

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
 Data File : VN087635.D
 Acq On : 22 Aug 2025 12:58
 Operator : JC\MD
 Sample : Q2920-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/25/2025
 Supervised By : Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:19:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	170971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	391923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	359931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	171098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	185047	52.825	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.660%			
35) Dibromofluoromethane	8.153	113	138328	48.885	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.760%			
50) Toluene-d8	10.547	98	510948	48.244	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.480%			
62) 4-Bromofluorobenzene	12.829	95	177441	47.111	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.220%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	11245m	5.897	ug/l	
73) Isopropylbenzene	12.676	105	13885	1.004	ug/l	92
78) n-propylbenzene	13.017	91	27993	1.644	ug/l	94

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

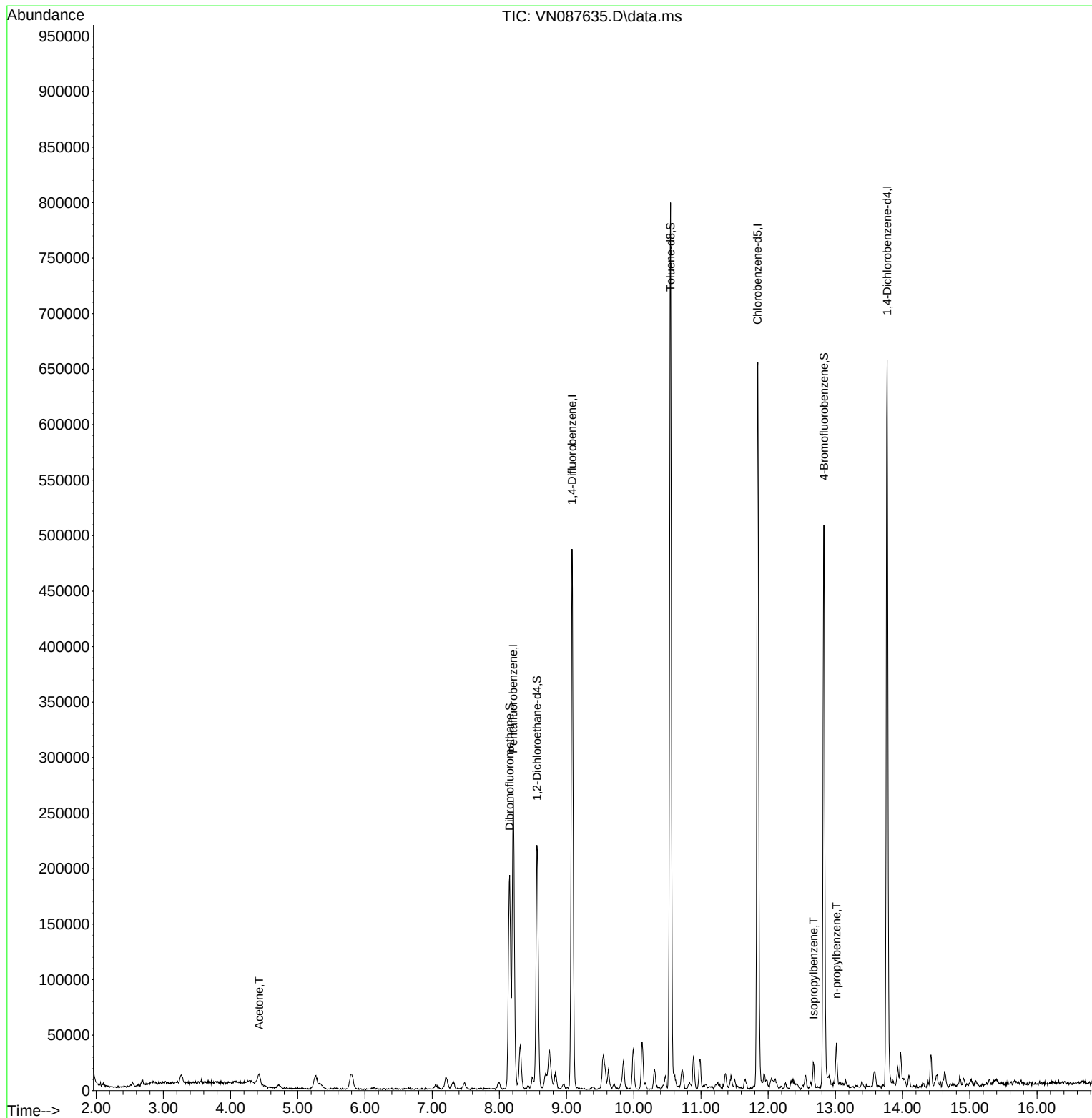
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087635.D
Acq On : 22 Aug 2025 12:58
Operator : JC\MD
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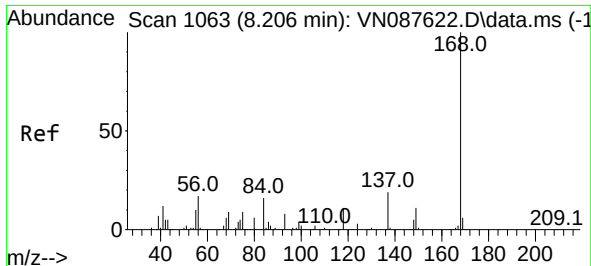
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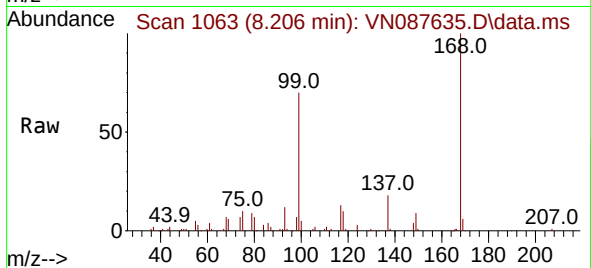
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087635.D
Acq: 22 Aug 2025 12:58

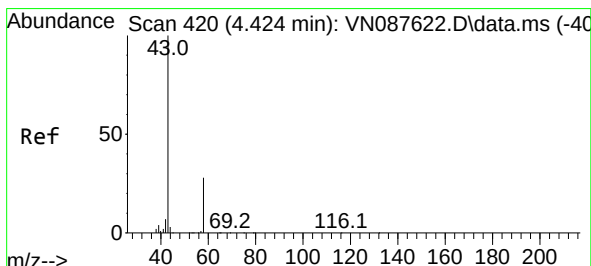
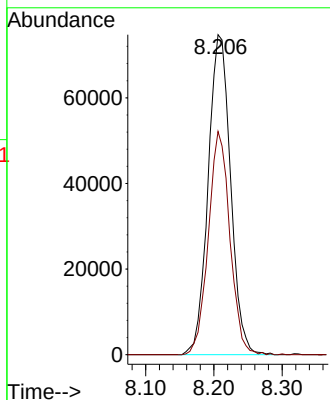
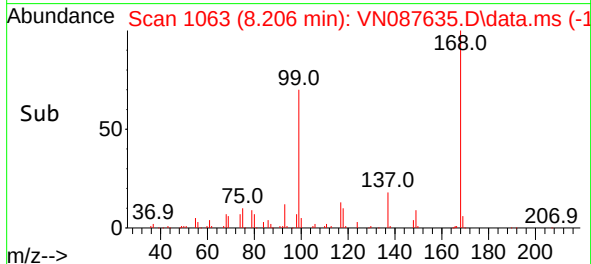
Instrument :
MSVOA_N
ClientSampleId :
MW1



Tgt Ion:168 Resp: 17097
Ion Ratio Lower Upper
168 100
99 69.8 57.2 85.8

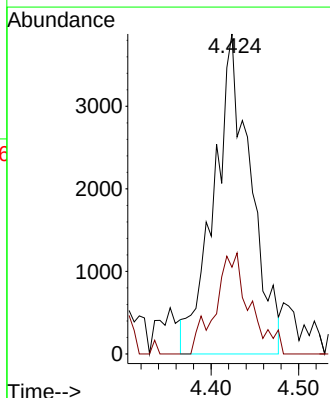
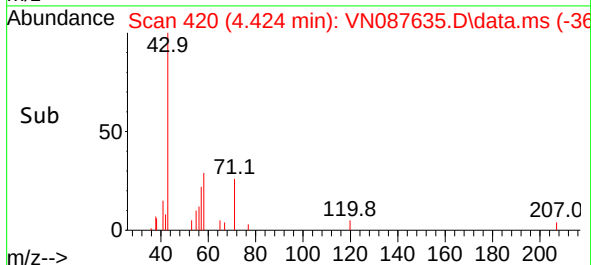
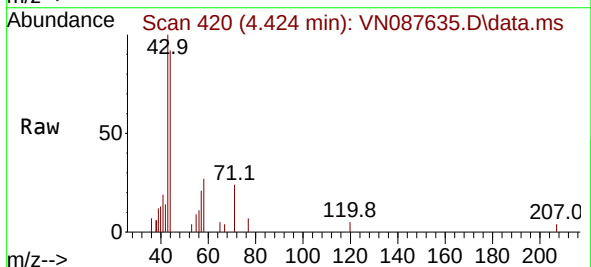
Manual Integrations
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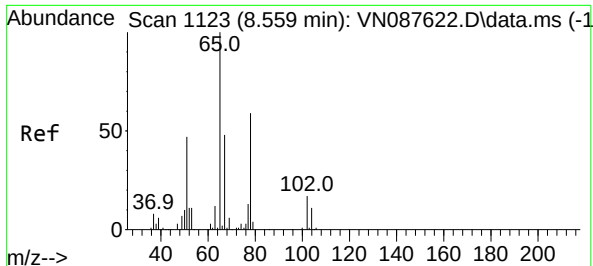
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#16
Acetone
Concen: 5.897 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087635.D
Acq: 22 Aug 2025 12:58

Tgt Ion: 43 Resp: 11245
Ion Ratio Lower Upper
43 100
58 27.1 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 52.825 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087635.D

Acq: 22 Aug 2025 12:58

Instrument :

MSVOA_N

ClientSampleId :

MW1

Tgt Ion: 65 Resp: 18504

Ion Ratio Lower Upper

65 100

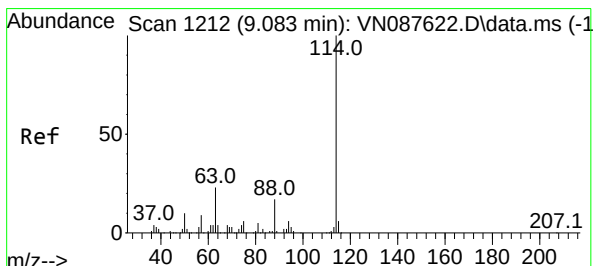
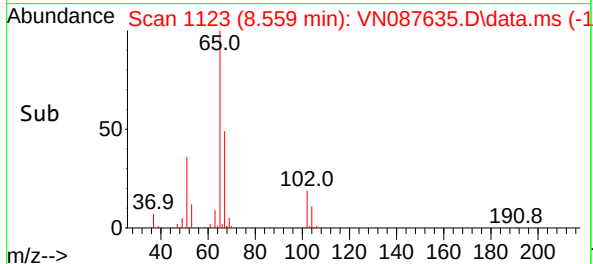
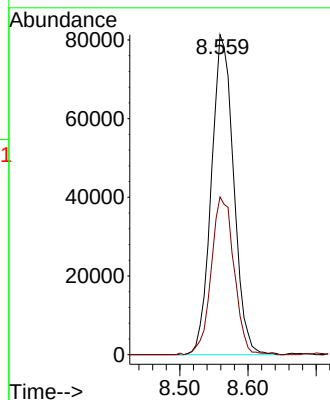
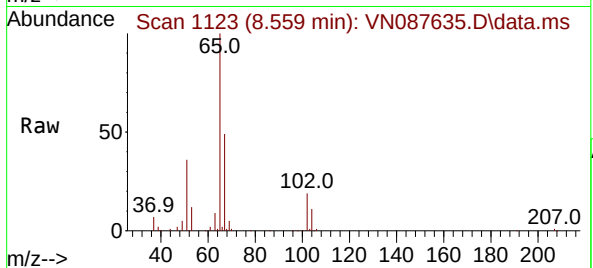
67 50.6 0.0 100.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087635.D

Acq: 22 Aug 2025 12:58

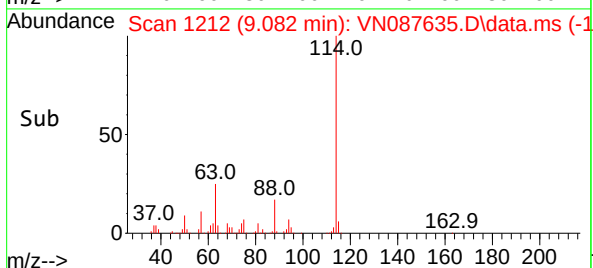
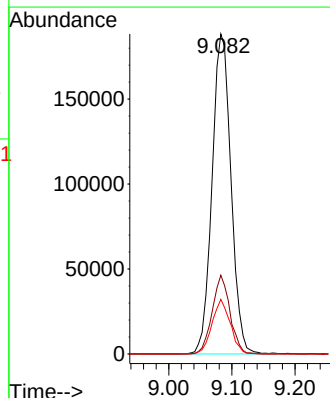
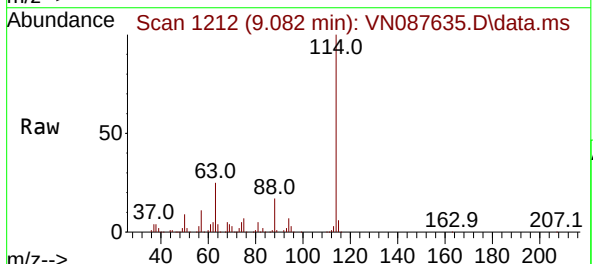
Tgt Ion:114 Resp: 391923

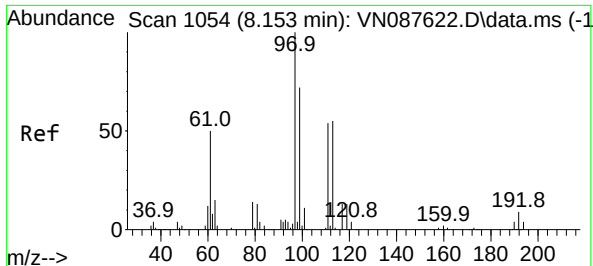
Ion Ratio Lower Upper

114 100

63 24.6 0.0 45.2

88 17.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.885 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087635.D

Acq: 22 Aug 2025 12:58

Instrument :

MSVOA_N

ClientSampleId :

MW1

Tgt Ion:113 Resp: 138328

Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

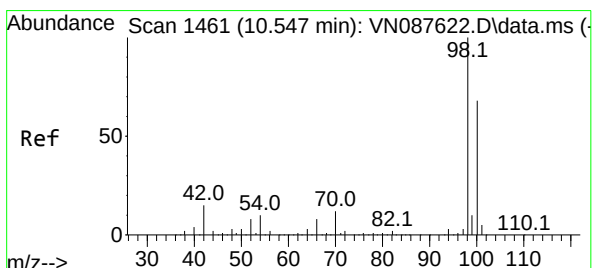
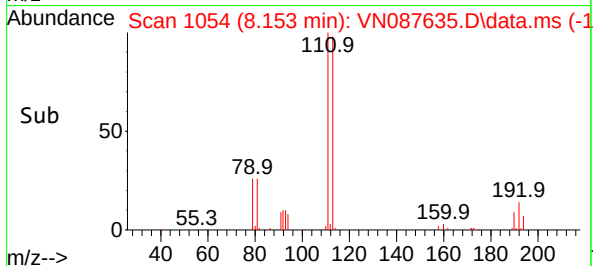
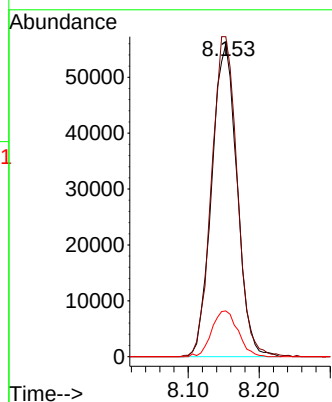
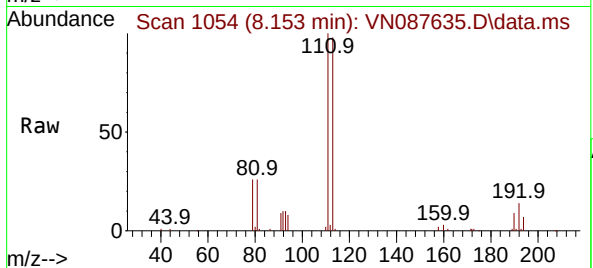
192 15.2 12.8 19.2

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#50

Toluene-d8

Concen: 48.244 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087635.D

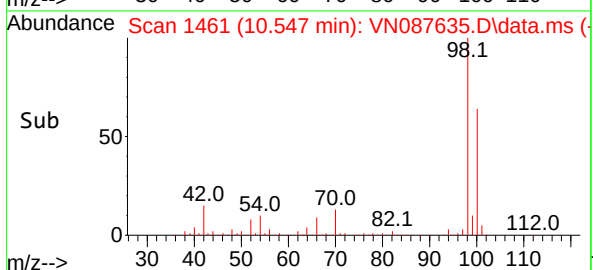
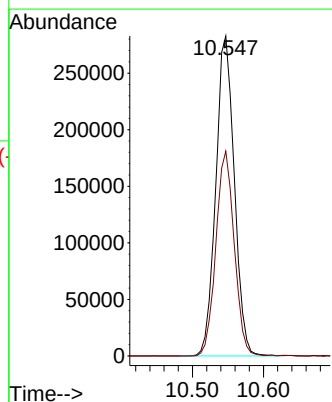
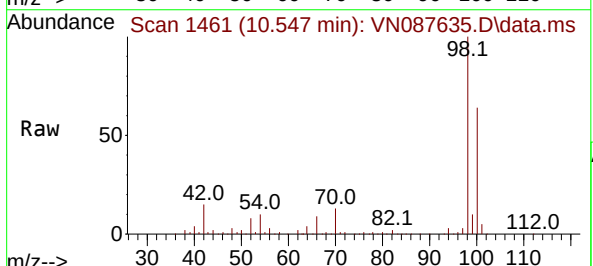
Acq: 22 Aug 2025 12:58

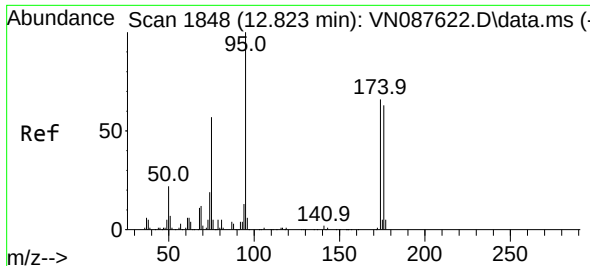
Tgt Ion: 98 Resp: 510948

Ion Ratio Lower Upper

98 100

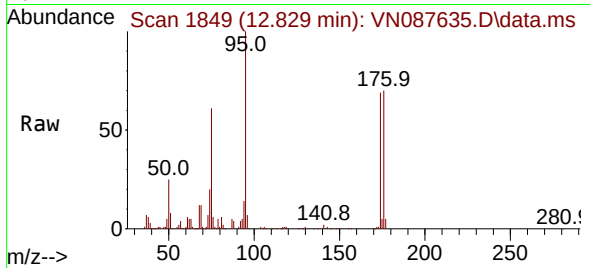
100 63.3 52.8 79.2





#62
4-Bromofluorobenzene
Concen: 47.111 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087635.D
Acq: 22 Aug 2025 12:58

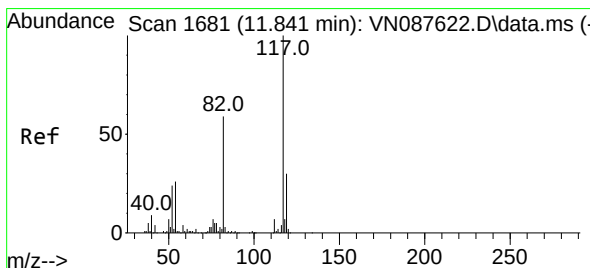
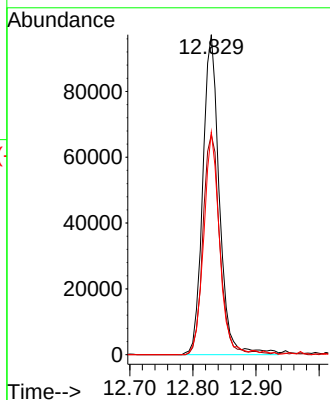
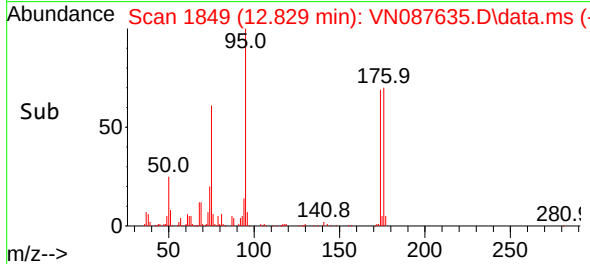
Instrument :
MSVOA_N
ClientSampleId :
MW1



Tgt Ion: 95 Resp: 17744
Ion Ratio Lower Upper
95 100
174 69.4 0.0 138.4
176 65.9 0.0 132.6

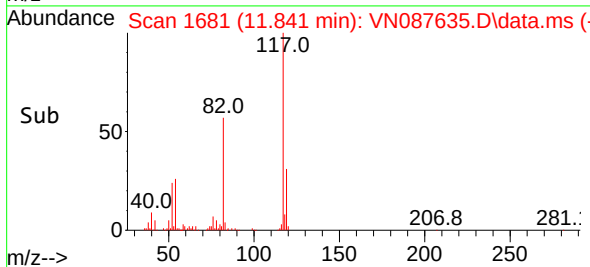
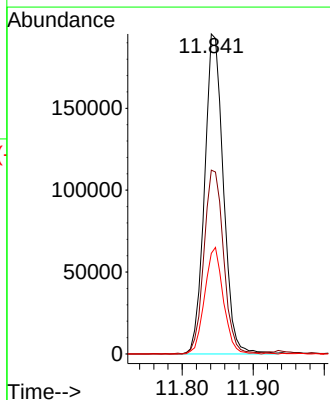
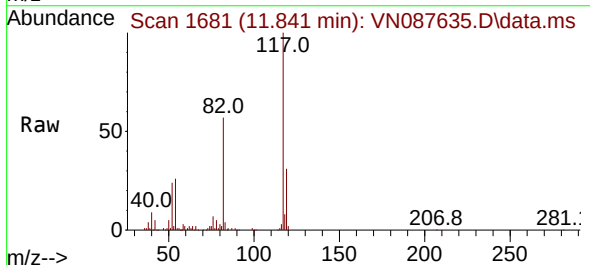
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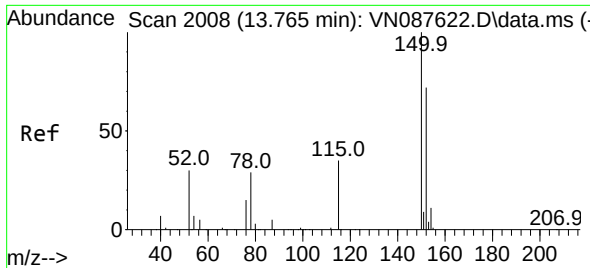
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087635.D
Acq: 22 Aug 2025 12:58

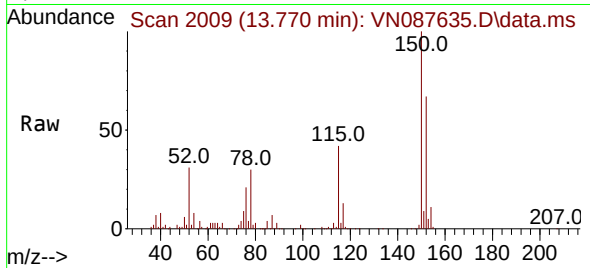
Tgt Ion:117 Resp: 359931
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.5 24.3 36.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087635.D
Acq: 22 Aug 2025 12:58

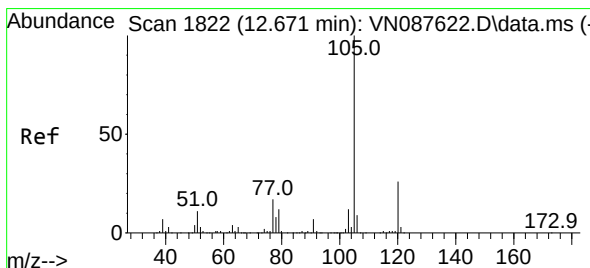
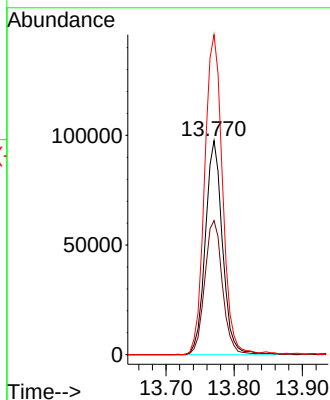
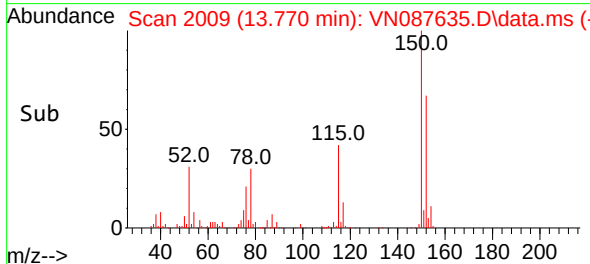
Instrument :
MSVOA_N
ClientSampleId :
MW1



Tgt Ion:152 Resp: 171098
Ion Ratio Lower Upper
152 100
115 64.7 32.3 96.8
150 155.2 0.0 351.0

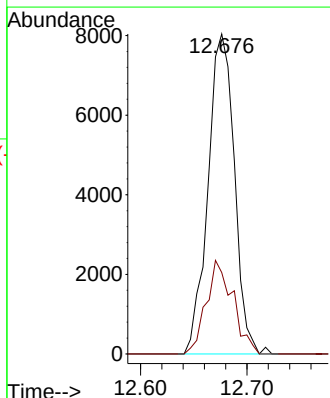
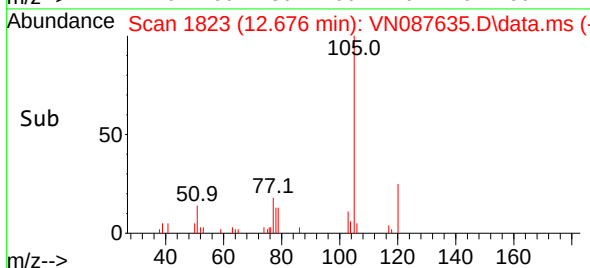
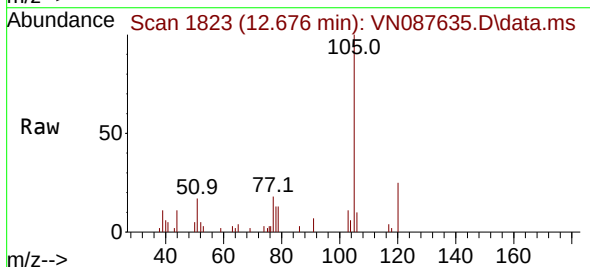
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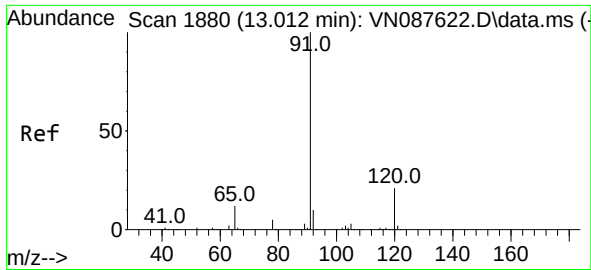
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#73
Isopropylbenzene
Concen: 1.004 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087635.D
Acq: 22 Aug 2025 12:58

Tgt Ion:105 Resp: 13885
Ion Ratio Lower Upper
105 100
120 29.6 12.8 38.3





#78
n-propylbenzene
Concen: 1.644 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN087635.D
Acq: 22 Aug 2025 12:58

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 91 Resp: 27993
Ion Ratio Lower Upper
91 100
120 24.2 10.7 32.1

Manual Integrations
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