

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
 Data File : VN087803.D
 Acq On : 11 Sep 2025 17:09
 Operator : JC\MD
 Sample : Q3072-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30-GARFIELD-PL-COMP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2025
 Supervised By :Mahesh Dadoda 09/12/2025

Quant Time: Sep 12 02:56:08 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	173517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	400494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	410836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	184941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	186460	52.448	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.900%			
35) Dibromofluoromethane	8.147	113	153313	53.021	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.040%			
50) Toluene-d8	10.547	98	542641	50.140	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.280%			
62) 4-Bromofluorobenzene	12.829	95	181823	47.241	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.480%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	107927	55.767	ug/l	91
18) Methyl Acetate	5.012	43	21327	5.263	ug/l	98
20) Methylene Chloride	5.265	84	11932	3.098	ug/l #	74
25) 2-Butanone	7.477	43	13708	5.384	ug/l	99
37) Ethyl Acetate	7.547	43	11428m	1.885	ug/l	
43) Isopropyl Acetate	8.677	43	24925	2.634	ug/l #	91

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

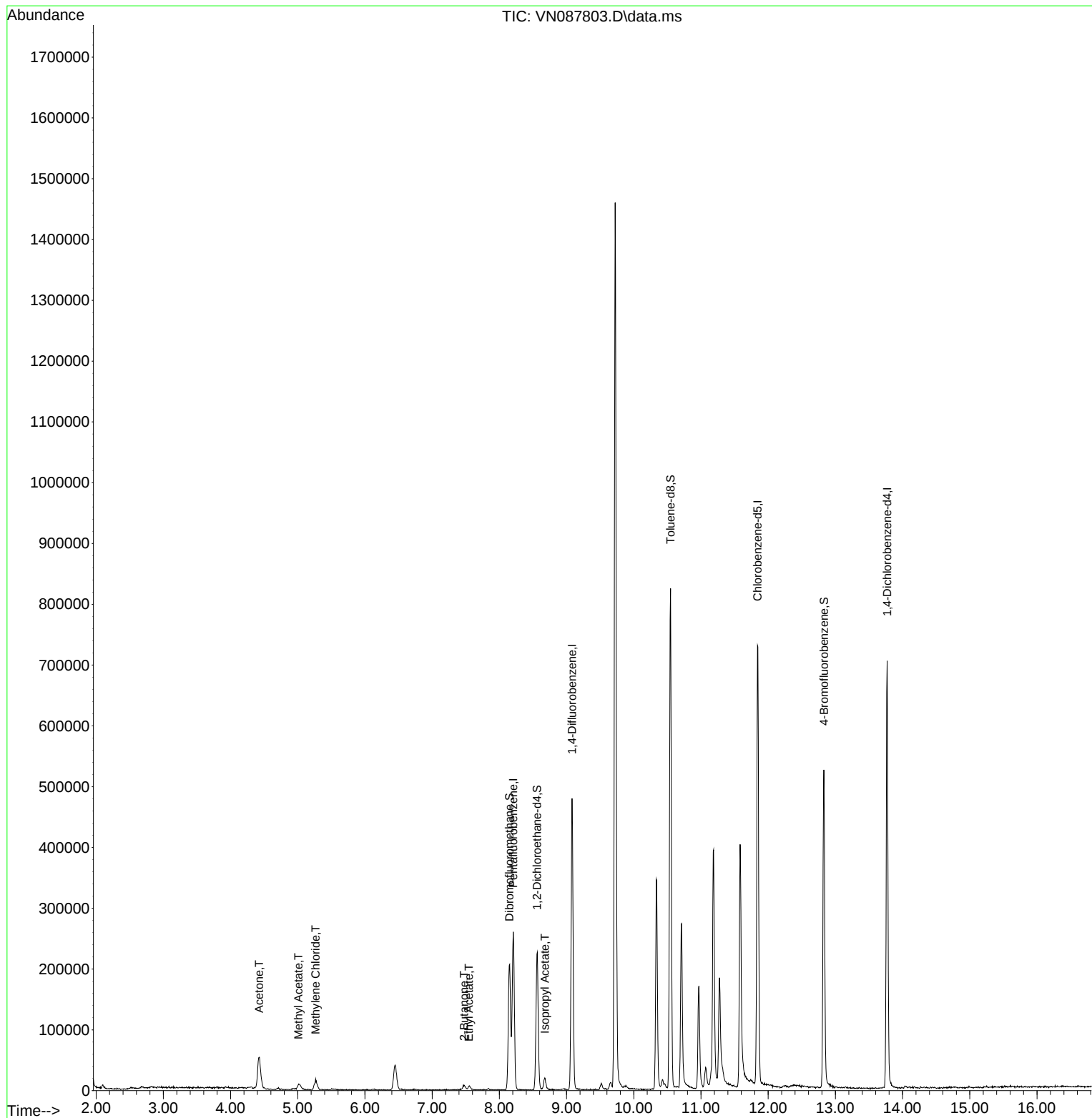
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
Data File : VN087803.D
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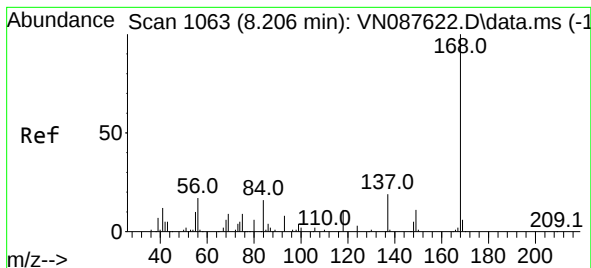
Instrument :
MSVOA_N
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Quant Time: Sep 12 02:56:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
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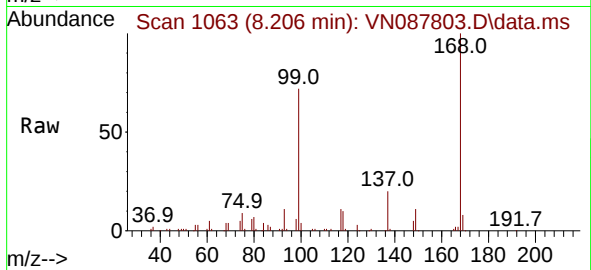
Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087803.D
Acq: 11 Sep 2025 17:09

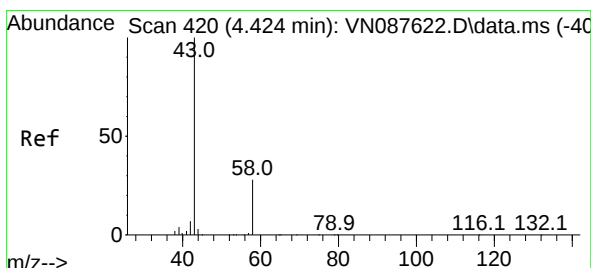
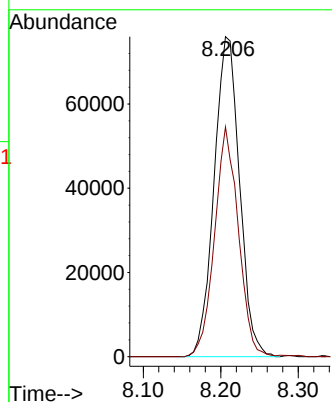
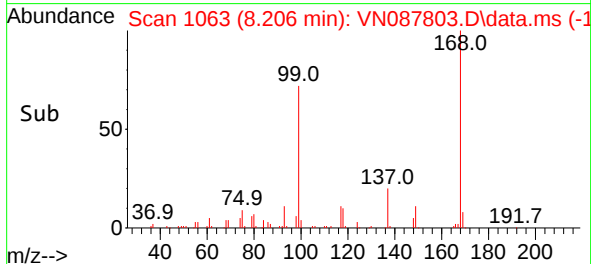
Instrument :
MSVOA_N
ClientSampleId :
30-GARFIELD-PL-COMP



Tgt Ion:168 Resp: 17351
Ion Ratio Lower Upper
168 100
99 71.8 57.2 85.8

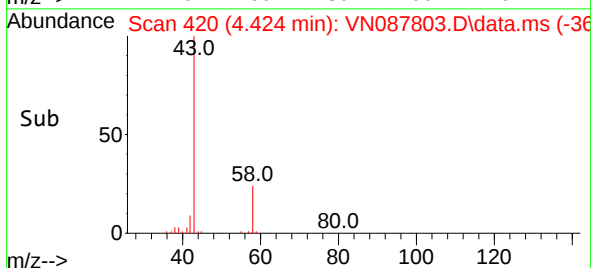
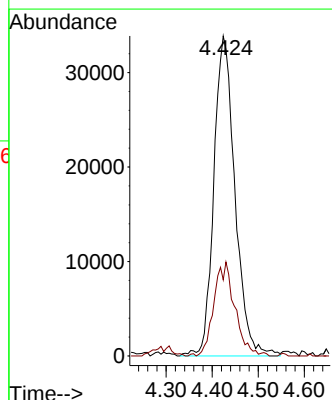
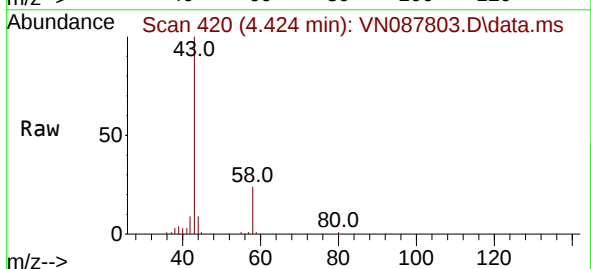
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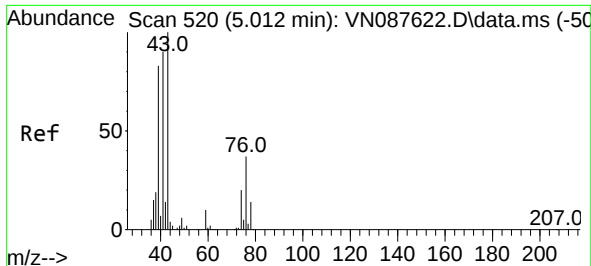
Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025



#16
Acetone
Concen: 55.767 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087803.D
Acq: 11 Sep 2025 17:09

Tgt Ion: 43 Resp: 107927
Ion Ratio Lower Upper
43 100
58 23.3 22.6 33.8





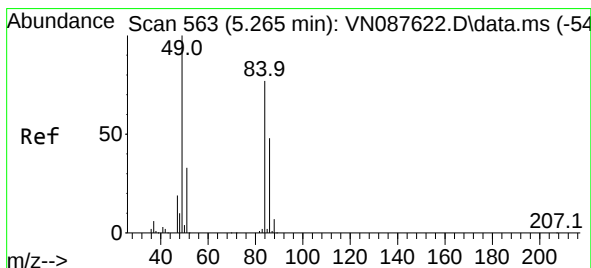
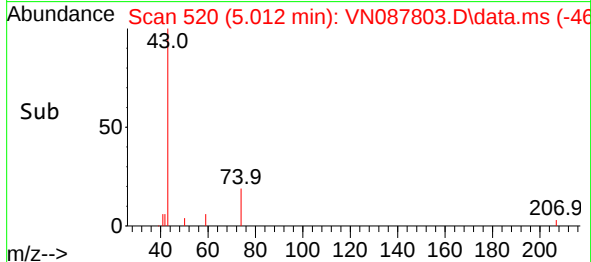
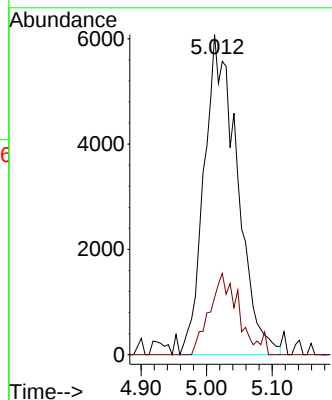
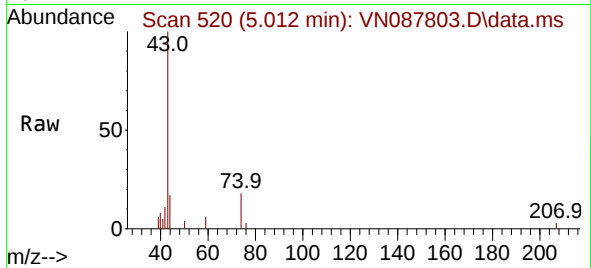
#18
Methyl Acetate
Concen: 5.263 ug/l
RT: 5.012 min Scan# 512
Delta R.T. -0.000 min
Lab File: VN087803.D
Acq: 11 Sep 2025 17:09

Instrument :
MSVOA_N
ClientSampleId :
30-GARFIELD-PL-COMP

Tgt Ion: 43 Resp: 2132
Ion Ratio Lower Upper
43 100
74 21.1 17.6 26.4

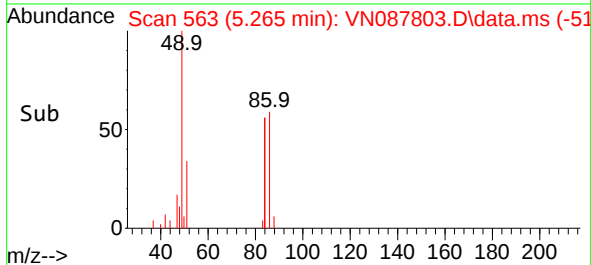
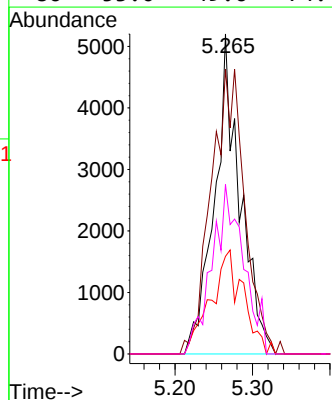
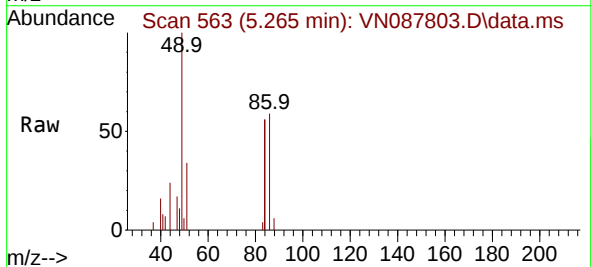
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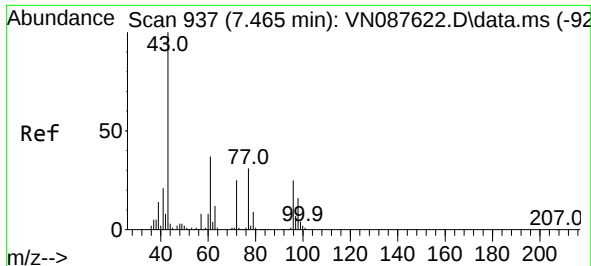
Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025



#20
Methylene Chloride
Concen: 3.098 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087803.D
Acq: 11 Sep 2025 17:09

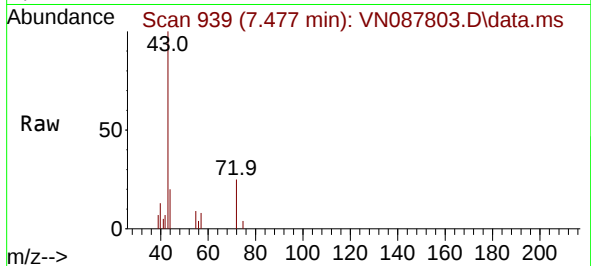
Tgt Ion: 84 Resp: 11932
Ion Ratio Lower Upper
84 100
49 89.0 103.4 155.2#
51 30.5 33.8 50.8#
86 53.0 49.6 74.4





#25
2-Butanone
Concen: 5.384 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.012 min
Lab File: VN087803.D
Acq: 11 Sep 2025 17:09

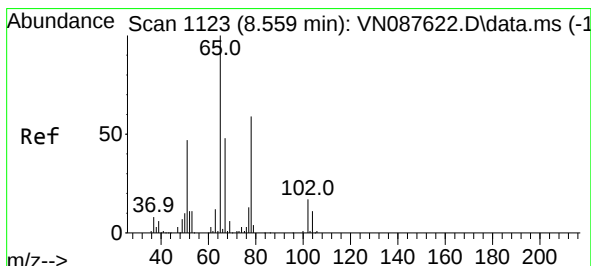
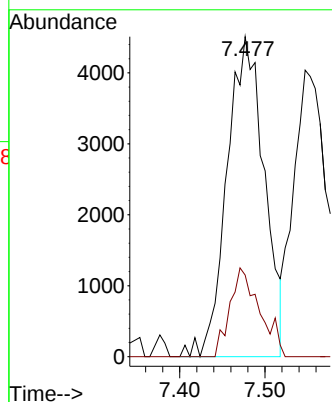
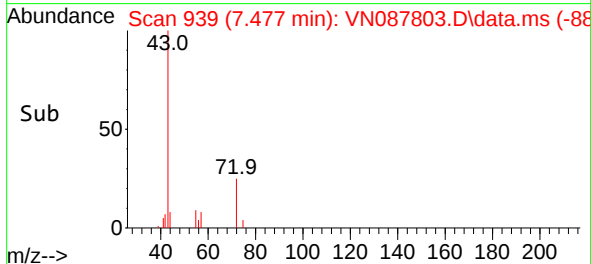
Instrument :
MSVOA_N
ClientSampleId :
30-GARFIELD-PL-COMP



Tgt Ion: 43 Resp: 13708
Ion Ratio Lower Upper
43 100
72 25.5 19.9 29.9

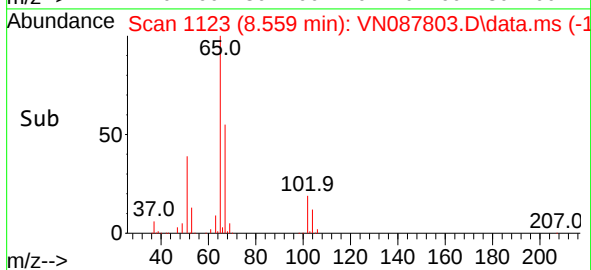
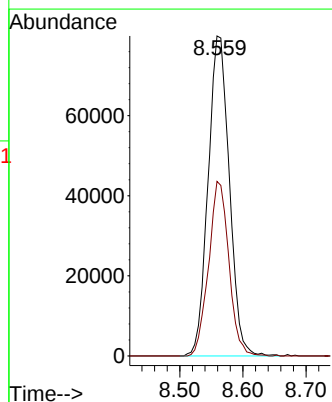
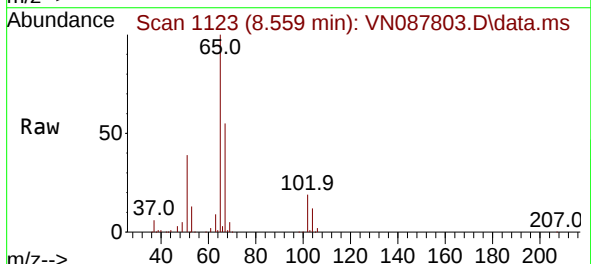
Manual Integrations
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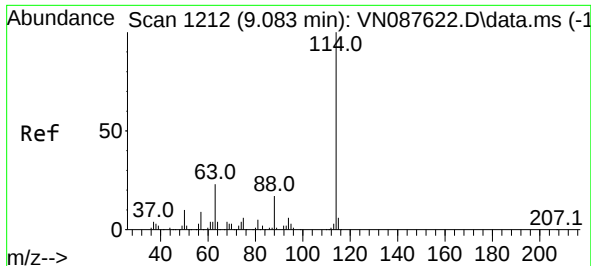
Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025



#33
1,2-Dichloroethane-d4
Concen: 52.448 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087803.D
Acq: 11 Sep 2025 17:09

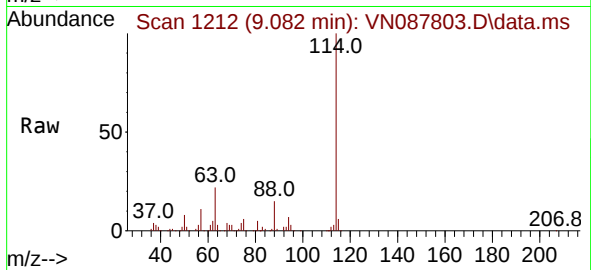
Tgt Ion: 65 Resp: 186460
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087803.D
Acq: 11 Sep 2025 17:09

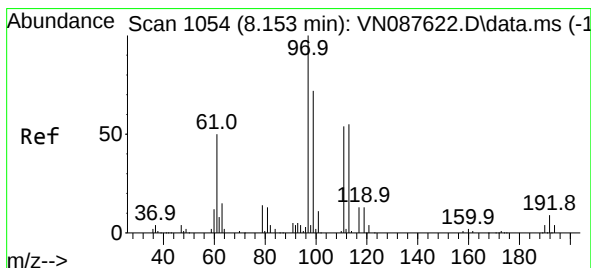
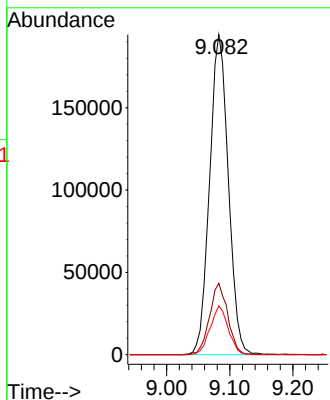
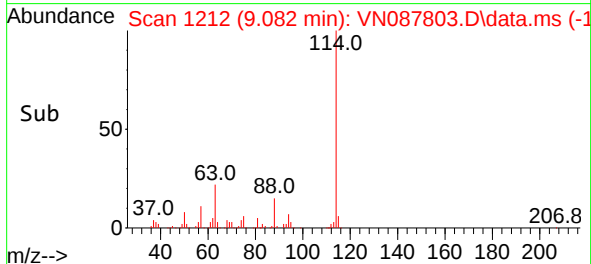
Instrument :
MSVOA_N
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30-GARFIELD-PL-COMP



Tgt Ion:114 Resp: 400494
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.2
88 15.3 0.0 33.4

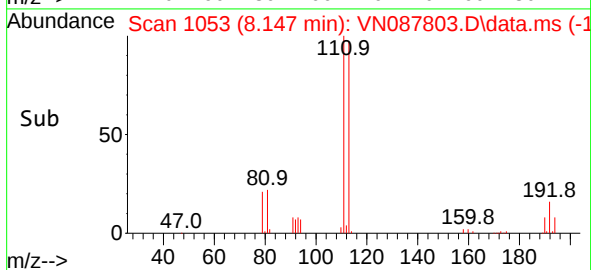
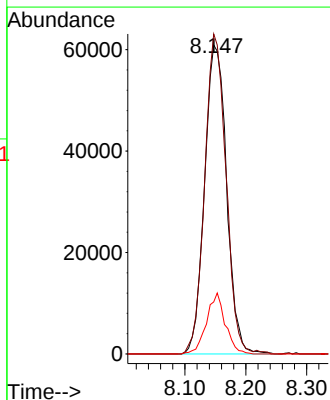
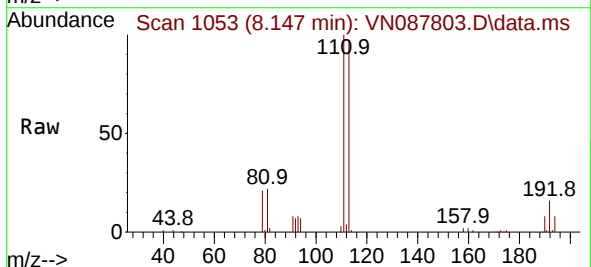
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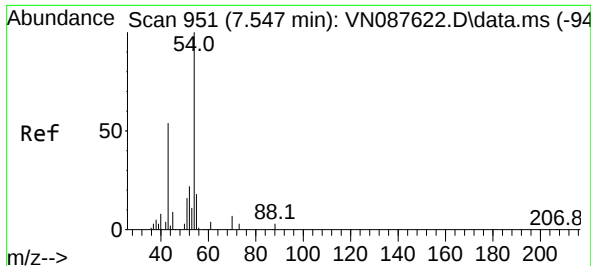
Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025



#35
Dibromofluoromethane
Concen: 53.021 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087803.D
Acq: 11 Sep 2025 17:09

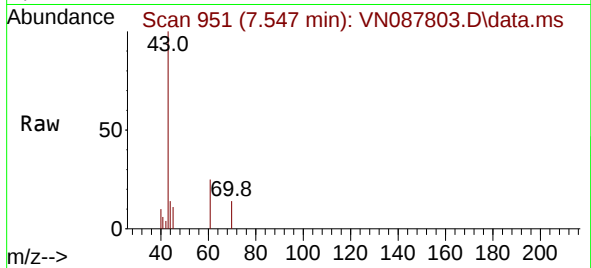
Tgt Ion:113 Resp: 153313
Ion Ratio Lower Upper
113 100
111 99.7 82.8 124.2
192 16.8 12.8 19.2





#37
Ethyl Acetate
Concen: 1.885 ug/l m
RT: 7.547 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN087803.D
Acq: 11 Sep 2025 17:09

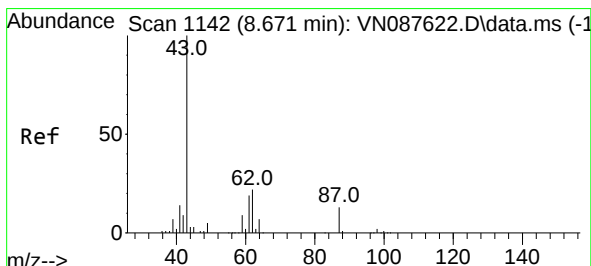
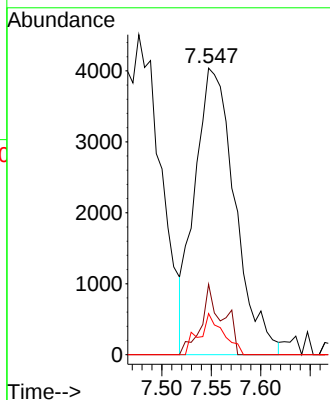
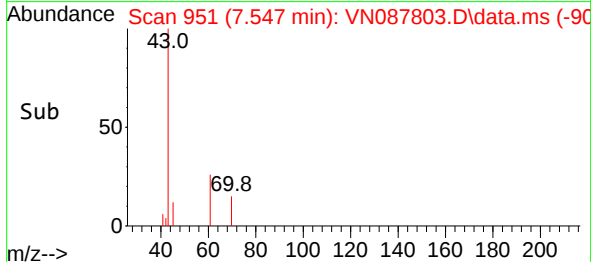
Instrument :
MSVOA_N
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30-GARFIELD-PL-COMP



Tgt Ion: 43 Resp: 11428
Ion Ratio Lower Upper
43 100
61 13.2 9.3 13.9
70 8.5 7.0 10.6

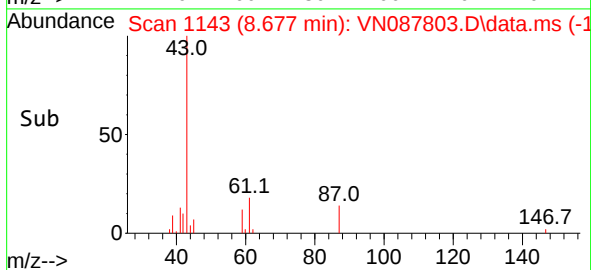
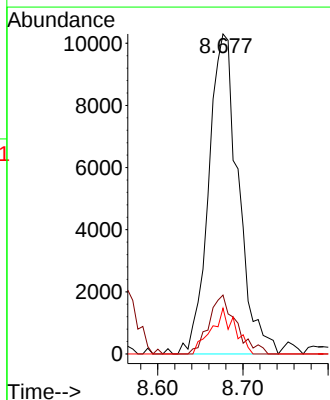
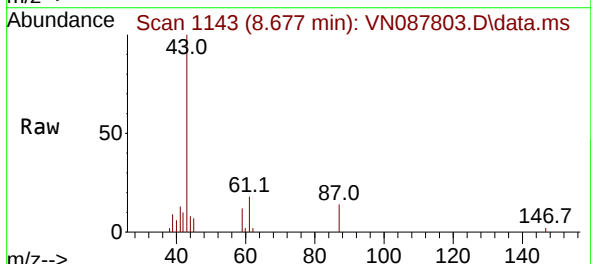
Manual Integrations
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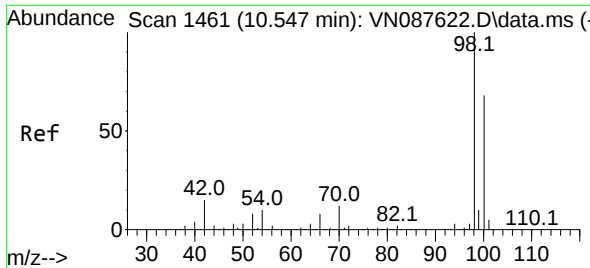
Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025



#43
Isopropyl Acetate
Concen: 2.634 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087803.D
Acq: 11 Sep 2025 17:09

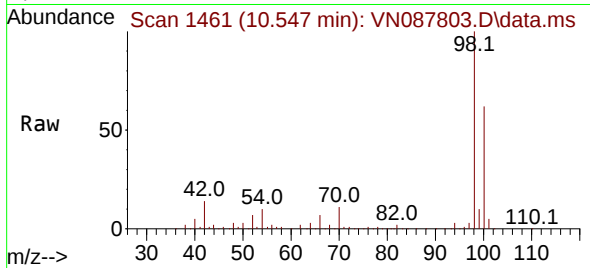
Tgt Ion: 43 Resp: 24925
Ion Ratio Lower Upper
43 100
61 16.9 18.8 28.2#
87 11.4 9.6 14.4





#50
Toluene-d8
Concen: 50.140 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087803.D
Acq: 11 Sep 2025 17:09

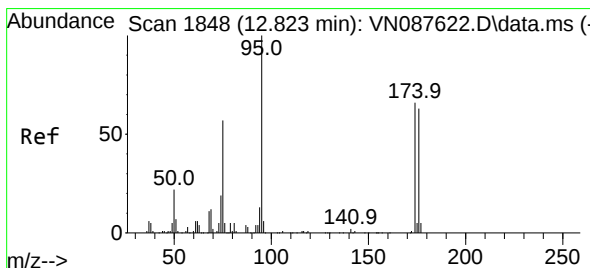
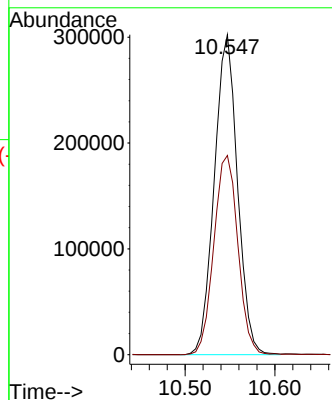
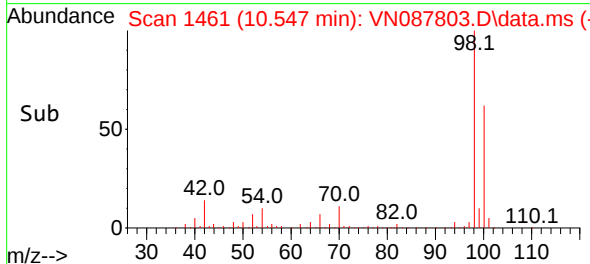
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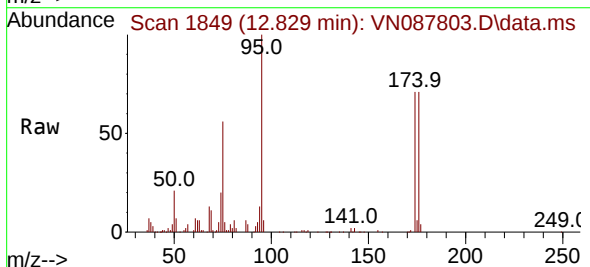
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Ion Ratio Lower Upper
98 100
100 64.5 52.8 79.2

Manual Integrations
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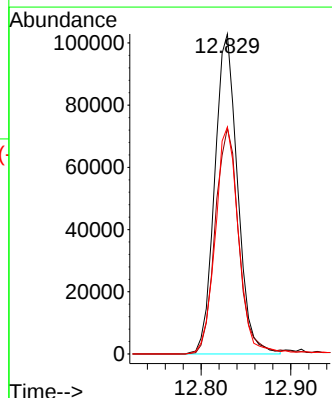
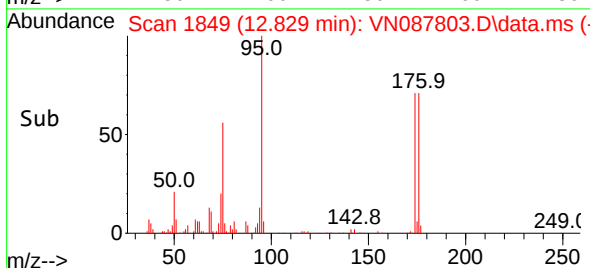
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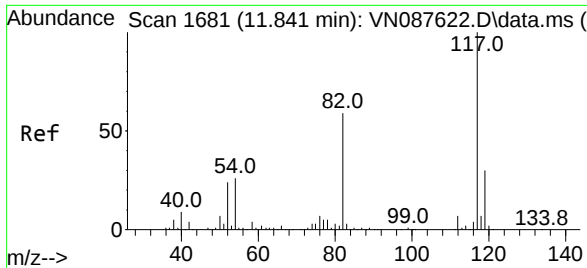


#62
4-Bromofluorobenzene
Concen: 47.241 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087803.D
Acq: 11 Sep 2025 17:09



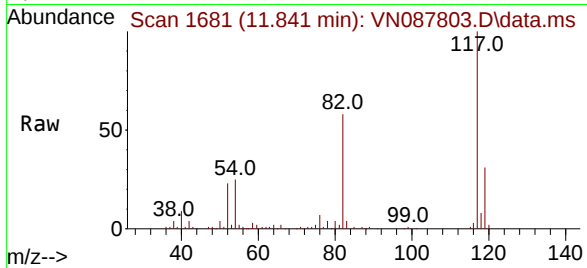
Tgt Ion: 95 Resp: 181823
Ion Ratio Lower Upper
95 100
174 74.0 0.0 138.4
176 72.2 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087803.D
Acq: 11 Sep 2025 17:09

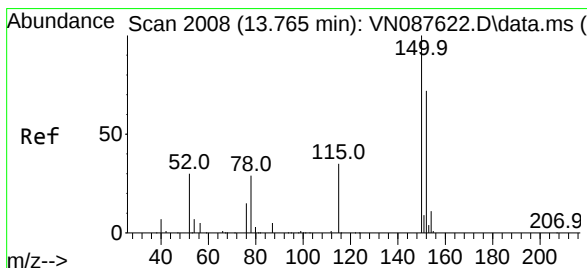
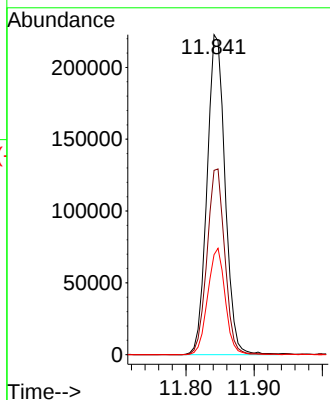
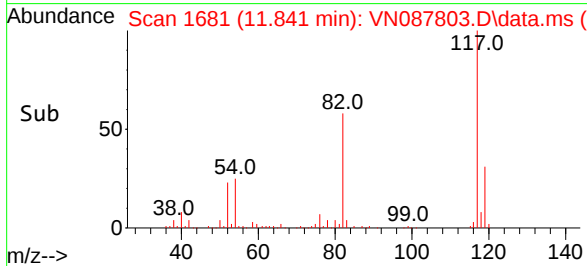
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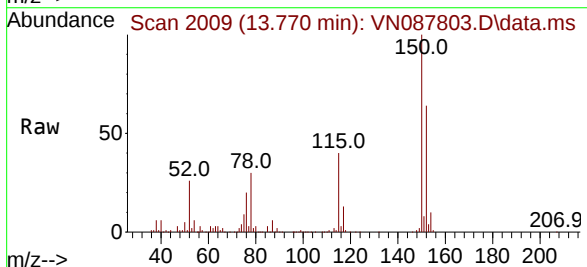
Tgt Ion:117 Resp: 410830
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 31.2 24.3 36.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/12/2025
Supervised By :Mahesh Dadoda 09/12/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087803.D
Acq: 11 Sep 2025 17:09



Tgt Ion:152 Resp: 184941
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 159.0 0.0 351.0

