

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087343.D
 Acq On : 17 Jul 2025 14:42
 Operator : JC\MD
 Sample : Q2609-03ME
 Misc : 4.73g/10.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 710-CME

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 01:24:23 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	254163	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	9.082	114	496017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	408563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	195098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	211057	48.940	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.880%		
35) Dibromofluoromethane	8.147	113	155979	45.588	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.180%		
50) Toluene-d8	10.547	98	601266	49.264	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.520%		
62) 4-Bromofluorobenzene	12.829	95	197678	43.839	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.680%		
Target Compounds						Qvalue
39) Methylcyclohexane	9.577	83	11281	2.305	ug/l	92
40) Benzene	8.583	78	142643	9.763	ug/l	99
52) Toluene	10.606	92	195326	21.995	ug/l	99
67) Ethyl Benzene	11.947	91	82572	5.468	ug/l	99
68) m/p-Xylenes	12.047	106	335658	59.361	ug/l	98
69) o-Xylene	12.376	106	274901	50.895	ug/l	98
70) Styrene	12.394	104	125236	13.783	ug/l #	71
78) n-propylbenzene	13.018	91	35633	2.306	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	419444	40.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.465	105	816866	76.457	ug/l	100
95) Naphthalene	15.606	128	22910019m	1859.381	ug/l	

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

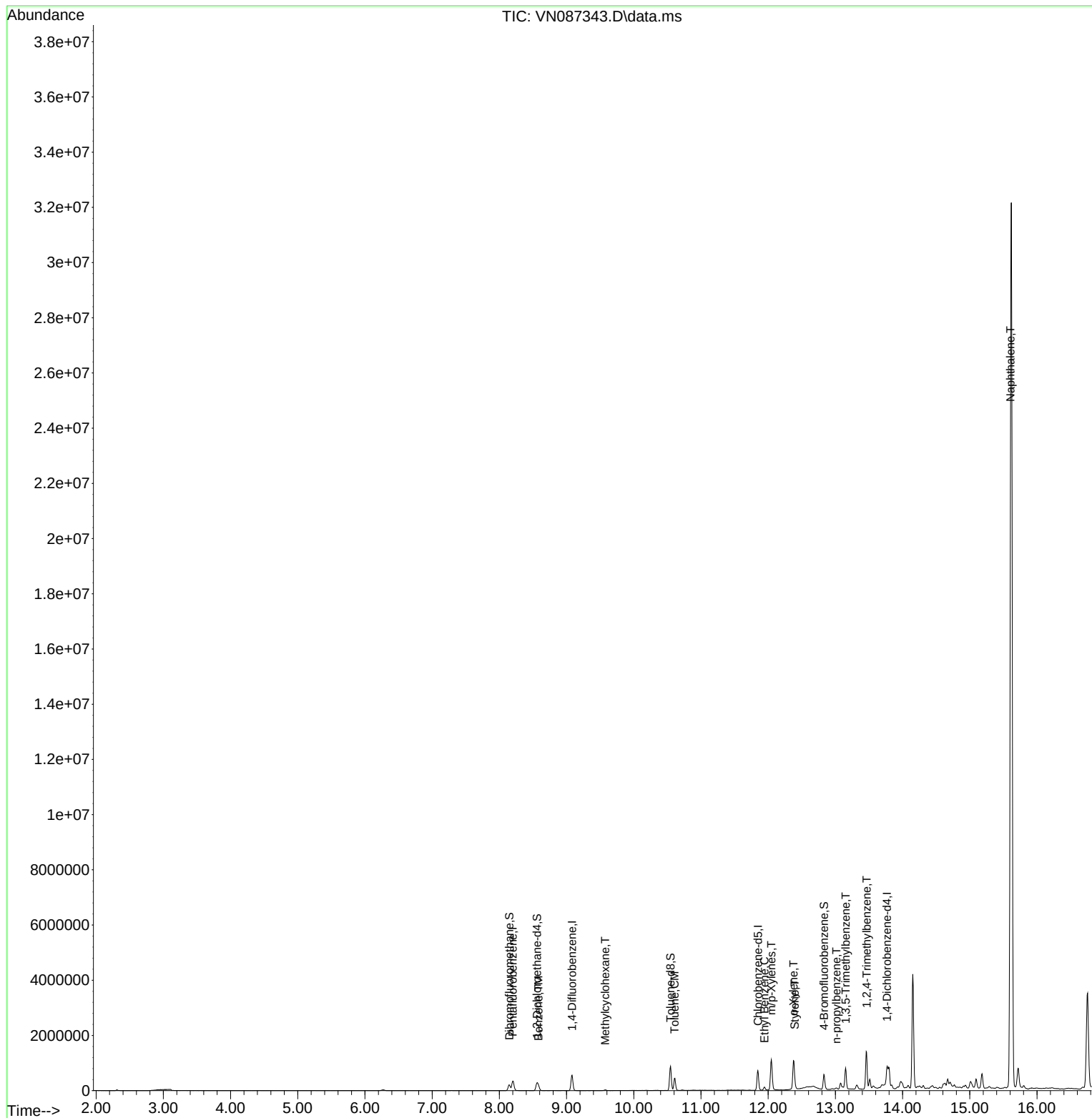
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
Data File : VN087343.D
Acq On : 17 Jul 2025 14:42
Operator : JC\MD
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ALS Vial : 8 Sample Multiplier: 1

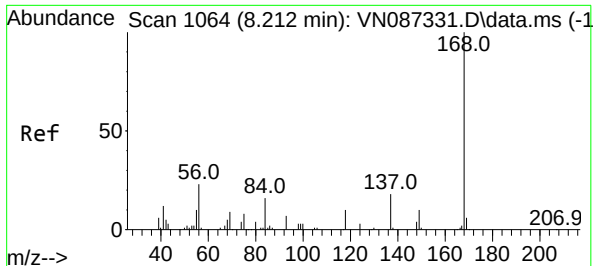
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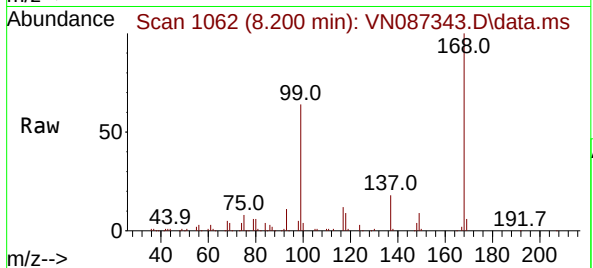
Quant Time: Jul 18 01:24:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1064
Delta R.T. -0.012 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42

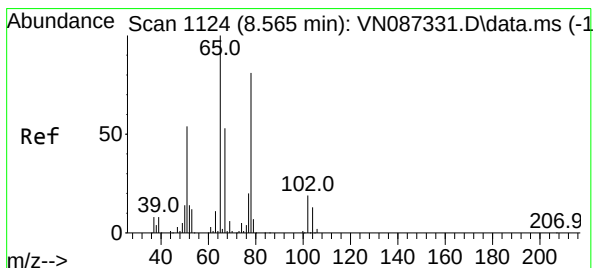
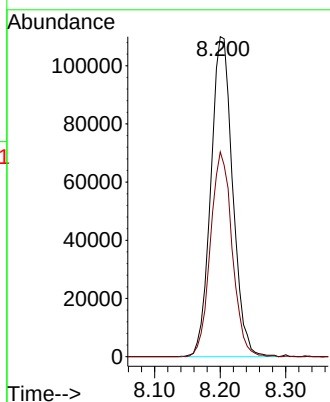
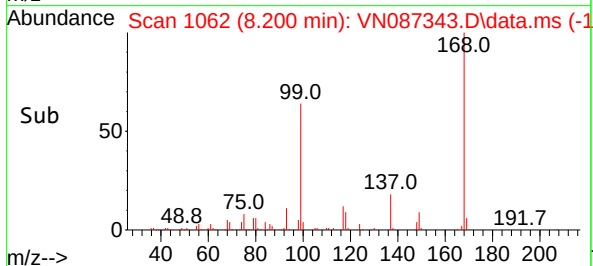
Instrument :
MSVOA_N
ClientSampleId :
710-CME



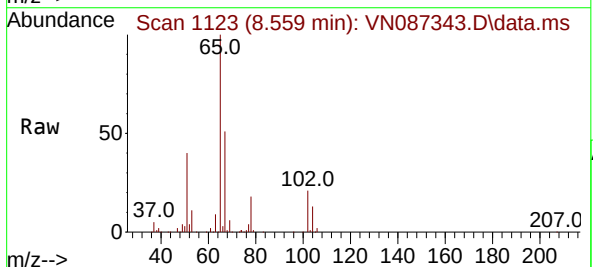
Tgt Ion:168 Resp: 25416
Ion Ratio Lower Upper
168 100
99 64.0 47.9 71.9

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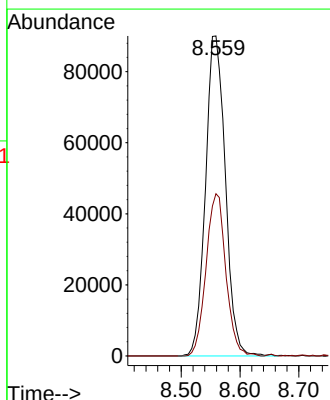
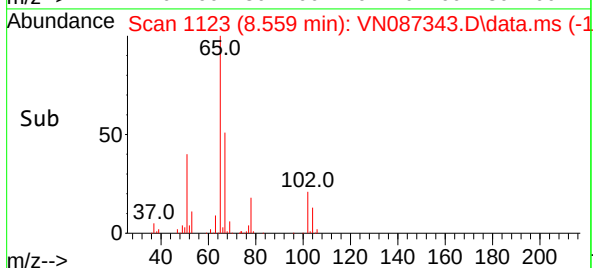
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

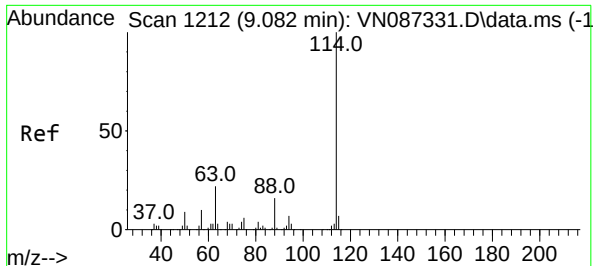


#33
1,2-Dichloroethane-d4
Concen: 48.940 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42



Tgt Ion: 65 Resp: 211057
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VN087343.D

Acq: 17 Jul 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

710-CME

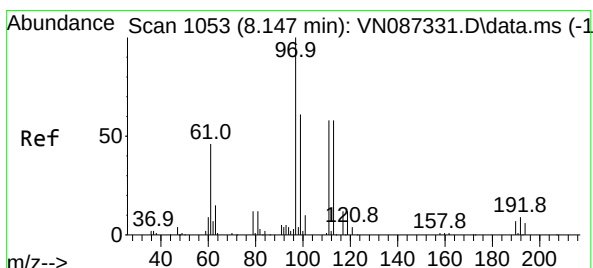
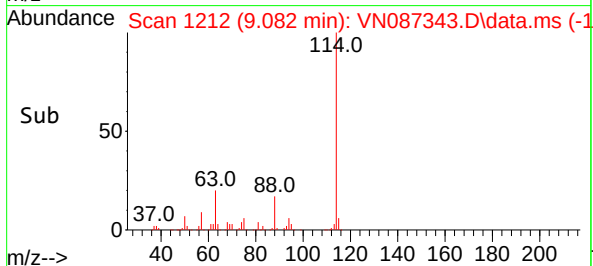
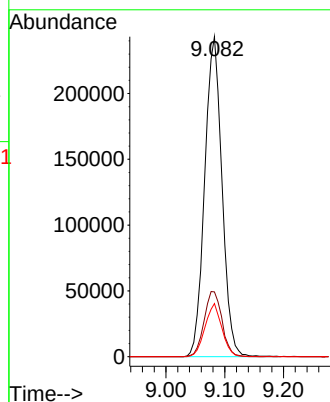
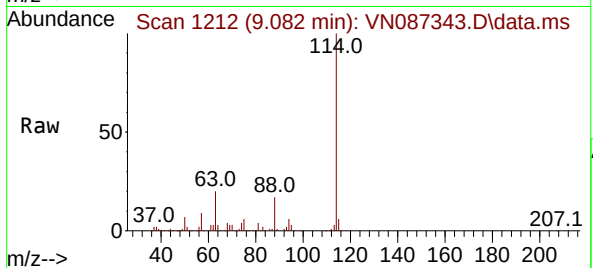
Tgt Ion:114 Resp: 49601

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	44.6
88	16.6	0.0	32.8

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#35

Dibromofluoromethane

Concen: 45.588 ug/l

RT: 8.147 min Scan# 1053

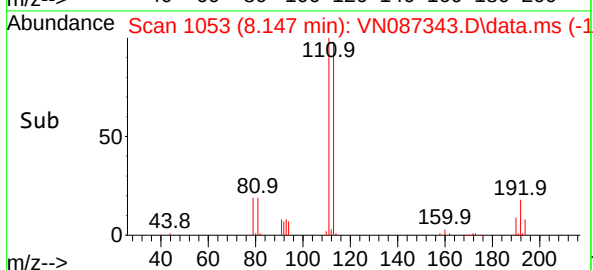
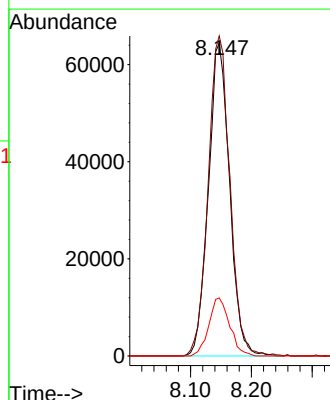
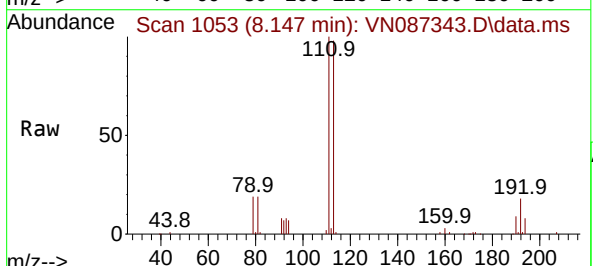
Delta R.T. 0.000 min

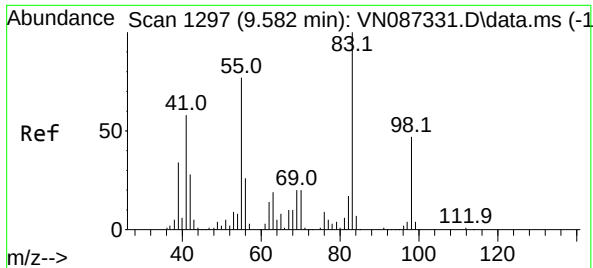
Lab File: VN087343.D

Acq: 17 Jul 2025 14:42

Tgt Ion:113 Resp: 155979

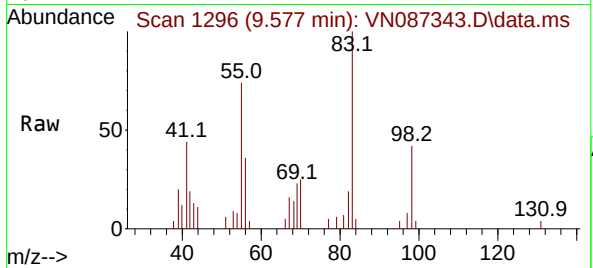
Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.5	123.7
192	18.1	13.7	20.5





#39
Methylcyclohexane
Concen: 2.305 ug/l
RT: 9.577 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42

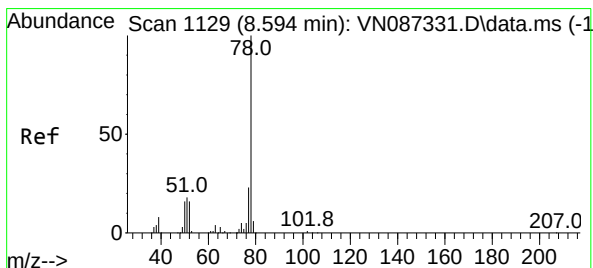
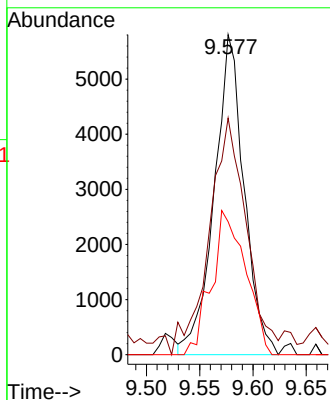
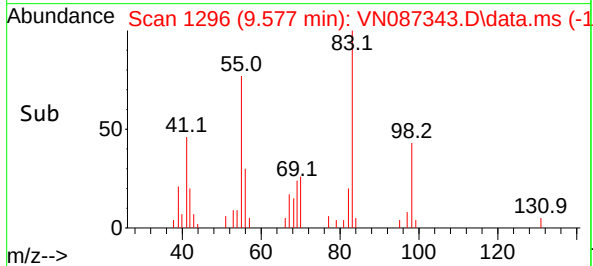
Instrument :
MSVOA_N
ClientSampleId :
710-CME



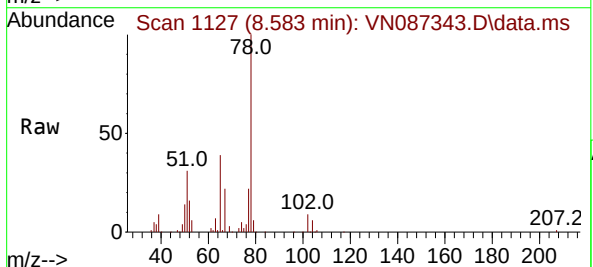
Tgt Ion: 83 Resp: 1128
Ion Ratio Lower Upper
83 100
55 69.5 61.3 91.9
98 41.5 37.9 56.9

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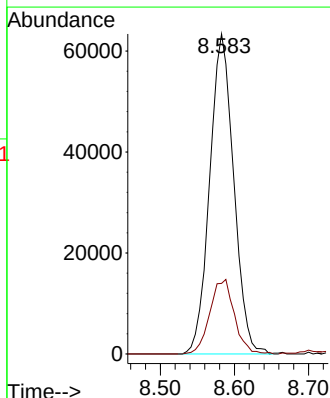
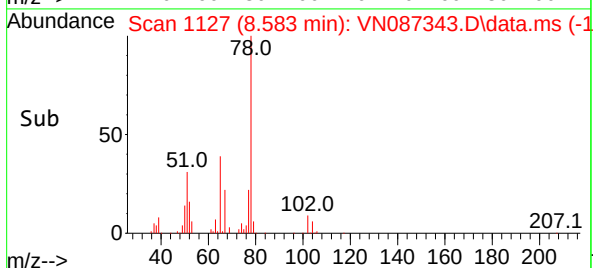
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

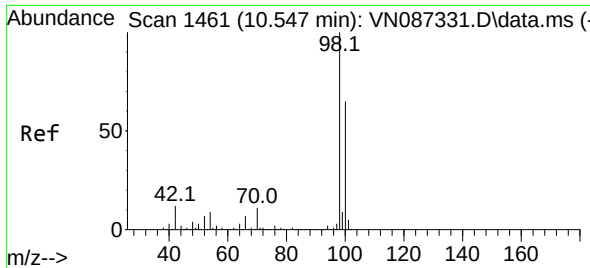


#40
Benzene
Concen: 9.763 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.012 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42



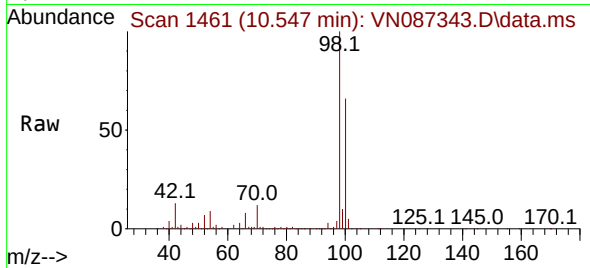
Tgt Ion: 78 Resp: 142643
Ion Ratio Lower Upper
78 100
77 22.1 18.2 27.2





#50
Toluene-d8
Concen: 49.264 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42

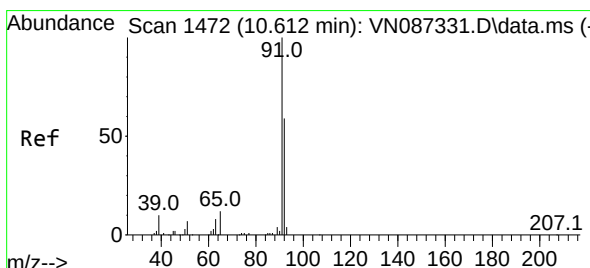
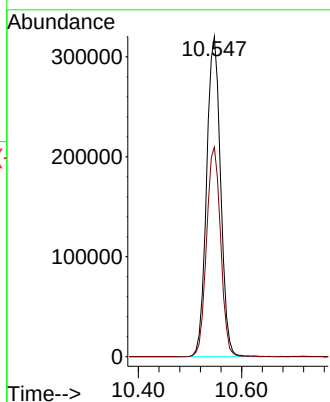
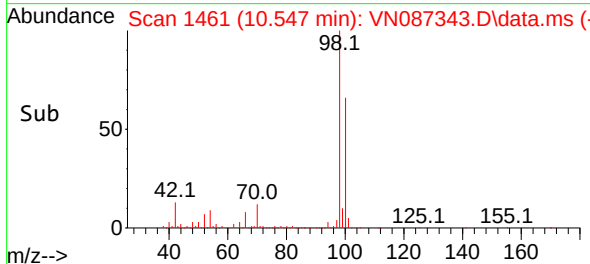
Instrument :
MSVOA_N
ClientSampleId :
710-CME



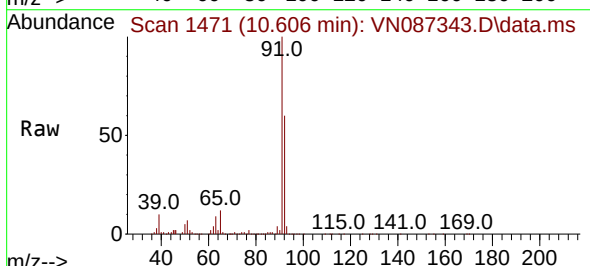
Tgt Ion: 98 Resp: 601260
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1

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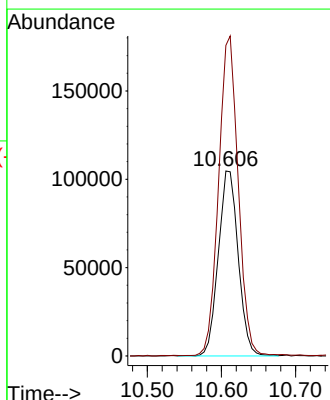
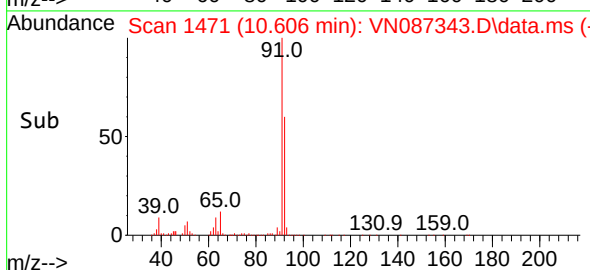
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

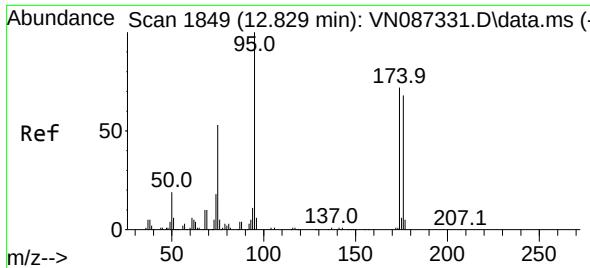


#52
Toluene
Concen: 21.995 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42



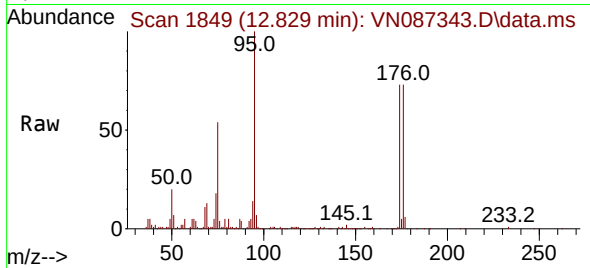
Tgt Ion: 92 Resp: 195326
Ion Ratio Lower Upper
92 100
91 170.1 135.1 202.7





#62
4-Bromofluorobenzene
Concen: 43.839 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42

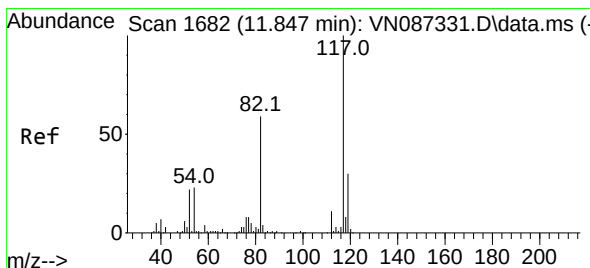
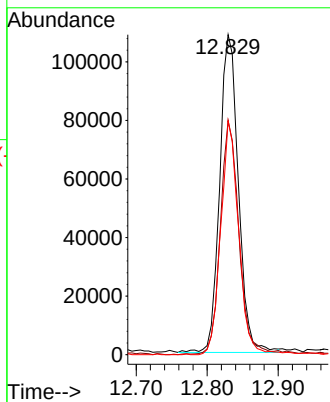
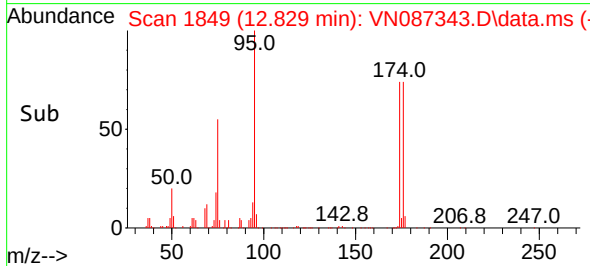
Instrument :
MSVOA_N
ClientSampleId :
710-CME



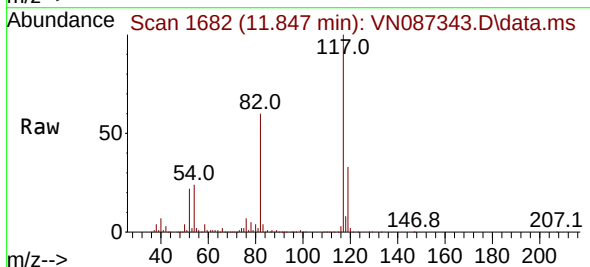
Tgt Ion: 95 Resp: 197678
Ion Ratio Lower Upper
95 100
174 72.4 0.0 149.4
176 71.0 0.0 141.2

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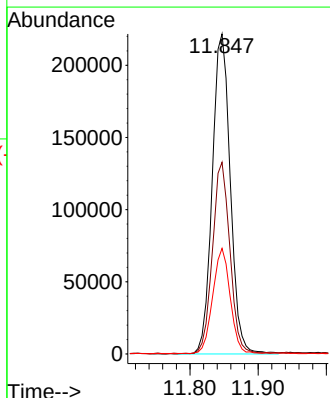
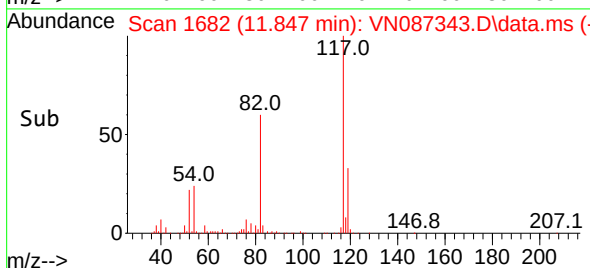
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

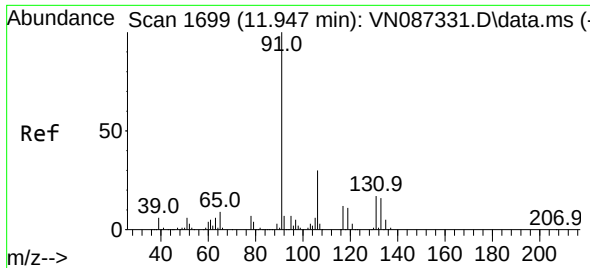


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42



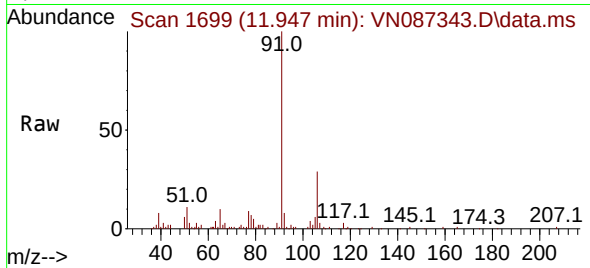
Tgt Ion:117 Resp: 408563
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 32.9 23.8 35.8





#67
Ethyl Benzene
Concen: 5.468 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42

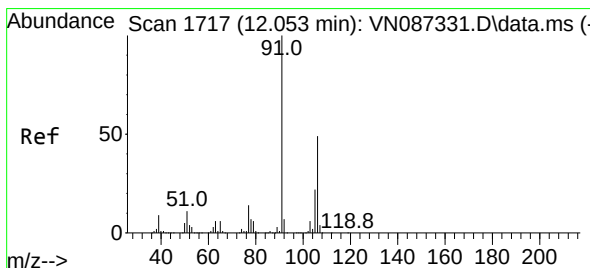
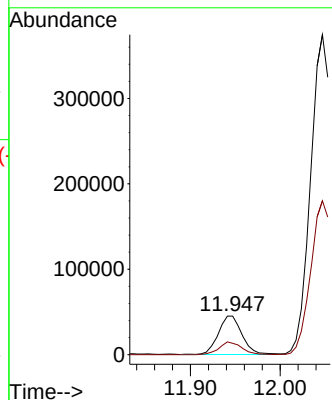
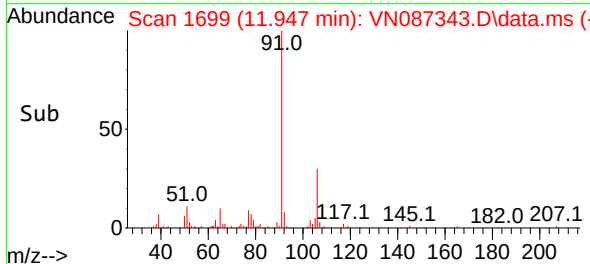
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 91 Resp: 82572
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5

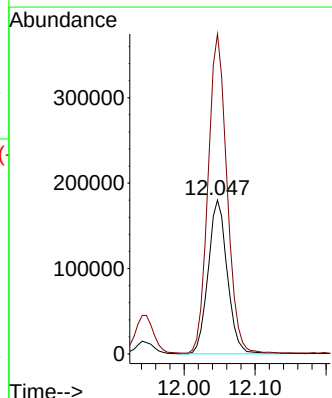
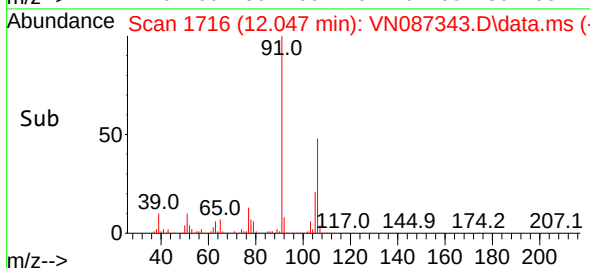
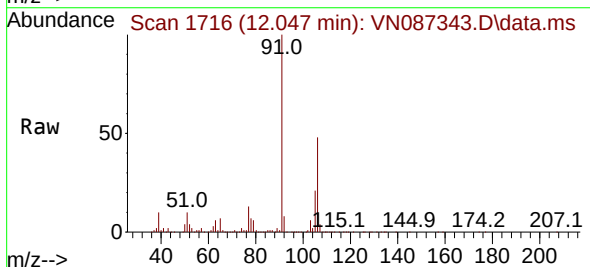
Manual Integrations
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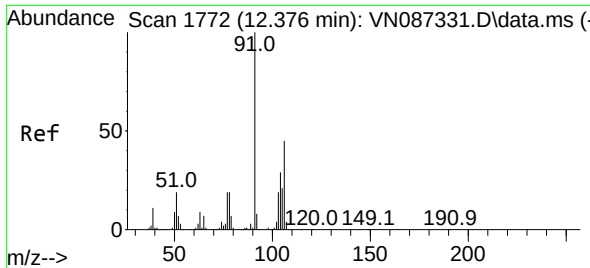
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#68
m/p-Xylenes
Concen: 59.361 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42

Tgt Ion:106 Resp: 335658
Ion Ratio Lower Upper
106 100
91 205.4 162.0 243.0





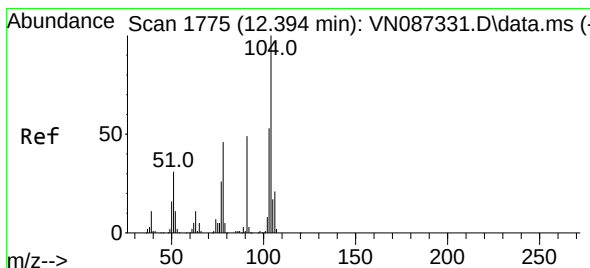
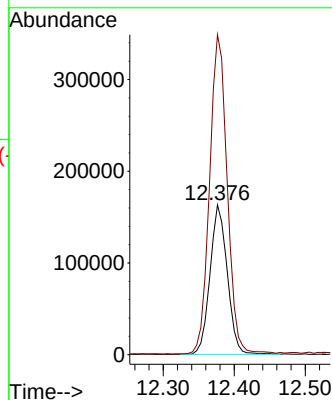
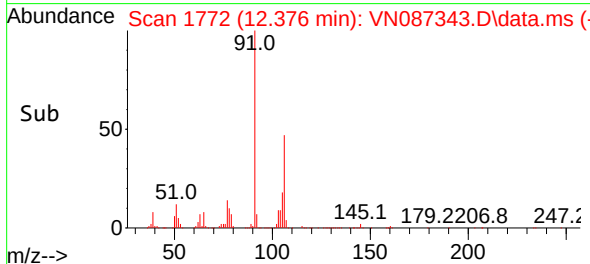
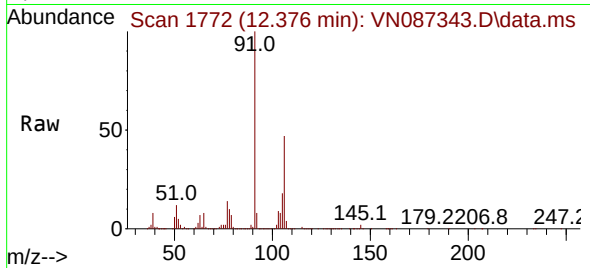
#69
o-Xylene
Concen: 50.895 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42

Instrument :
MSVOA_N
ClientSampleId :
710-CME

Tgt Ion:106 Resp: 27490
Ion Ratio Lower Upper
106 100
91 218.6 107.7 323.3

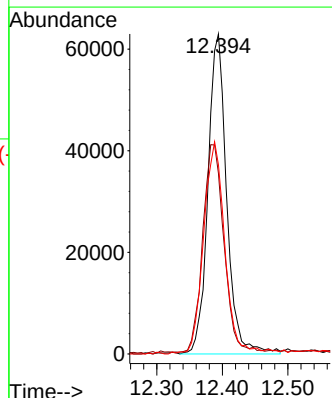
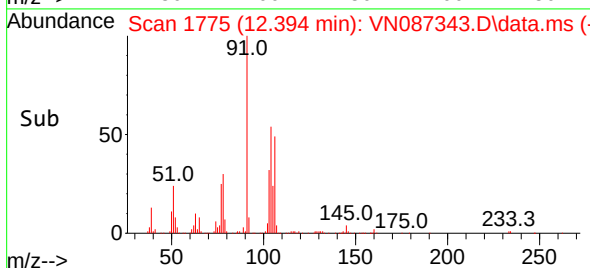
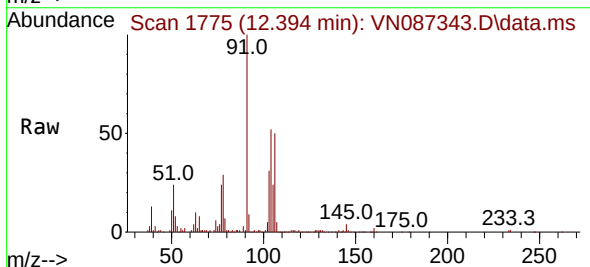
Manual Integrations
APPROVED

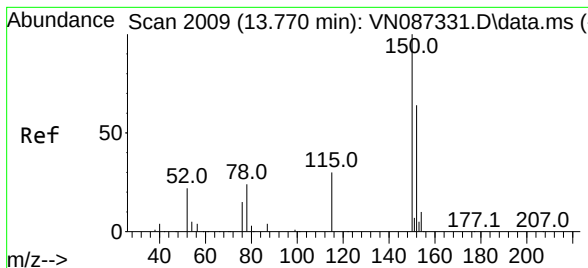
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025



#70
Styrene
Concen: 13.783 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42

Tgt Ion:104 Resp: 125236
Ion Ratio Lower Upper
104 100
78 72.9 41.0 61.6#
103 74.9 43.9 65.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN087343.D

Acq: 17 Jul 2025 14:42

Instrument :

MSVOA_N

ClientSampleId :

710-CME

Tgt Ion:152 Resp: 195098

Ion Ratio Lower Upper

152 100

115 69.8 31.1 93.5

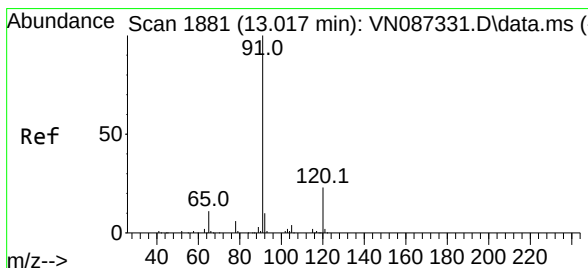
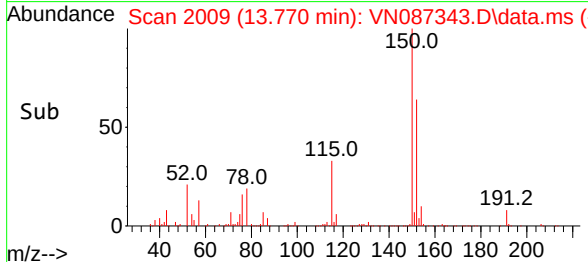
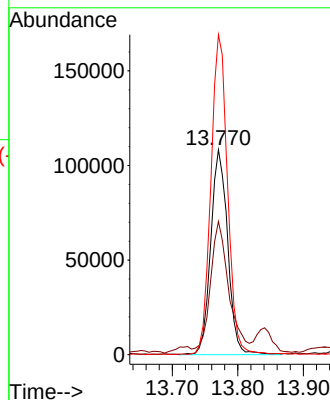
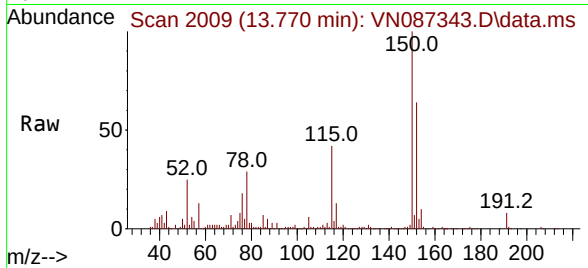
150 152.9 0.0 349.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/18/2025

Supervised By :Semsettin Yesilyurt 07/21/2025



#78

n-propylbenzene

Concen: 2.306 ug/l

RT: 13.018 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VN087343.D

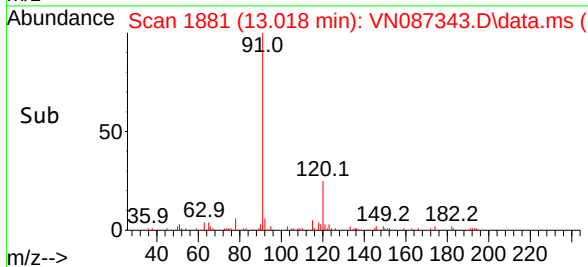
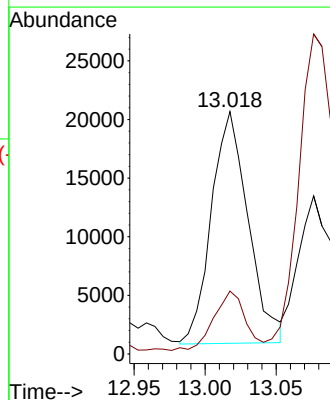
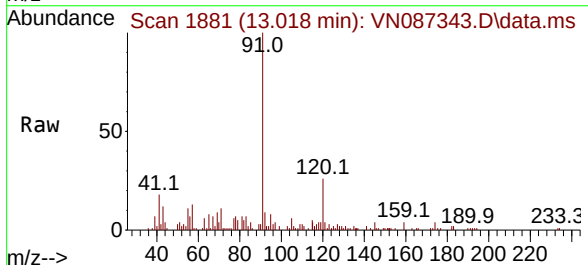
Acq: 17 Jul 2025 14:42

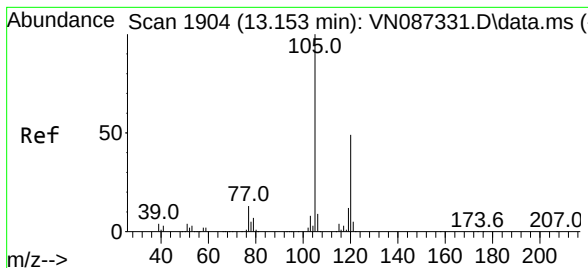
Tgt Ion: 91 Resp: 35633

Ion Ratio Lower Upper

91 100

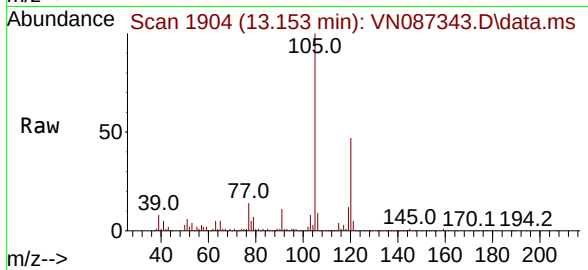
120 22.0 11.3 33.8





#80
1,3,5-Trimethylbenzene
Concen: 40.092 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42

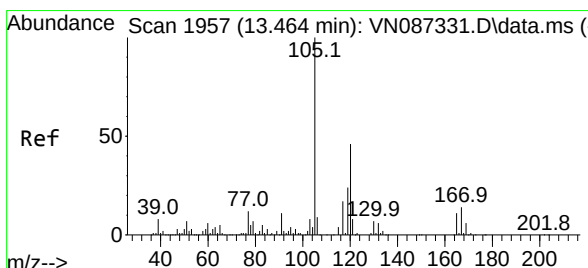
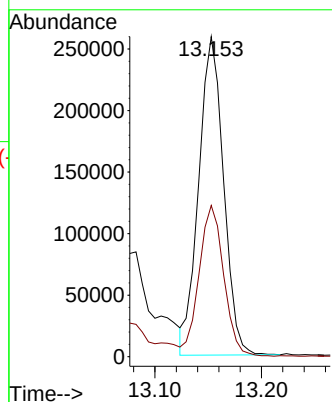
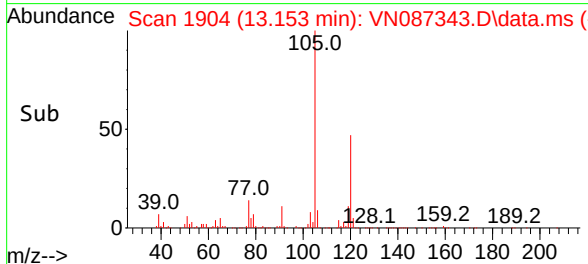
Instrument :
MSVOA_N
ClientSampleId :
710-CME



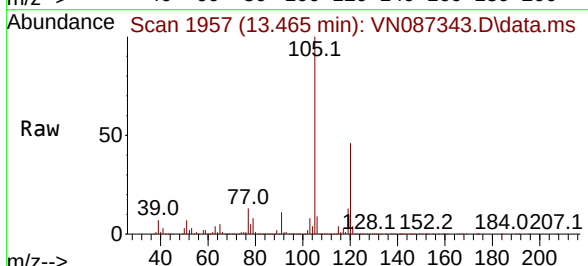
Tgt Ion:105 Resp: 41944
Ion Ratio Lower Upper
105 100
120 46.9 24.3 72.8

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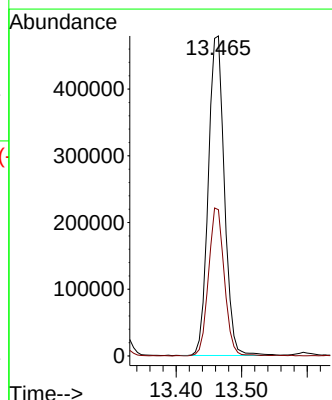
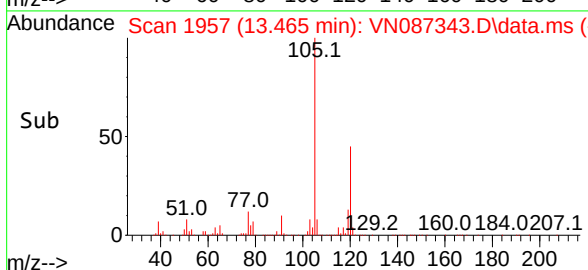
Reviewed By :Mahesh Dadoda 07/18/2025
Supervised By :Semsettin Yesilyurt 07/21/2025

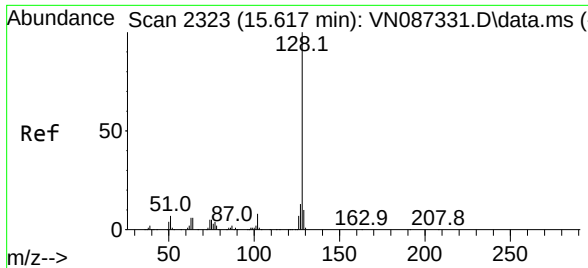


#84
1,2,4-Trimethylbenzene
Concen: 76.457 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42



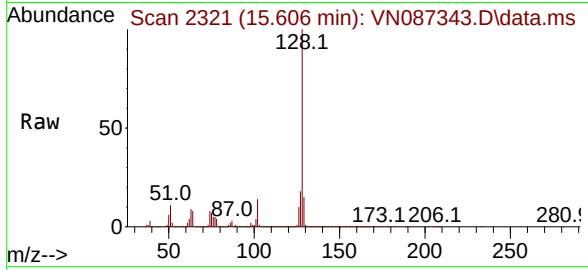
Tgt Ion:105 Resp: 816866
Ion Ratio Lower Upper
105 100
120 45.5 22.8 68.3





#95
Naphthalene
Concen: 1859.381 ug/l m
RT: 15.606 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN087343.D
Acq: 17 Jul 2025 14:42

Instrument :
MSVOA_N
ClientSampleId :
710-CME



Tgt Ion:128 Resp:22910019
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7
129 0.0 8.4 12.6

Manual Integrations
APPROVED

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

