

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087344.D
 Acq On : 17 Jul 2025 15:04
 Operator : JC\MD
 Sample : Q2609-07ME
 Misc : 4.42g/10.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 709-AME

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
 Supervised By :Semsettin Yesilyurt 07/21/2025

Quant Time: Jul 18 01:24:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	212343	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	9.083	114	415804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	361331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	170156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	181004	50.237	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.480%			
35) Dibromofluoromethane	8.147	113	138102	48.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.300%			
50) Toluene-d8	10.547	98	509662	49.814	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.620%			
62) 4-Bromofluorobenzene	12.829	95	176401	46.667	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.340%			
Target Compounds					Qvalue	
39) Methylcyclohexane	9.577	83	26481	6.455	ug/l	96
40) Benzene	8.577	78	80684	6.588	ug/l	98
52) Toluene	10.612	92	130549	17.537	ug/l	98
67) Ethyl Benzene	11.941	91	80291	6.012	ug/l	96
68) m/p-Xylenes	12.047	106	319098	63.809	ug/l	98
69) o-Xylene	12.376	106	321331	67.268	ug/l	98
78) n-propylbenzene	13.023	91	38747	2.876	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	578537	63.405	ug/l	99
84) 1,2,4-Trimethylbenzene	13.465	105	984212	105.623	ug/l	100
95) Naphthalene	15.606	128	26095124m	2428.331	ug/l	

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

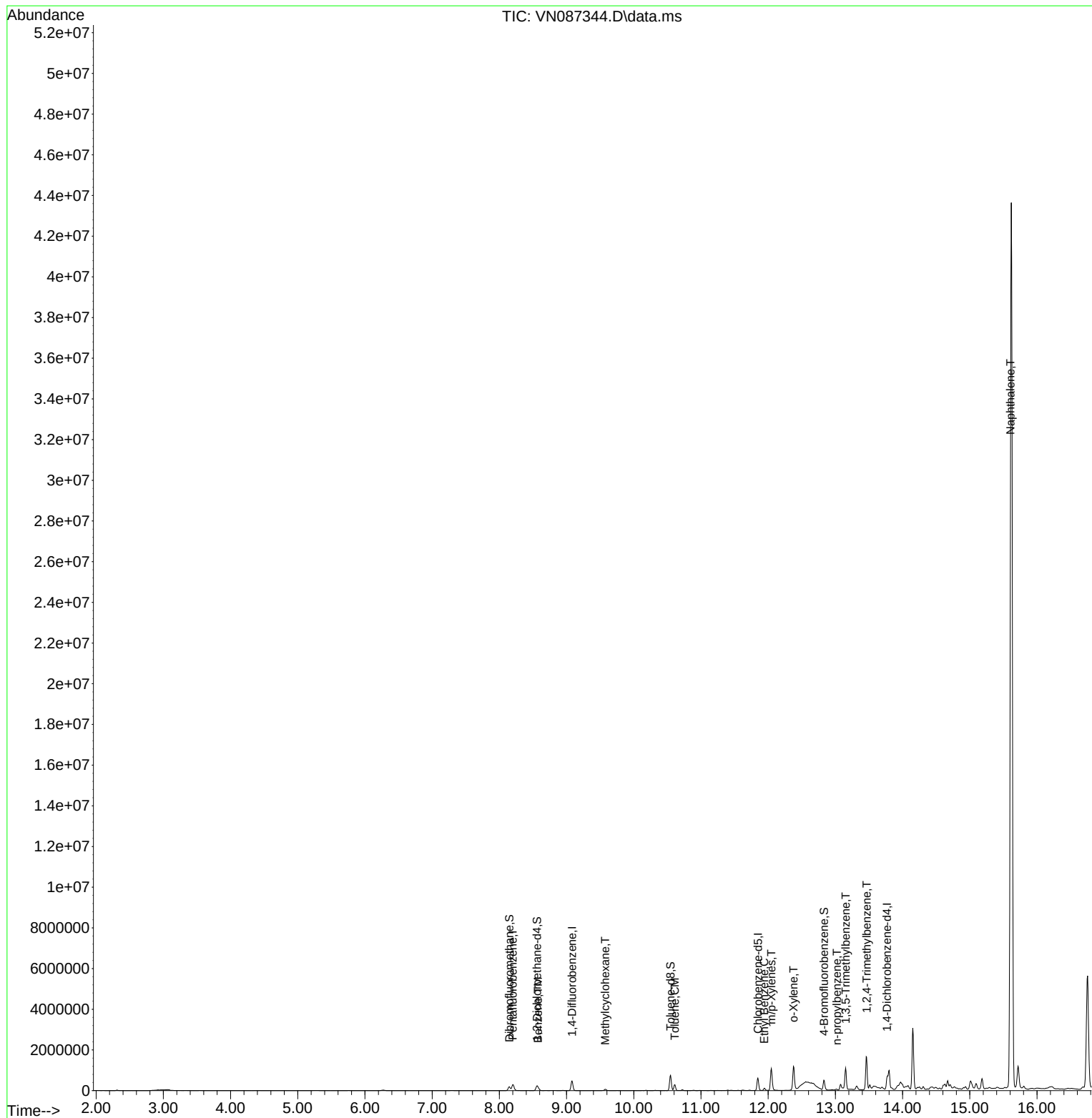
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
Data File : VN087344.D
Acq On : 17 Jul 2025 15:04
Operator : JC\MD
Sample : Q2609-07ME
Misc : 4.42g/10.0mL/100uL/5.0mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 1

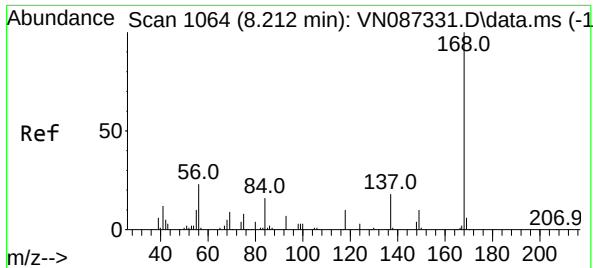
Instrument :
MSVOA_N
ClientSampleId :
709-AME

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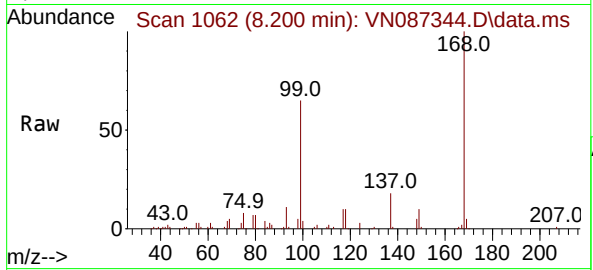
Quant Time: Jul 18 01:24:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1064
Delta R.T. -0.012 min
Lab File: VN087344.D
Acq: 17 Jul 2025 15:04

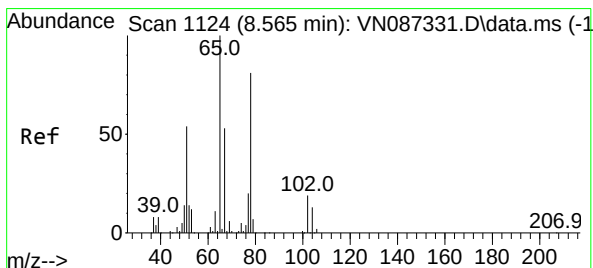
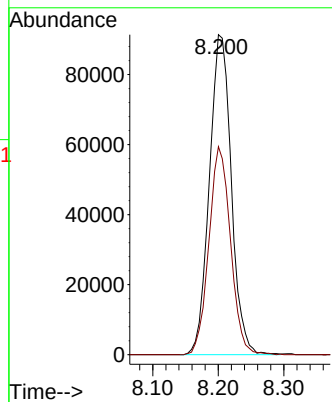
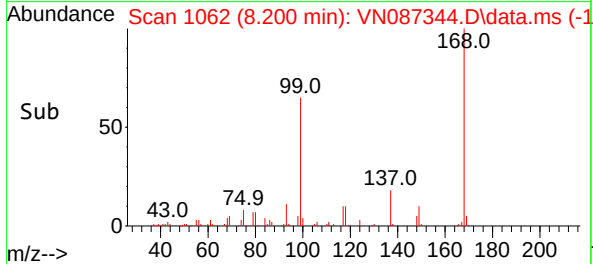
Instrument :
MSVOA_N
ClientSampleId :
709-AME



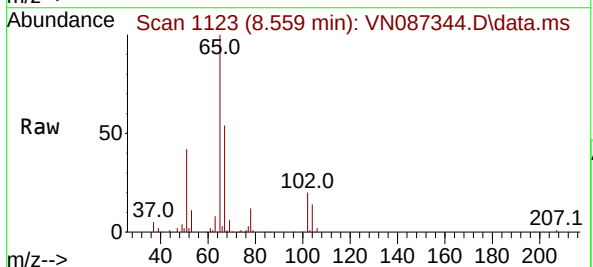
Tgt Ion:168 Resp: 21234
Ion Ratio Lower Upper
168 100
99 65.0 47.9 71.9

Manual Integrations
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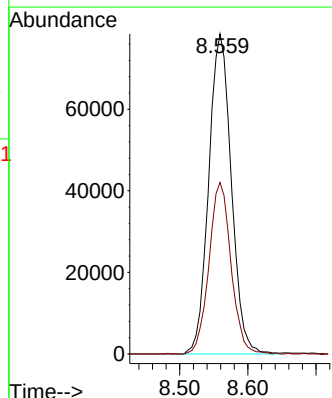
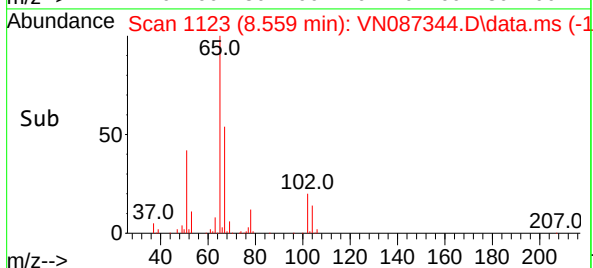
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

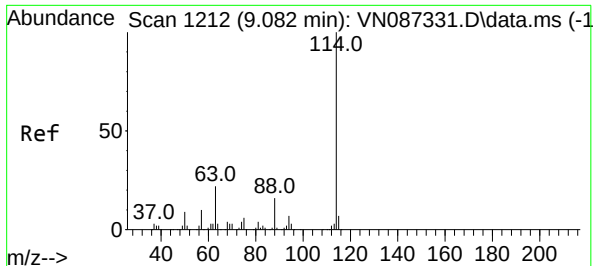


#33
1,2-Dichloroethane-d4
Concen: 50.237 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN087344.D
Acq: 17 Jul 2025 15:04



Tgt Ion: 65 Resp: 181004
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN087344.D

Acq: 17 Jul 2025 15:04

Instrument :

MSVOA_N

ClientSampleId :

709-AME

Tgt Ion:114 Resp: 415804

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.6

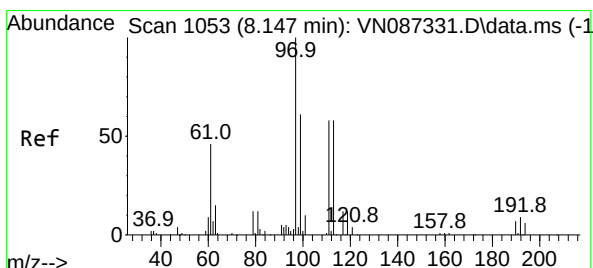
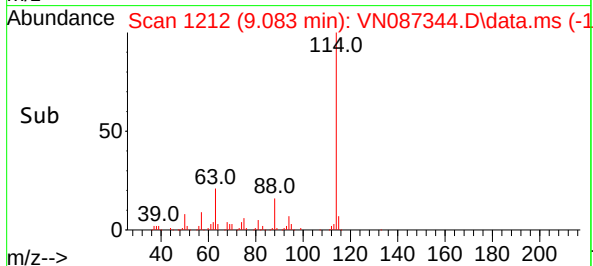
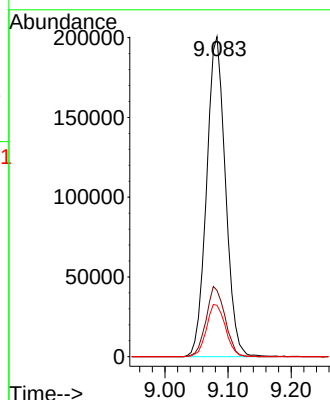
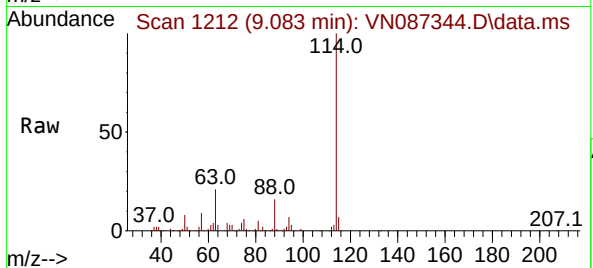
88 16.0 0.0 32.8

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#35

Dibromofluoromethane

Concen: 48.149 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087344.D

Acq: 17 Jul 2025 15:04

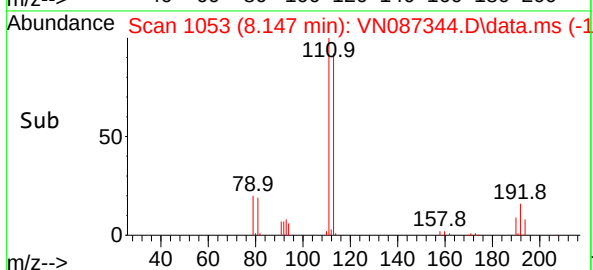
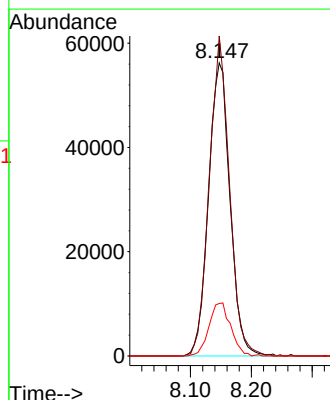
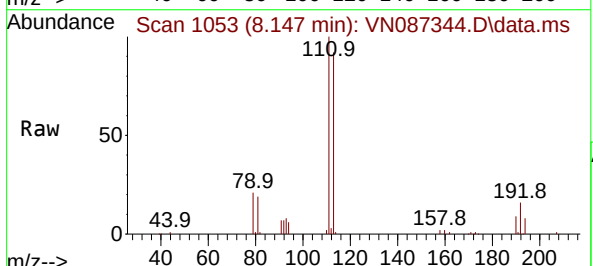
Tgt Ion:113 Resp: 138102

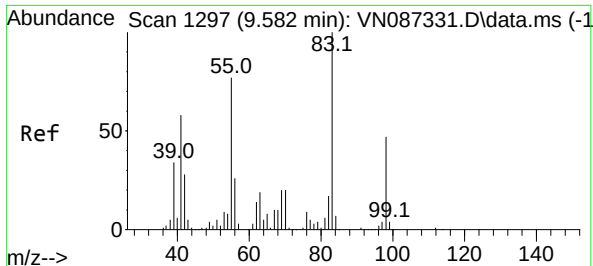
Ion Ratio Lower Upper

113 100

111 102.5 82.5 123.7

192 18.3 13.7 20.5





#39

Methylcyclohexane

Concen: 6.455 ug/l

RT: 9.577 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN087344.D

Acq: 17 Jul 2025 15:04

Instrument :

MSVOA_N

ClientSampleId :

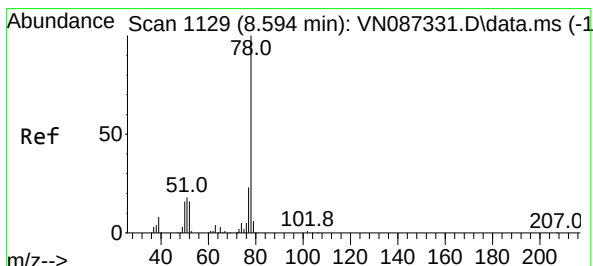
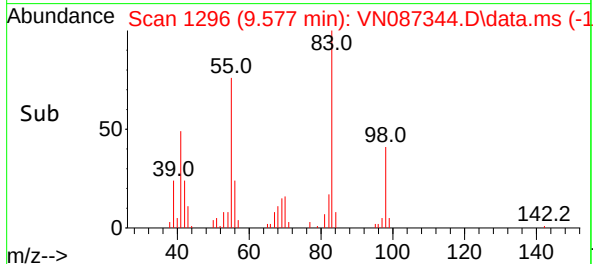
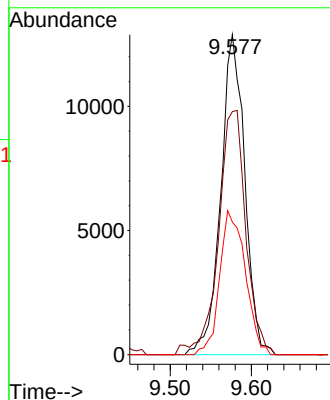
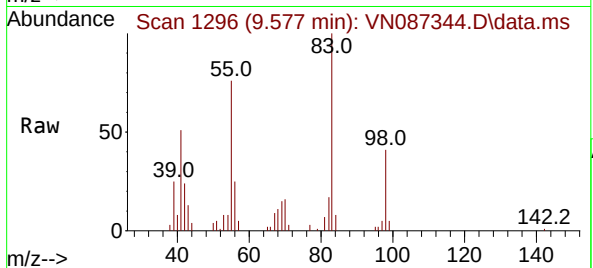
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Tgt Ion: 83	Resp: 2648
Ion Ratio	Lower Upper
83 100	
55 75.9	61.3 91.9
98 41.4	37.9 56.9

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#40

Benzene

Concen: 6.588 ug/l

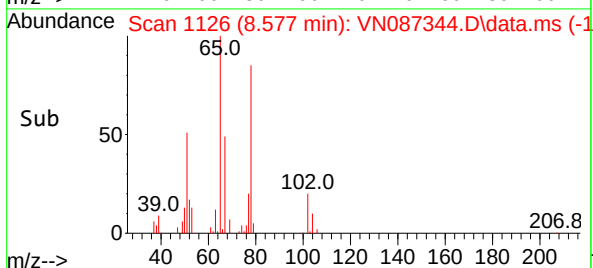
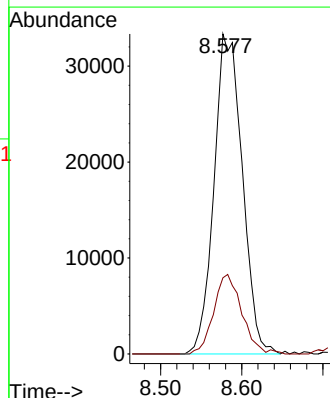
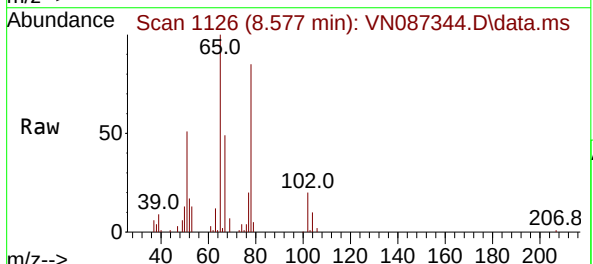
RT: 8.577 min Scan# 1126

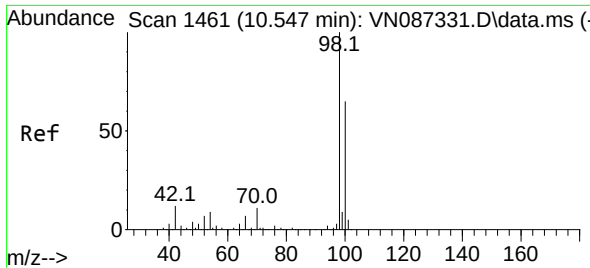
Delta R.T. -0.017 min

Lab File: VN087344.D

Acq: 17 Jul 2025 15:04

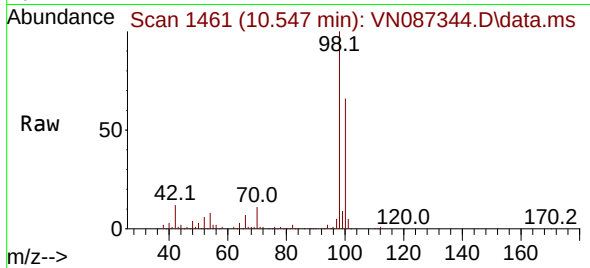
Tgt Ion: 78	Resp: 80684
Ion Ratio	Lower Upper
78 100	
77 23.8	18.2 27.2





#50
Toluene-d8
Concen: 49.814 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087344.D
Acq: 17 Jul 2025 15:04

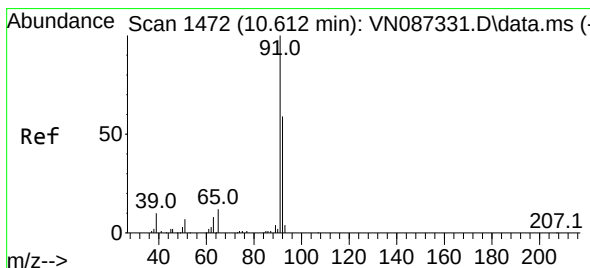
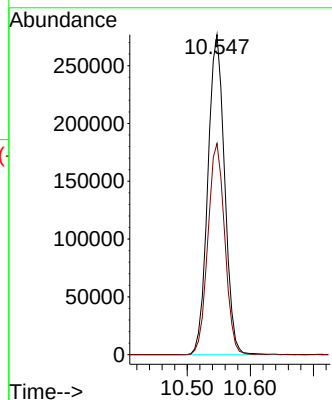
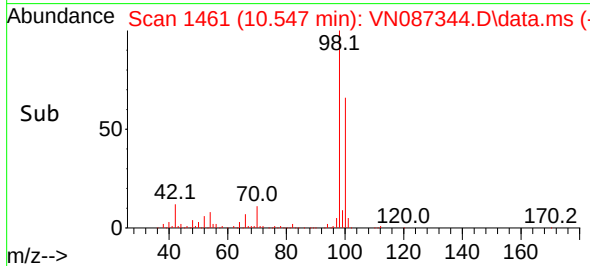
Instrument :
MSVOA_N
ClientSampleId :
709-AME



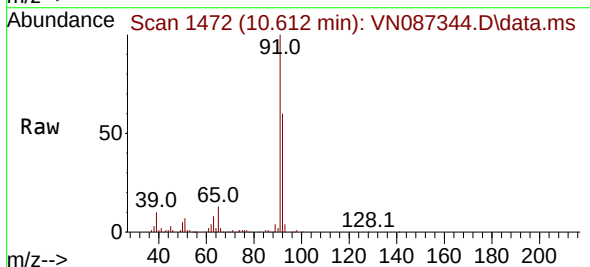
Tgt Ion: 98 Resp: 509662
Ion Ratio Lower Upper
98 100
100 66.4 52.1 78.1

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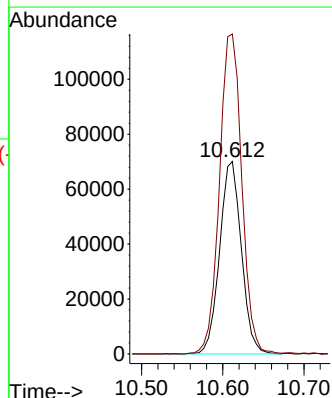
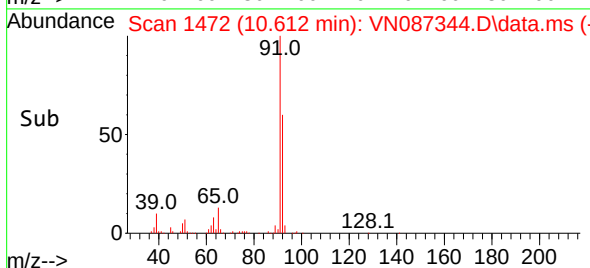
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

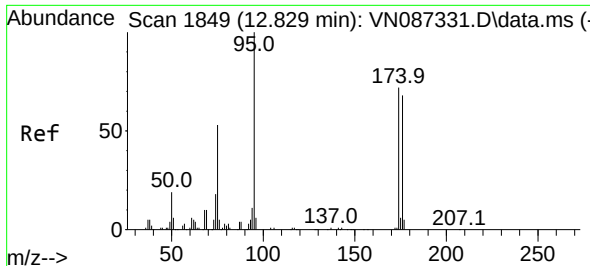


#52
Toluene
Concen: 17.537 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087344.D
Acq: 17 Jul 2025 15:04



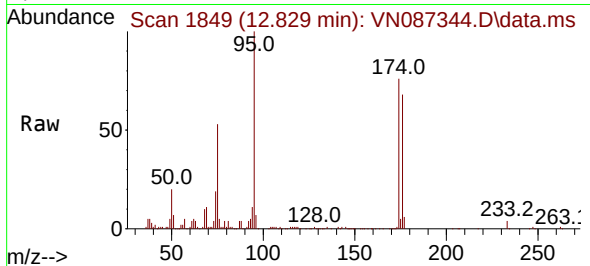
Tgt Ion: 92 Resp: 130549
Ion Ratio Lower Upper
92 100
91 171.1 135.1 202.7





#62
4-Bromofluorobenzene
Concen: 46.667 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087344.D
Acq: 17 Jul 2025 15:04

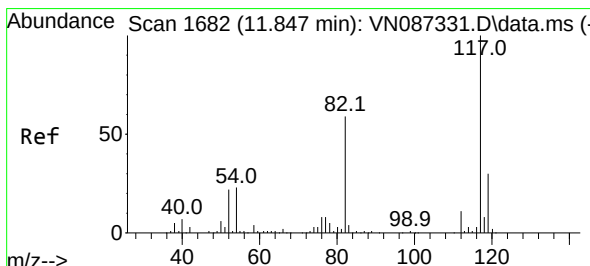
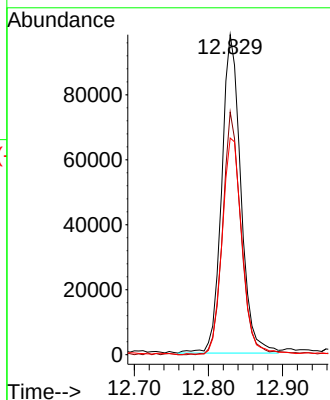
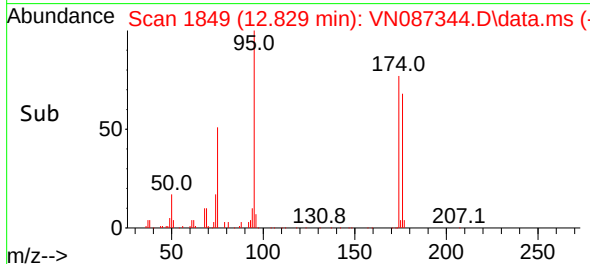
Instrument :
MSVOA_N
ClientSampleId :
709-AME



Tgt Ion: 95 Resp: 17640
Ion Ratio Lower Upper
95 100
174 73.1 0.0 149.4
176 70.1 0.0 141.2

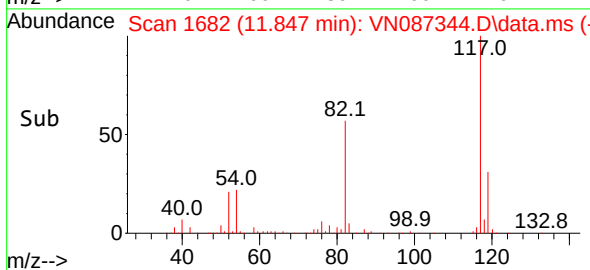
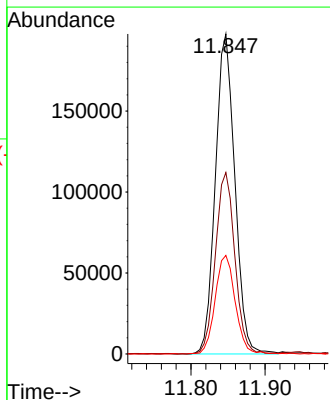
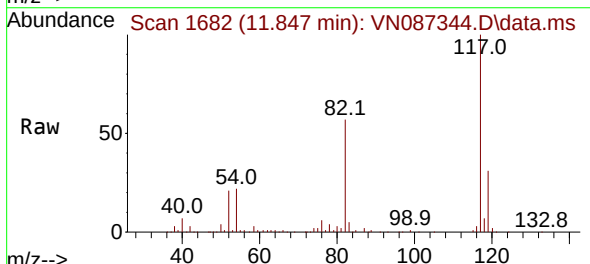
Manual Integrations
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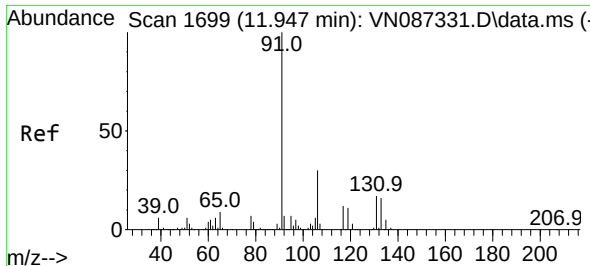
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087344.D
Acq: 17 Jul 2025 15:04

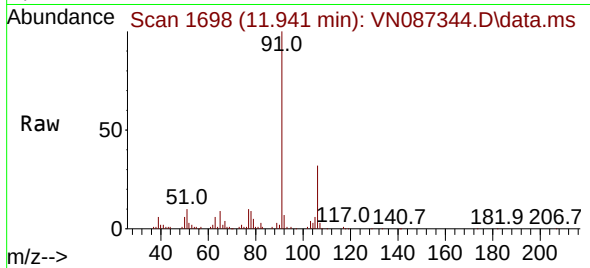
Tgt Ion:117 Resp: 361331
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 30.8 23.8 35.8





#67
Ethyl Benzene
Concen: 6.012 ug/l
RT: 11.941 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VN087344.D
Acq: 17 Jul 2025 15:04

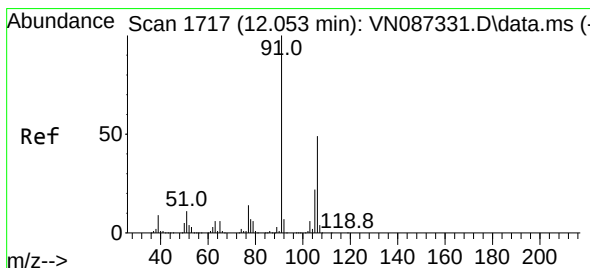
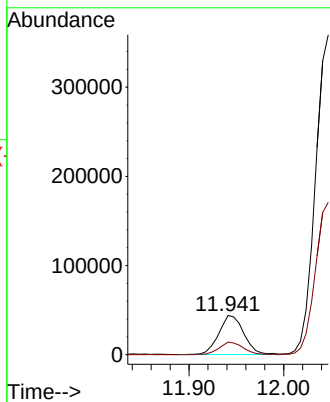
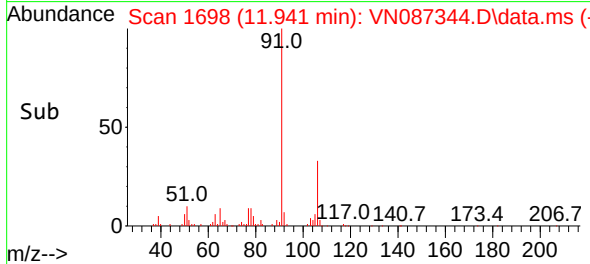
Instrument :
MSVOA_N
ClientSampleId :
709-AME



Tgt Ion: 91 Resp: 8029
Ion Ratio Lower Upper
91 100
106 32.5 24.3 36.5

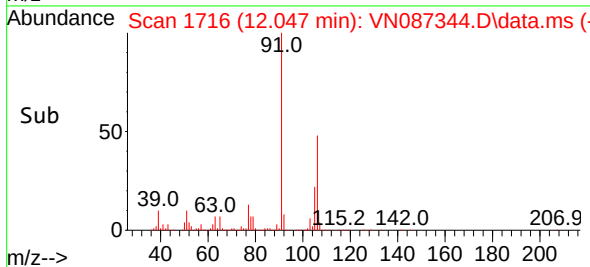
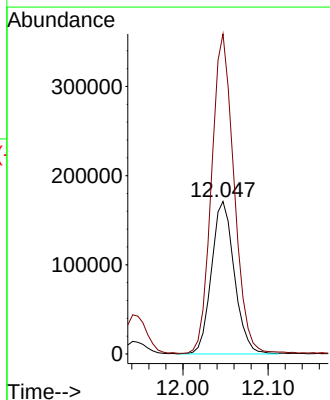
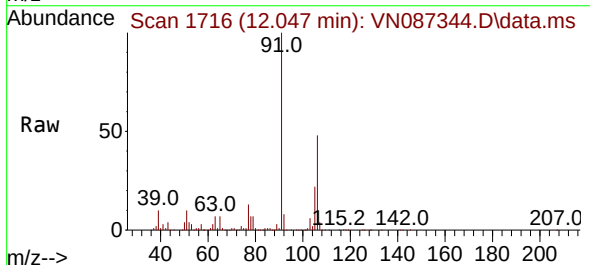
Manual Integrations
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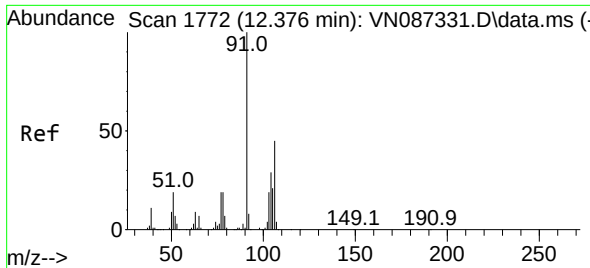
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#68
m/p-Xylenes
Concen: 63.809 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN087344.D
Acq: 17 Jul 2025 15:04

Tgt Ion:106 Resp: 319098
Ion Ratio Lower Upper
106 100
91 206.2 162.0 243.0





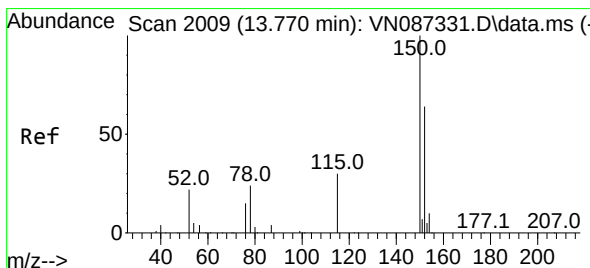
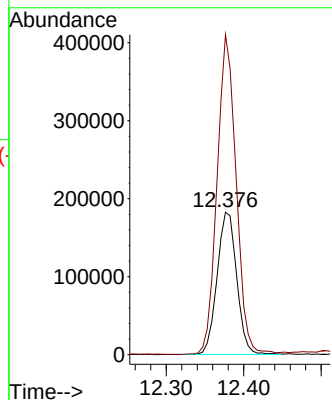
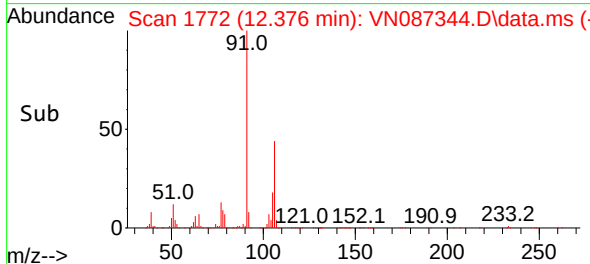
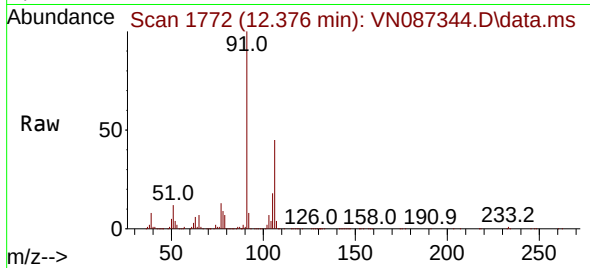
#69
o-Xylene
Concen: 67.268 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087344.D
Acq: 17 Jul 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
709-AME

Tgt Ion:106 Resp: 32133
Ion Ratio Lower Upper
106 100
91 218.3 107.7 323.3

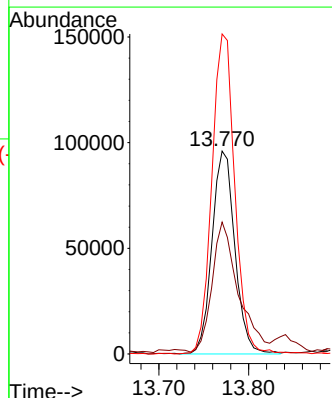
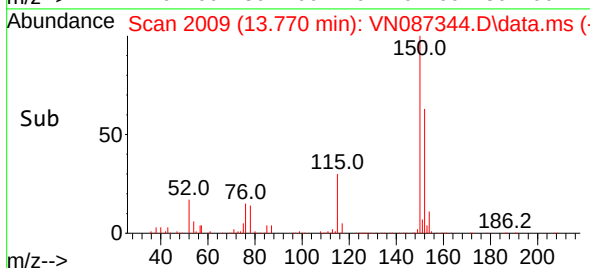
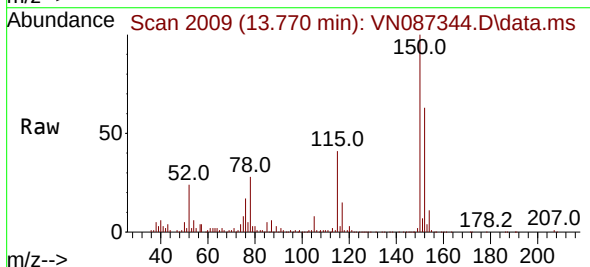
Manual Integrations
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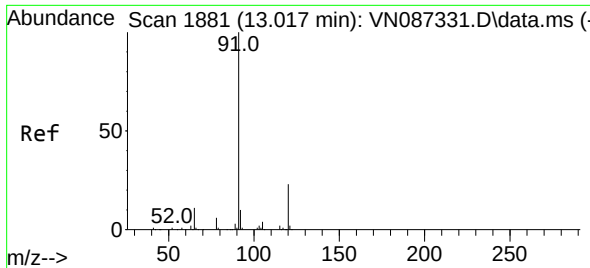
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087344.D
Acq: 17 Jul 2025 15:04

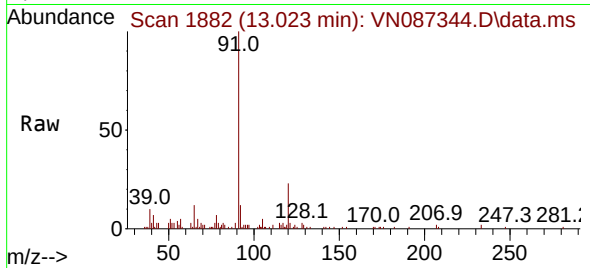
Tgt Ion:152 Resp: 170156
Ion Ratio Lower Upper
152 100
115 73.5 31.1 93.5
150 158.1 0.0 349.0





#78
n-propylbenzene
Concen: 2.876 ug/l
RT: 13.023 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087344.D
Acq: 17 Jul 2025 15:04

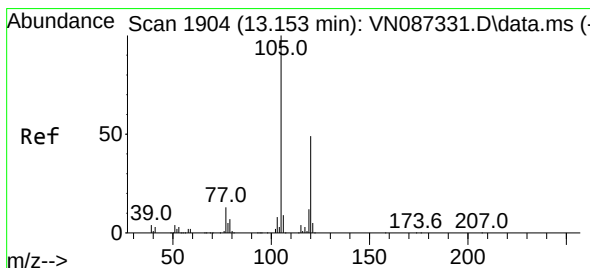
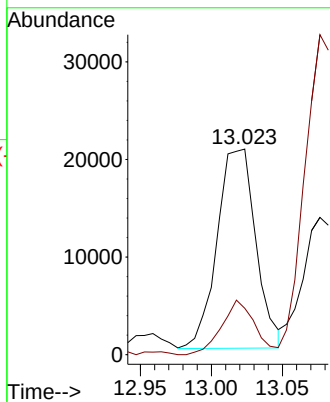
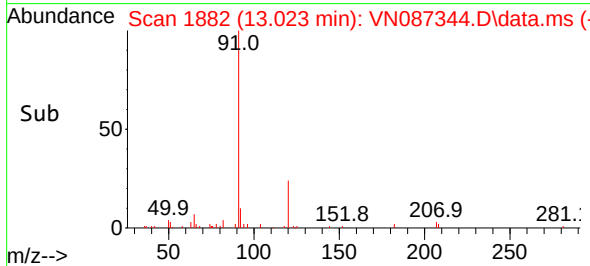
Instrument :
MSVOA_N
ClientSampleId :
709-AME



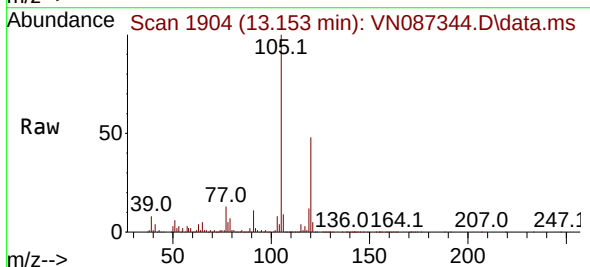
Tgt Ion: 91 Resp: 3874
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.8

Manual Integrations
APPROVED

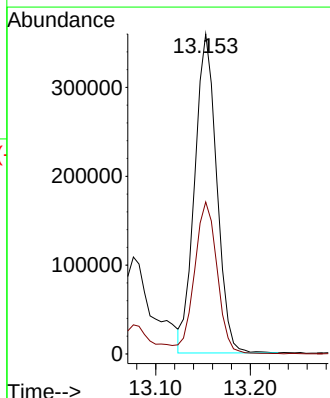
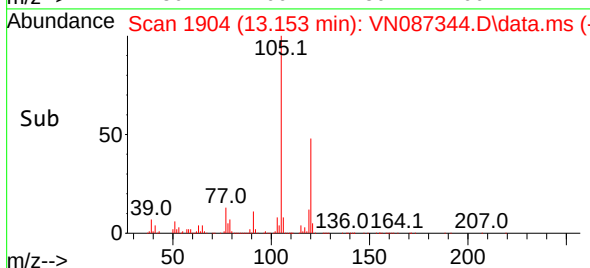
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

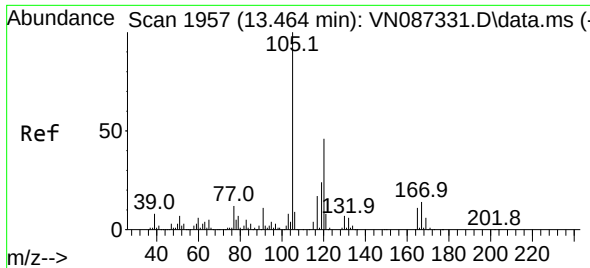


#80
1,3,5-Trimethylbenzene
Concen: 63.405 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087344.D
Acq: 17 Jul 2025 15:04



Tgt Ion:105 Resp: 578537
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8





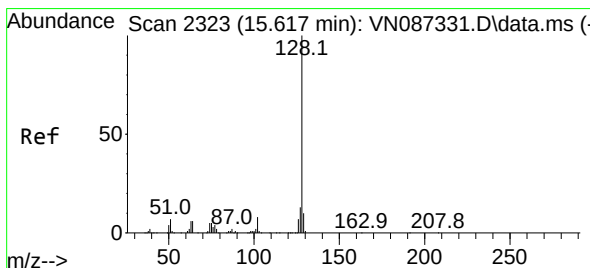
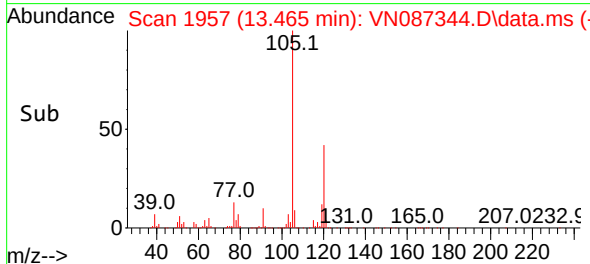
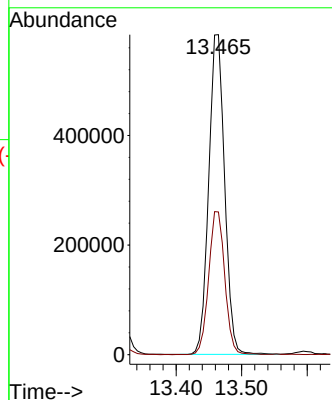
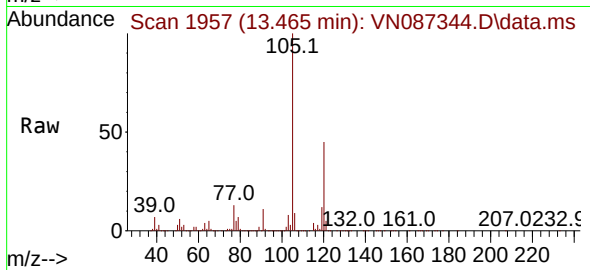
#84
1,2,4-Trimethylbenzene
Concen: 105.623 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN087344.D
Acq: 17 Jul 2025 15:04

Instrument :
MSVOA_N
ClientSampleId :
709-AME

Tgt Ion:105 Resp: 984212
Ion Ratio Lower Upper
105 100
120 45.5 22.8 68.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#95
Naphthalene
Concen: 2428.331 ug/l m
RT: 15.606 min Scan# 2321
Delta R.T. -0.012 min
Lab File: VN087344.D
Acq: 17 Jul 2025 15:04

Tgt Ion:128 Resp:26095124
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.4 12.6#

