

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087835.D
 Acq On : 15 Sep 2025 14:20
 Operator : JC\MD
 Sample : Q3092-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 279182

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

Quant Time: Sep 16 01:37:33 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	8.212	168	170877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	400335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	402622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	182693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	189807	54.214	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.420%			
35) Dibromofluoromethane	8.153	113	148459	51.363	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.720%			
50) Toluene-d8	10.547	98	537759	49.708	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.420%			
62) 4-Bromofluorobenzene	12.829	95	177931	46.248	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.500%			
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	143219	75.146	ug/l	98
18) Methyl Acetate	5.024	43	19489	4.884	ug/l #	79
20) Methylene Chloride	5.265	84	14064m	3.959	ug/l	
25) 2-Butanone	7.477	43	22921	9.141	ug/l #	90
43) Isopropyl Acetate	8.677	43	19452	2.056	ug/l #	91

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

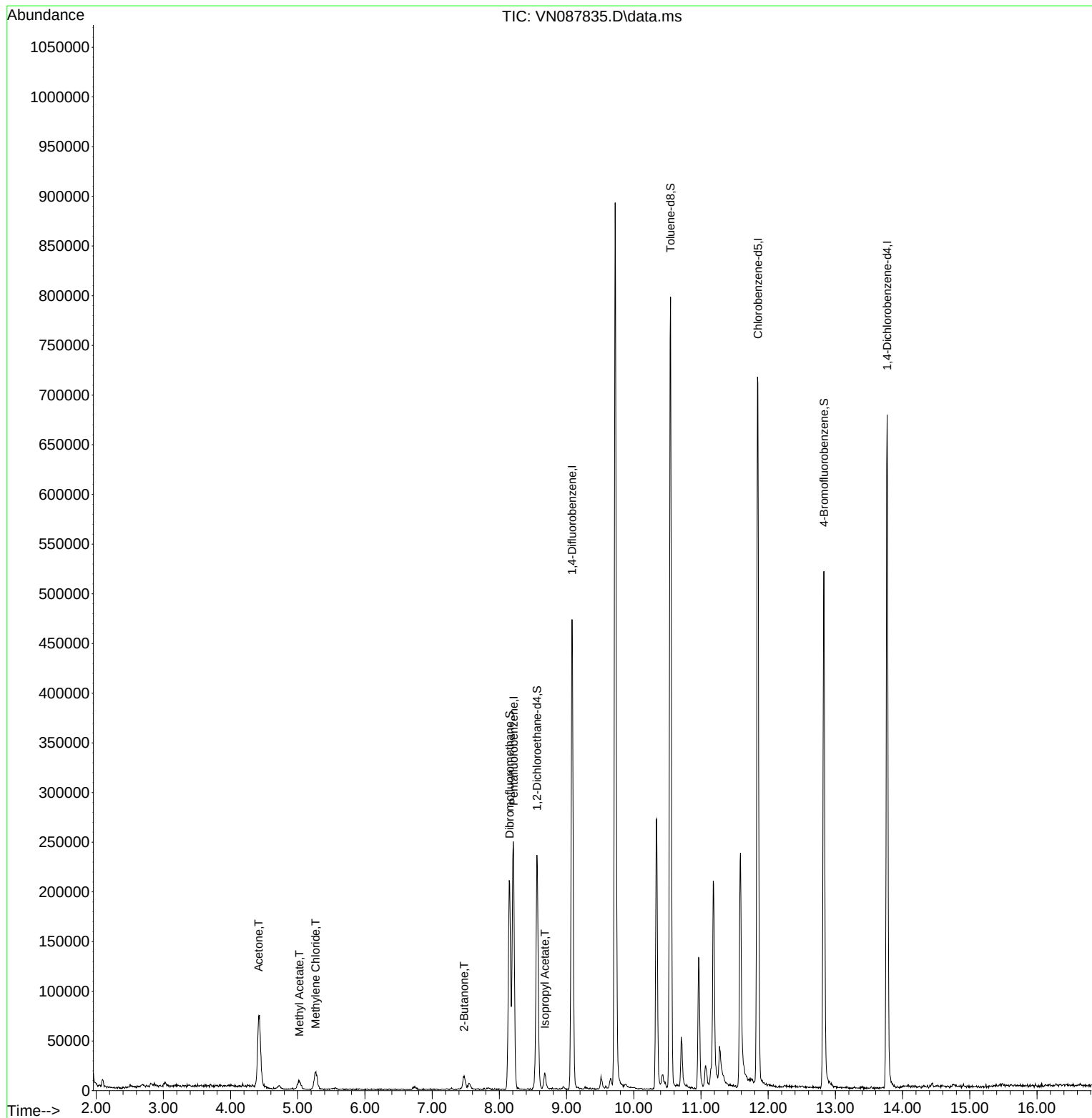
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087835.D
Acq On : 15 Sep 2025 14:20
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Sample : Q3092-03
Misc : 5.0mL/MSVOA_N/WATER
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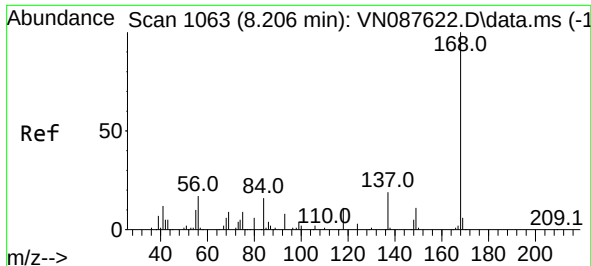
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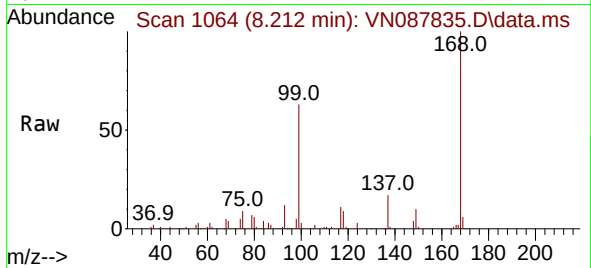
Quant Time: Sep 16 01:37:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087835.D
Acq: 15 Sep 2025 14:20

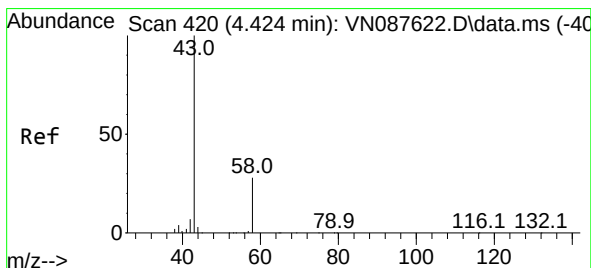
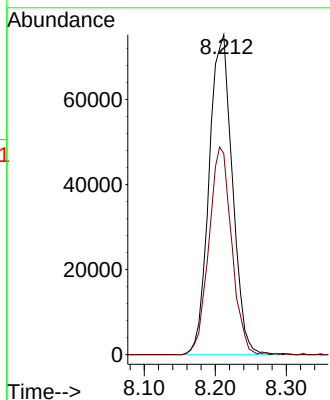
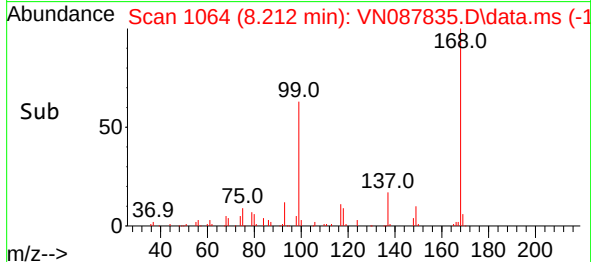
Instrument :
MSVOA_N
ClientSampleId :
279182



Tgt Ion:168 Resp: 17087
Ion Ratio Lower Upper
168 100
99 62.8 57.2 85.8

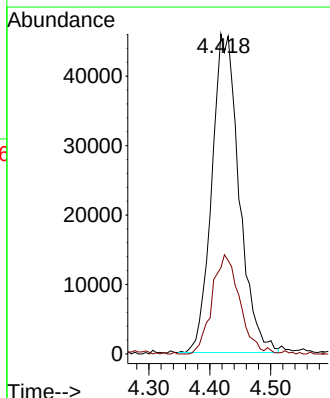
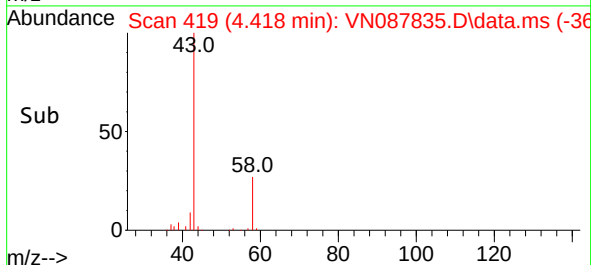
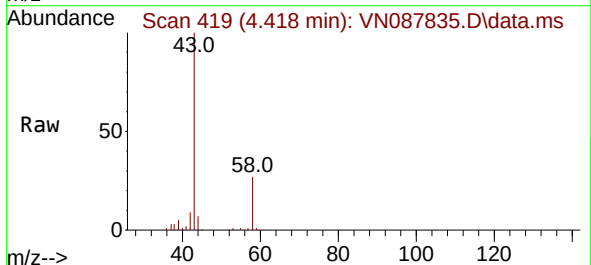
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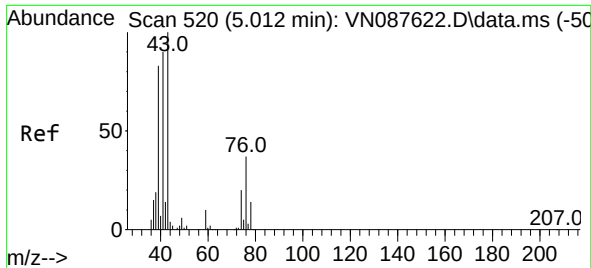
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#16
Acetone
Concen: 75.146 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087835.D
Acq: 15 Sep 2025 14:20

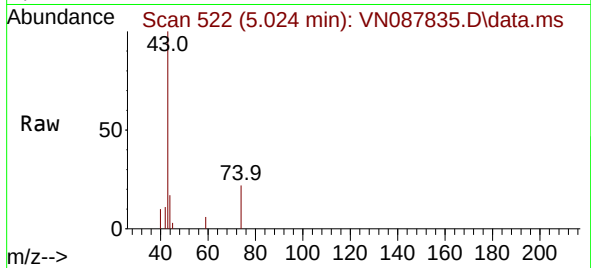
Tgt Ion: 43 Resp: 143219
Ion Ratio Lower Upper
43 100
58 27.1 22.6 33.8





#18
Methyl Acetate
Concen: 4.884 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087835.D
Acq: 15 Sep 2025 14:20

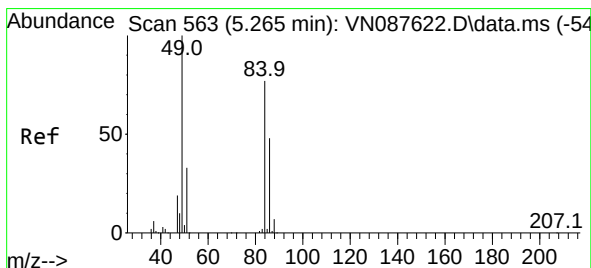
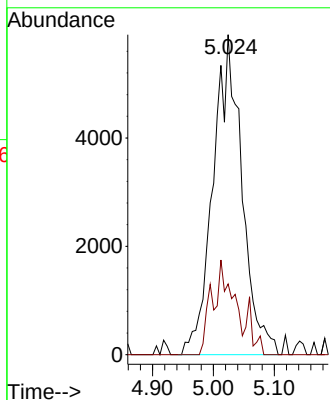
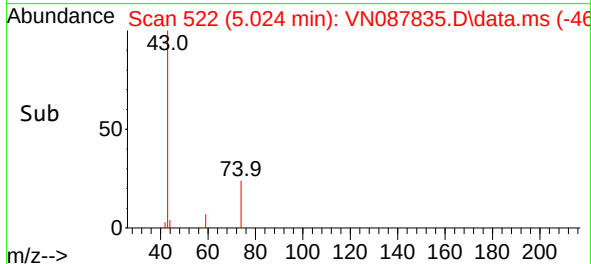
Instrument :
MSVOA_N
ClientSampleId :
279182



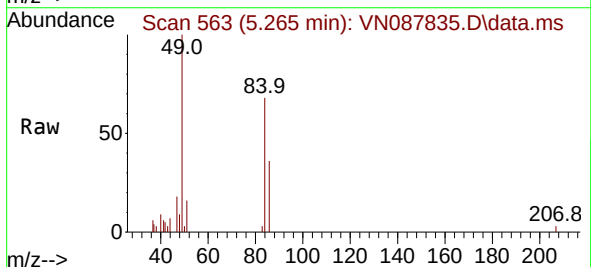
Tgt Ion: 43 Resp: 19489
Ion Ratio Lower Upper
43 100
74 11.8 17.6 26.4

Manual Integrations
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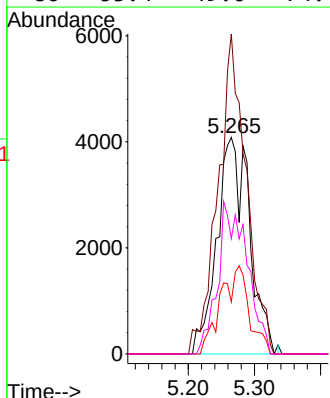
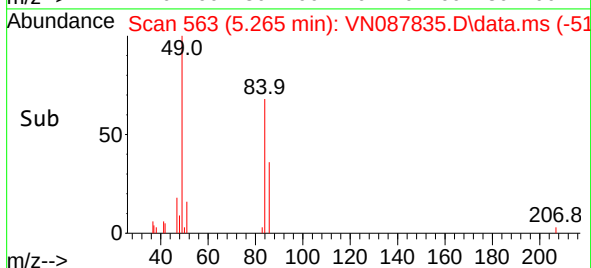
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

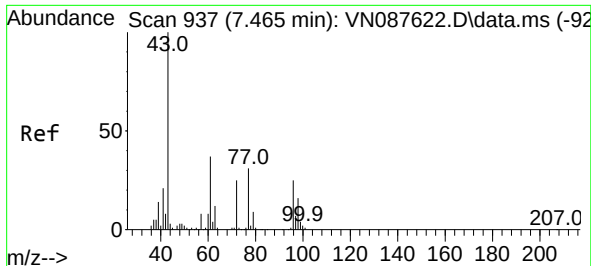


#20
Methylene Chloride
Concen: 3.959 ug/l m
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087835.D
Acq: 15 Sep 2025 14:20



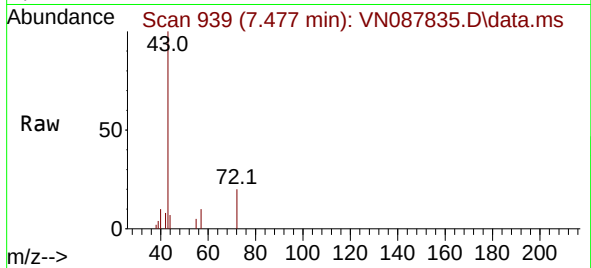
Tgt Ion: 84 Resp: 14064
Ion Ratio Lower Upper
84 100
49 147.8 103.4 155.2
51 24.0 33.8 50.8
86 53.4 49.6 74.4





#25
2-Butanone
Concen: 9.141 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087835.D
Acq: 15 Sep 2025 14:20

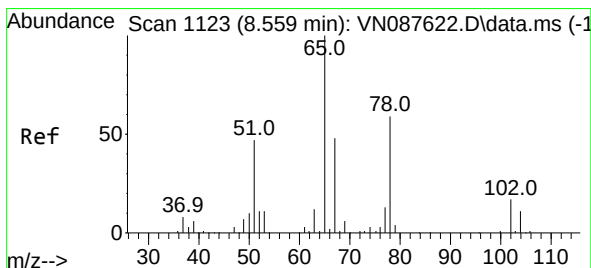
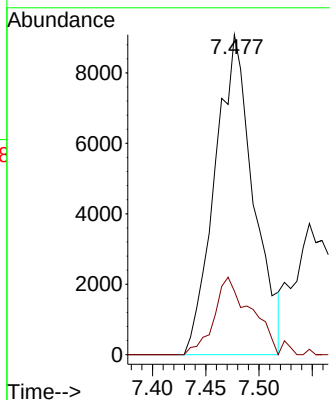
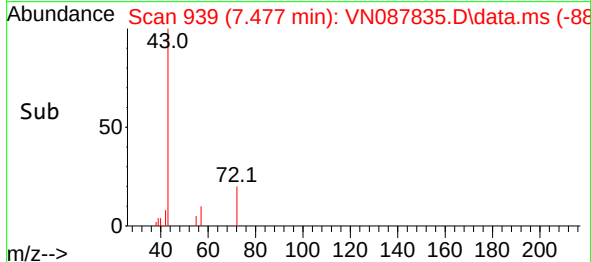
Instrument :
MSVOA_N
ClientSampleId :
279182



Tgt Ion: 43 Resp: 2292
Ion Ratio Lower Upper
43 100
72 19.9 19.9 29.9

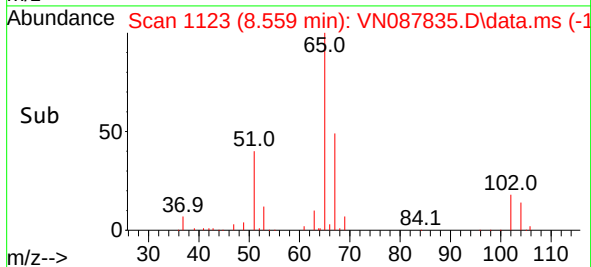
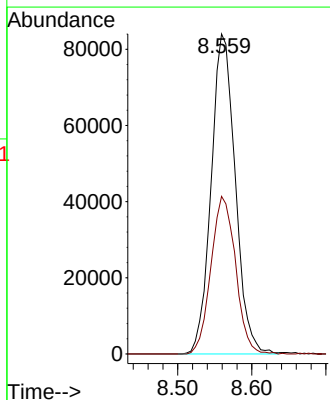
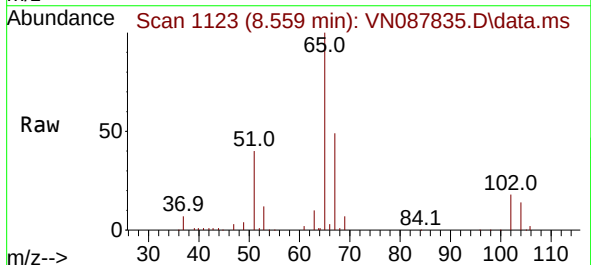
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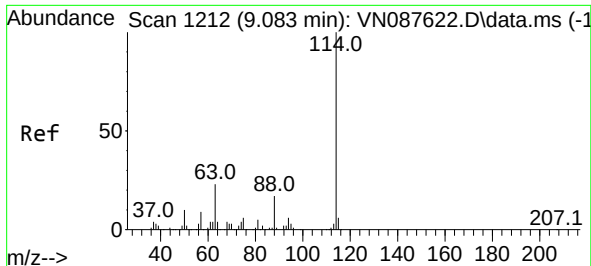
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#33
1,2-Dichloroethane-d4
Concen: 54.214 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087835.D
Acq: 15 Sep 2025 14:20

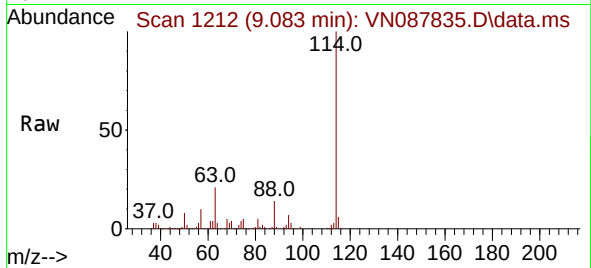
Tgt Ion: 65 Resp: 189807
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN087835.D
Acq: 15 Sep 2025 14:20

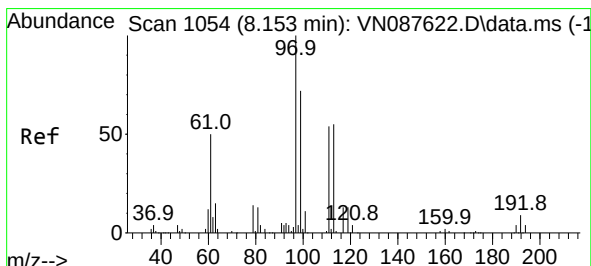
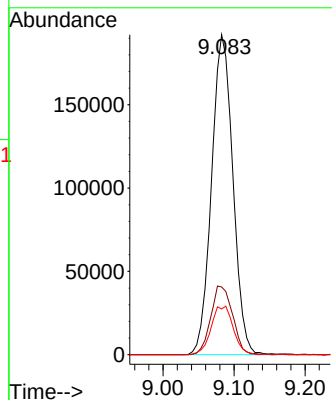
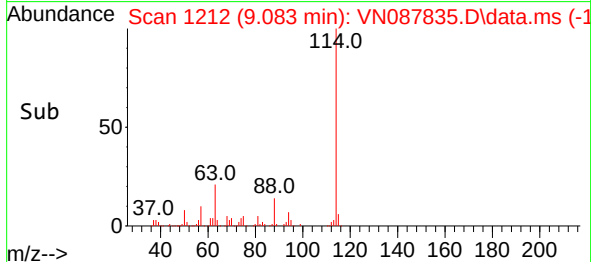
Instrument :
MSVOA_N
ClientSampleId :
279182



Tgt Ion:114 Resp: 400335
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.2
88 14.3 0.0 33.4

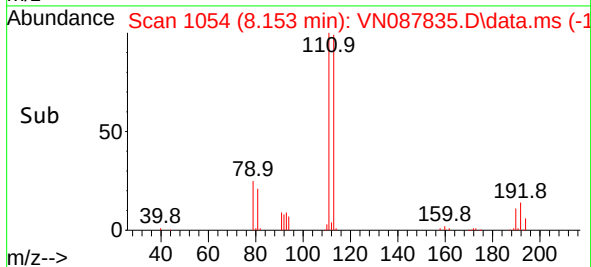
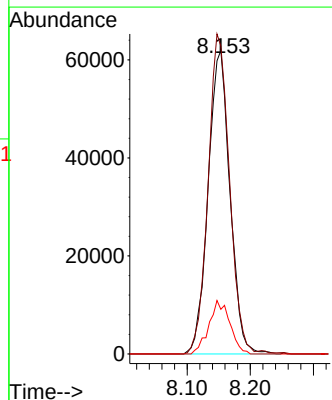
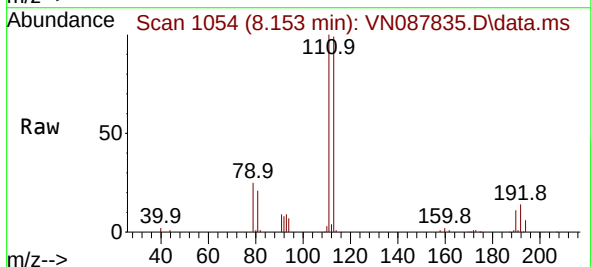
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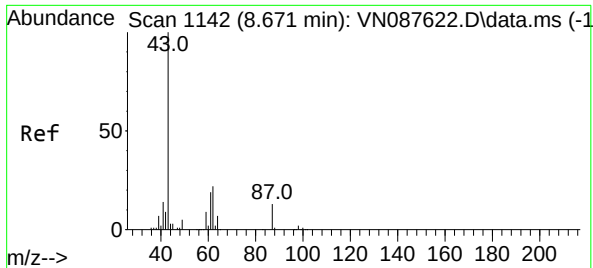
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#35
Dibromofluoromethane
Concen: 51.363 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087835.D
Acq: 15 Sep 2025 14:20

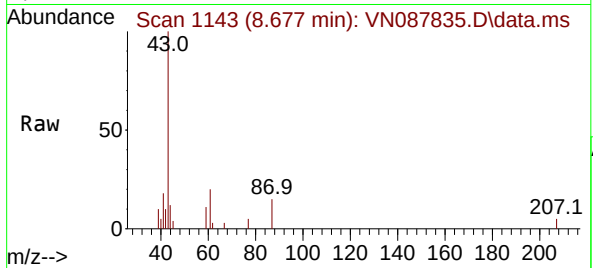
Tgt Ion:113 Resp: 148459
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 17.0 12.8 19.2





#43
Isopropyl Acetate
Concen: 2.056 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087835.D
Acq: 15 Sep 2025 14:20

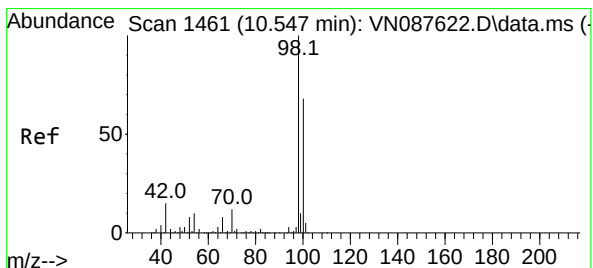
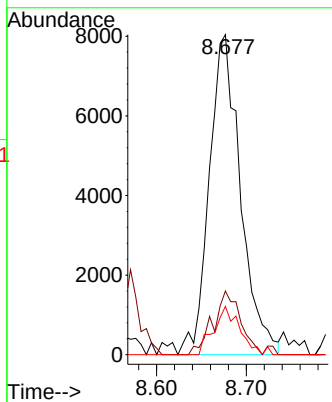
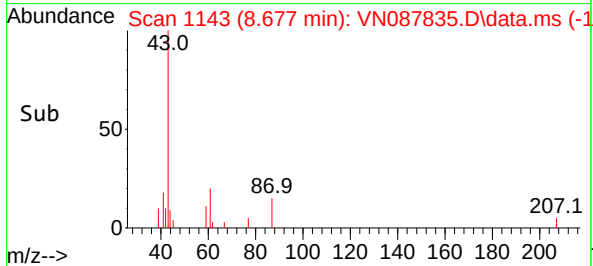
Instrument :
MSVOA_N
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279182



Tgt Ion: 43 Resp: 19452
Ion Ratio Lower Upper
43 100
61 17.4 18.8 28.2
87 12.8 9.6 14.4

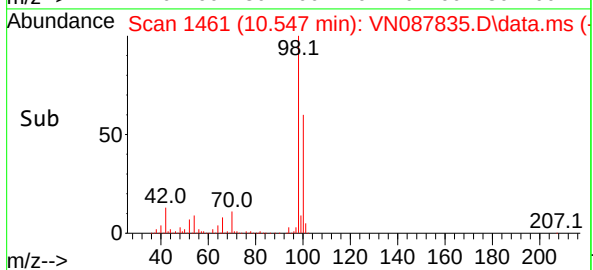
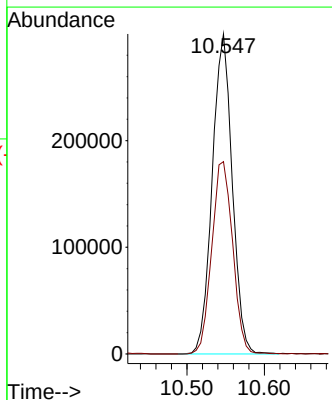
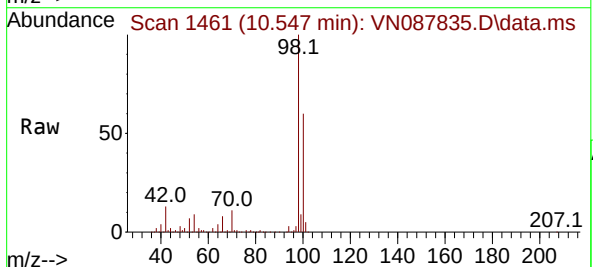
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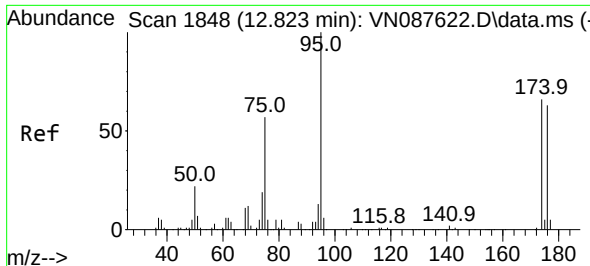
Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#50
Toluene-d8
Concen: 49.708 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087835.D
Acq: 15 Sep 2025 14:20

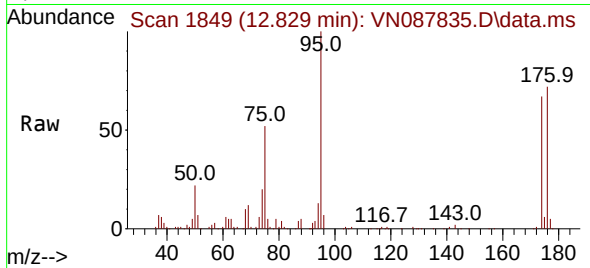
Tgt Ion: 98 Resp: 537759
Ion Ratio Lower Upper
98 100
100 62.9 52.8 79.2





#62
4-Bromofluorobenzene
Concen: 46.248 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087835.D
Acq: 15 Sep 2025 14:20

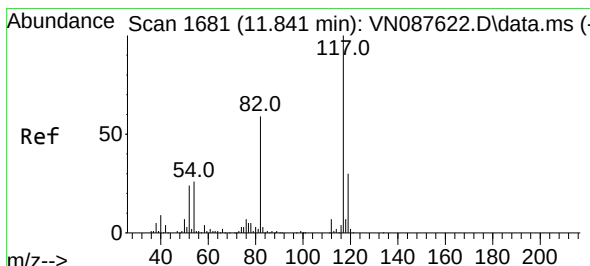
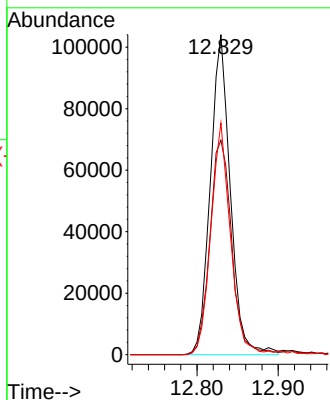
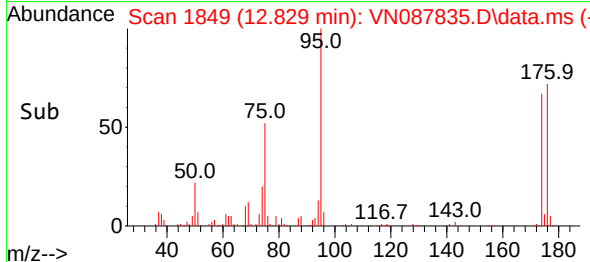
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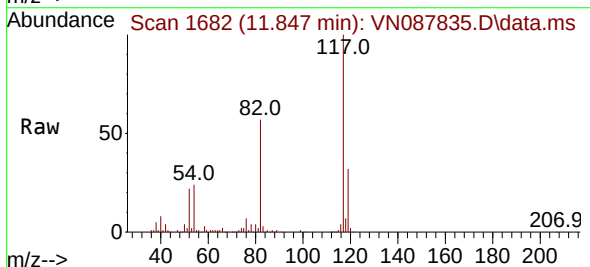
Tgt Ion: 95 Resp: 177933
Ion Ratio Lower Upper
95 100
174 73.6 0.0 138.4
176 70.4 0.0 132.6

Manual Integrations
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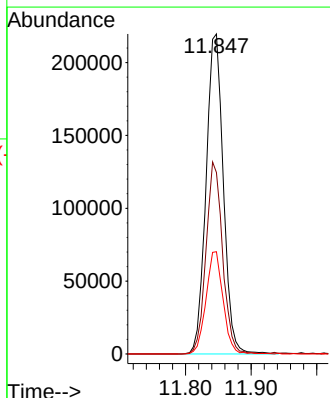
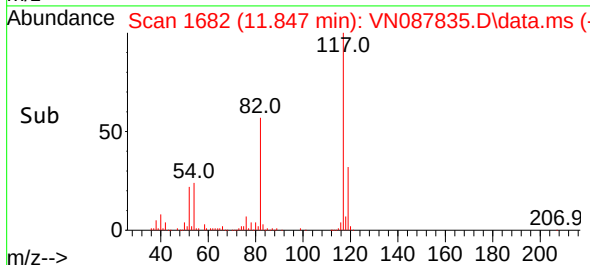
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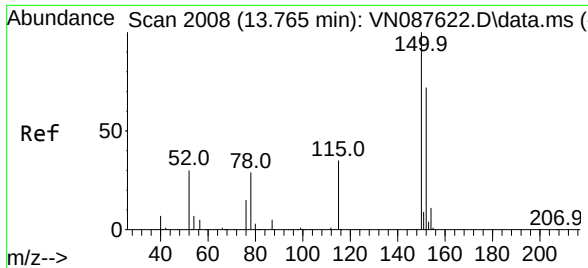


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087835.D
Acq: 15 Sep 2025 14:20



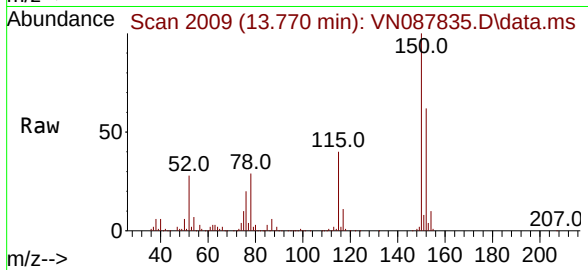
Tgt Ion:117 Resp: 402622
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 32.0 24.3 36.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087835.D
 Acq: 15 Sep 2025 14:20

Instrument :
 MSVOA_N
 ClientSampleId :
 279182



Tgt Ion:152 Resp: 182693
 Ion Ratio Lower Upper
 152 100
 115 62.9 32.3 96.8
 150 157.2 0.0 351.0

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