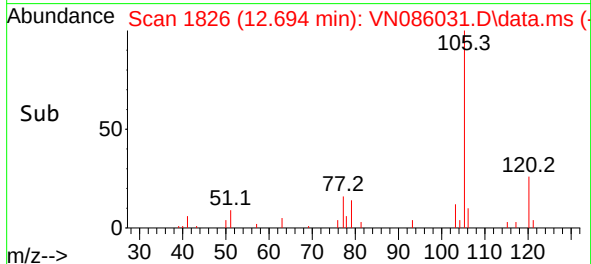
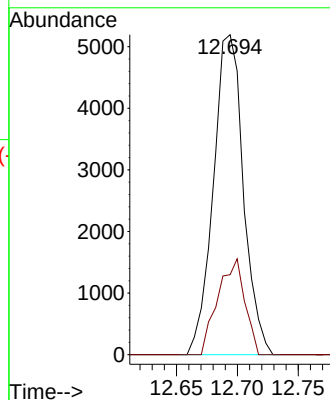
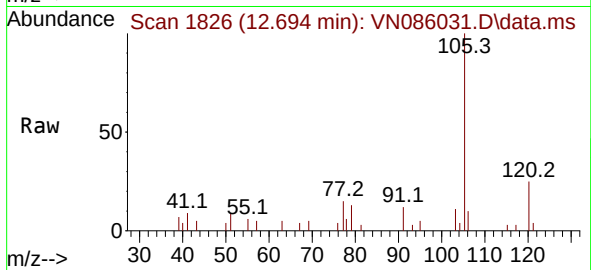
120 26.8 13.0 39.0

Manual Integrations

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#78

n-propylbenzene

Concen: 2.686 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN086031.D

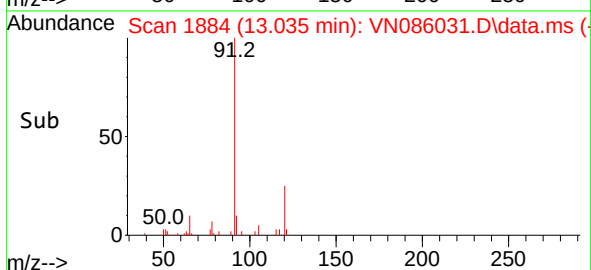
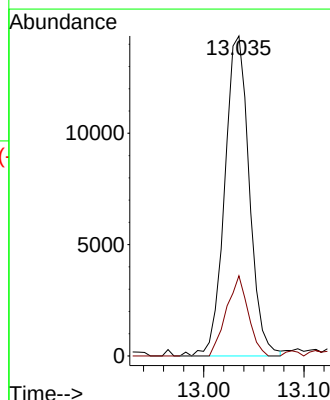
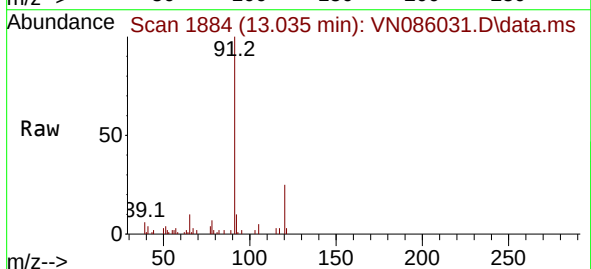
Acq: 20 Mar 2025 17:57

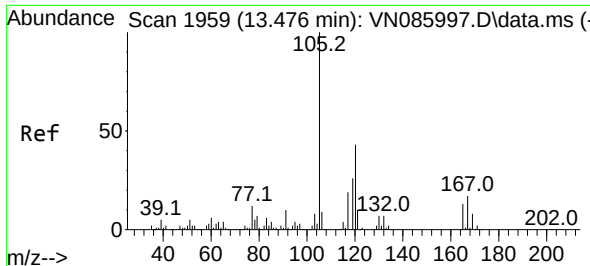
Tgt Ion: 91 Resp: 24449

Ion Ratio Lower Upper

91 100

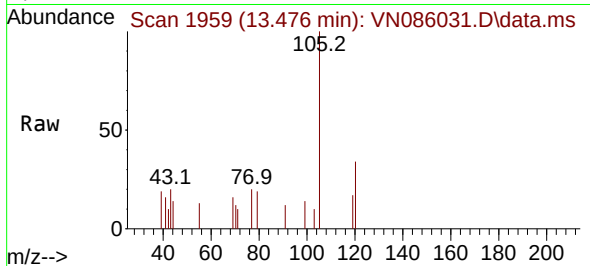
120 22.2 11.7 35.0





#84
1,2,4-Trimethylbenzene
Concen: 0.373 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086031.D
Acq: 20 Mar 2025 17:57

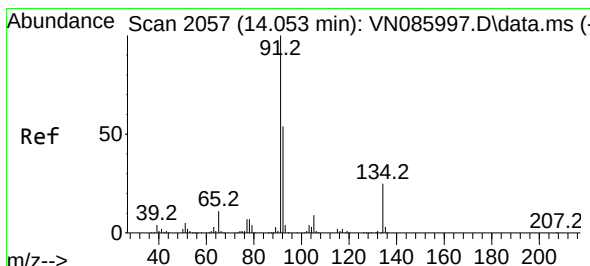
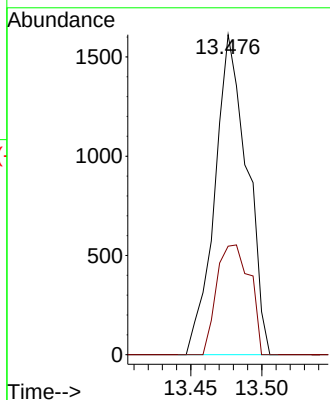
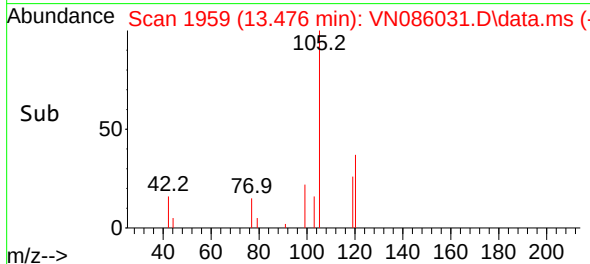
Instrument :
MSVOA_N
ClientSampleId :
MW3



Tgt Ion:105 Resp: 255
Ion Ratio Lower Upper
105 100
120 35.2 21.9 65.8

Manual Integrations
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#89
n-Butylbenzene
Concen: 0.897 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086031.D
Acq: 20 Mar 2025 17:57

Tgt Ion: 91 Resp: 4681
Ion Ratio Lower Upper
91 100
92 36.7 26.9 80.6
134 60.2 13.0 39.0#

