

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
 Data File : VN087789.D
 Acq On : 10 Sep 2025 18:14
 Operator : JC\MD
 Sample : PB169609TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB169609TB

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/11/2025
 Supervised By : Mahesh Dadoda 09/11/2025

Quant Time: Sep 11 02:09:13 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	185798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	417973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	425217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	197180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	199726	52.466	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.940%			
35) Dibromofluoromethane	8.153	113	155416	51.501	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.000%			
50) Toluene-d8	10.547	98	559806	49.563	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.120%			
62) 4-Bromofluorobenzene	12.823	95	194584	48.442	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.880%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	74892	36.140	ug/l	99
18) Methyl Acetate	5.018	43	37381	8.615	ug/l	99
20) Methylene Chloride	5.271	84	22844	6.542	ug/l #	85
25) 2-Butanone	7.477	43	20783	7.623	ug/l	92
37) Ethyl Acetate	7.553	43	25038m	3.958	ug/l	
43) Isopropyl Acetate	8.671	43	16250	1.645	ug/l	94

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

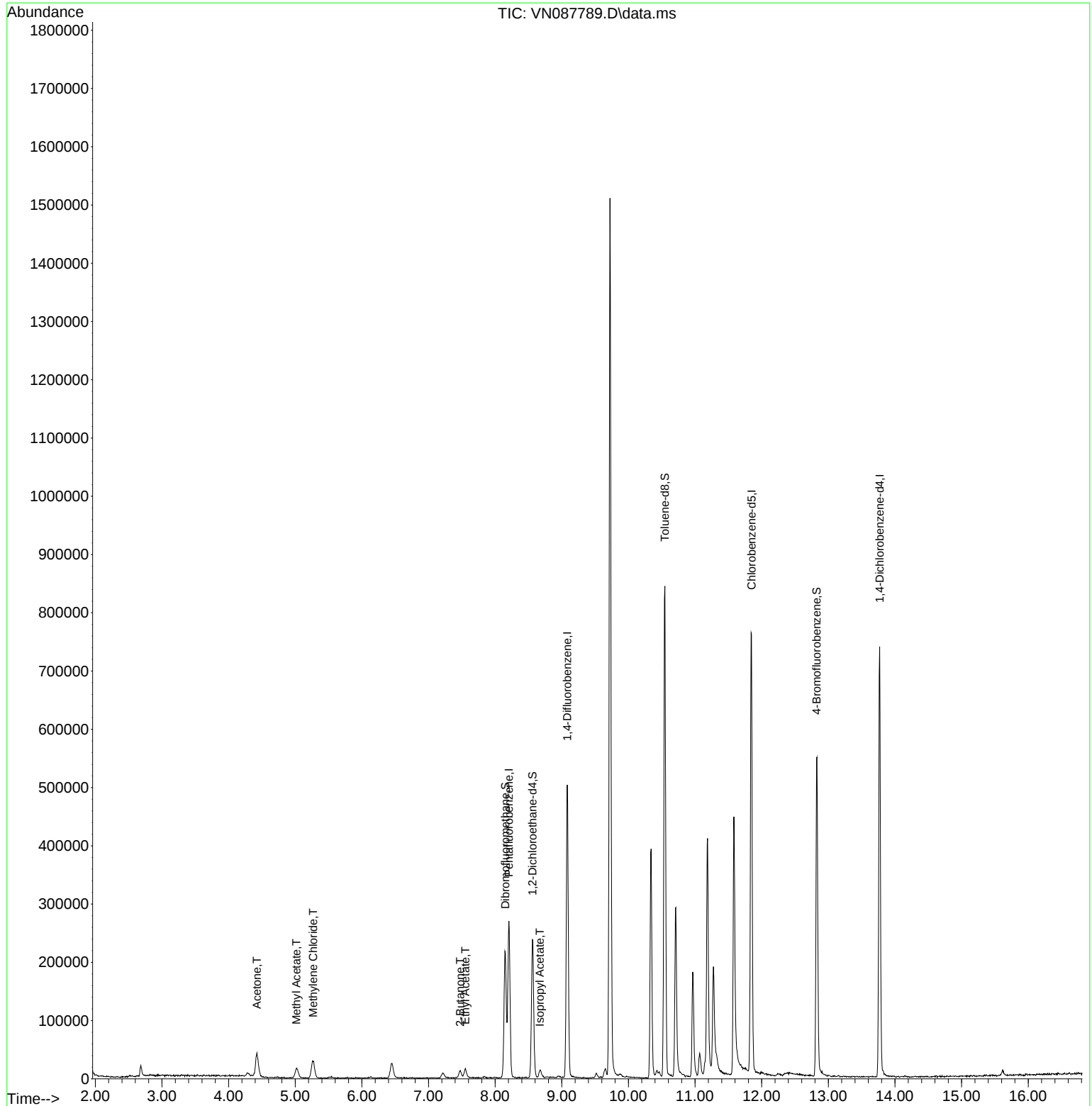
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087789.D
Acq On : 10 Sep 2025 18:14
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Sample : PB169609TB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

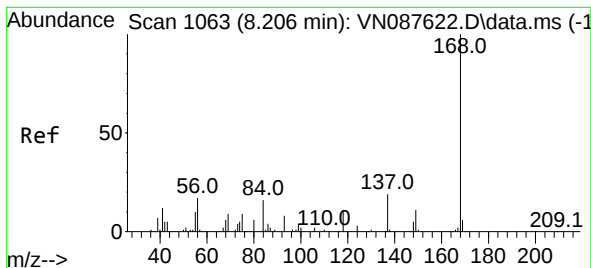
Instrument :
MSVOA_N
ClientSampleId :
PB169609TB

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Supervised By :Mahesh Dadoda 09/11/2025

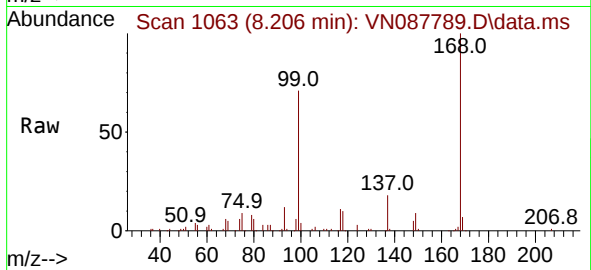
Quant Time: Sep 11 02:09:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087789.D
Acq: 10 Sep 2025 18:14

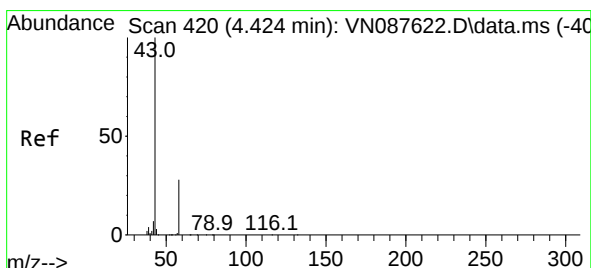
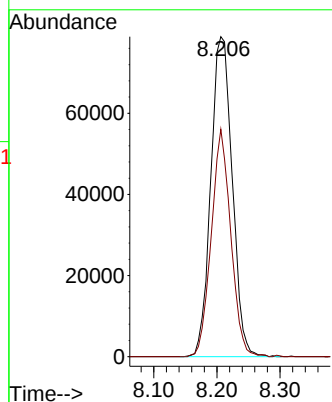
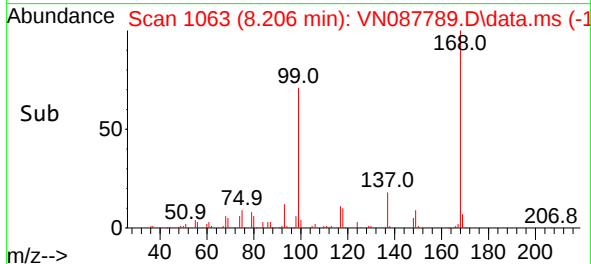
Instrument :
MSVOA_N
ClientSampleId :
PB169609TB



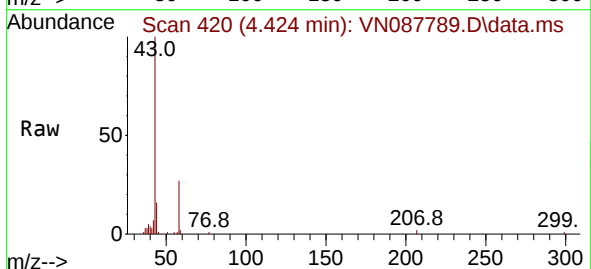
Tgt Ion:168 Resp: 185798
Ion Ratio Lower Upper
168 100
99 71.0 57.2 85.8

Manual Integrations
APPROVED

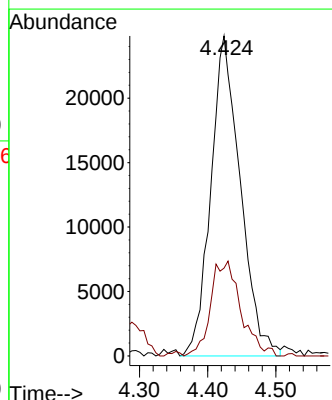
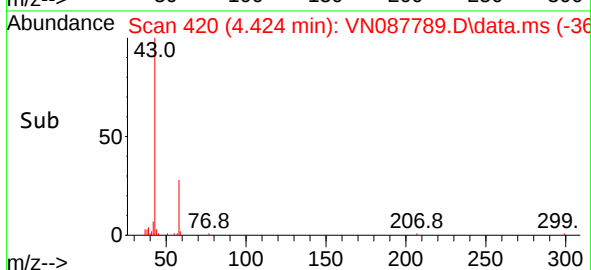
Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

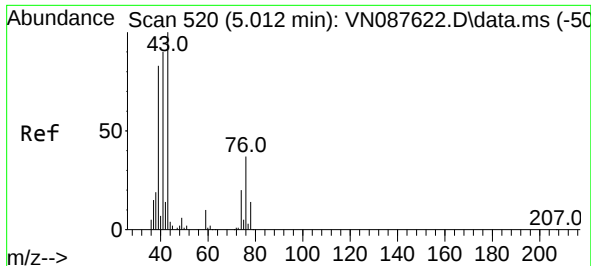


#16
Acetone
Concen: 36.140 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087789.D
Acq: 10 Sep 2025 18:14



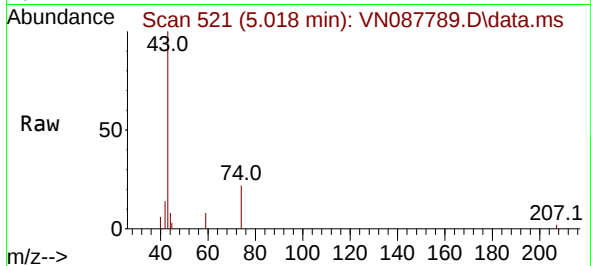
Tgt Ion: 43 Resp: 74892
Ion Ratio Lower Upper
43 100
58 27.4 22.6 33.8





#18
Methyl Acetate
Concen: 8.615 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087789.D
Acq: 10 Sep 2025 18:14

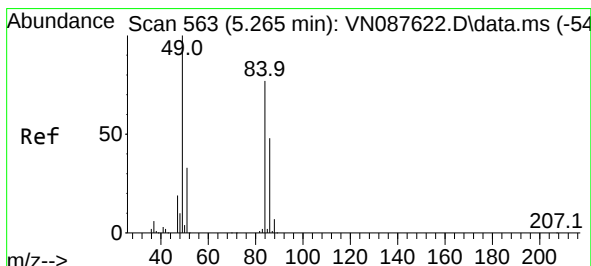
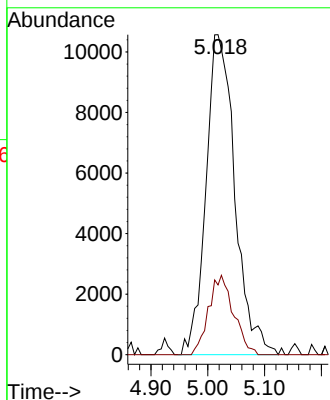
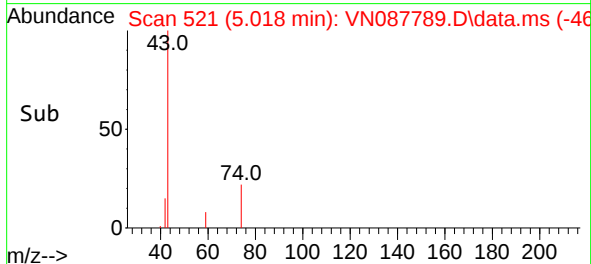
Instrument :
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ClientSampleId :
PB169609TB



Tgt Ion: 43 Resp: 3738
Ion Ratio Lower Upper
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74 21.3 17.6 26.4

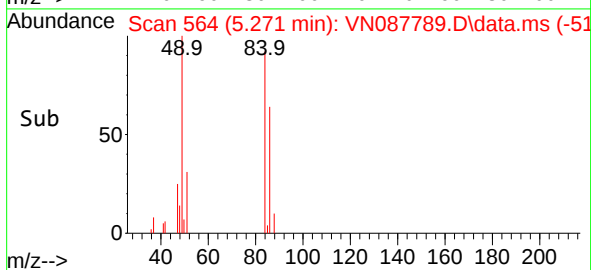
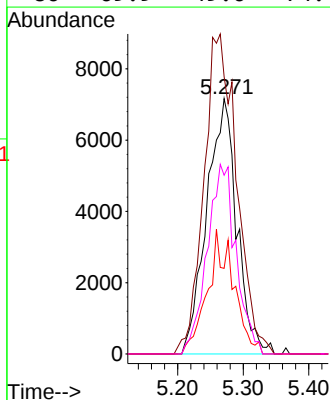
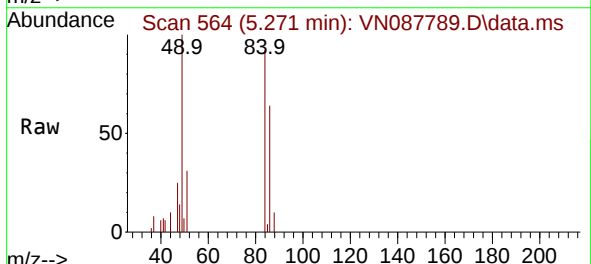
Manual Integrations
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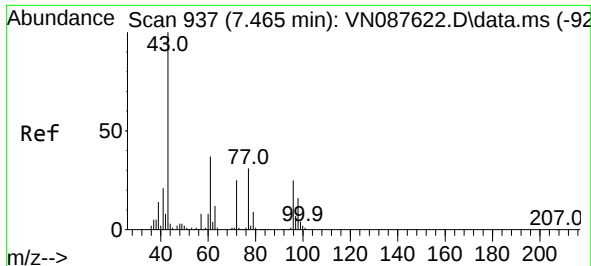
Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025



#20
Methylene Chloride
Concen: 6.542 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087789.D
Acq: 10 Sep 2025 18:14

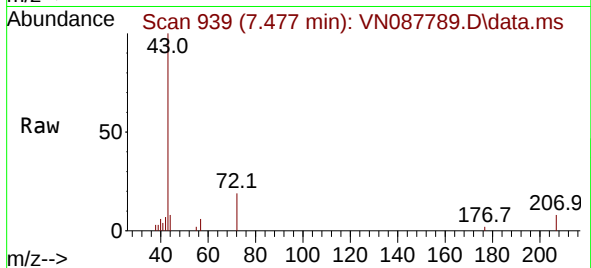
Tgt Ion: 84 Resp: 22844
Ion Ratio Lower Upper
84 100
49 108.6 103.4 155.2
51 33.5 33.8 50.8#
86 69.9 49.6 74.4





#25
2-Butanone
Concen: 7.623 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087789.D
Acq: 10 Sep 2025 18:14

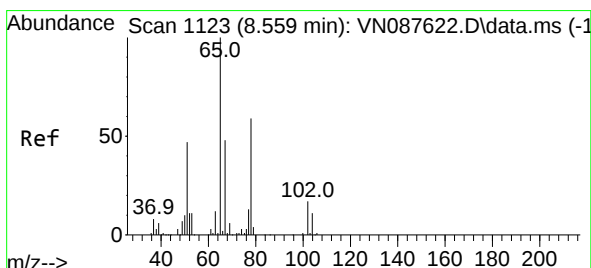
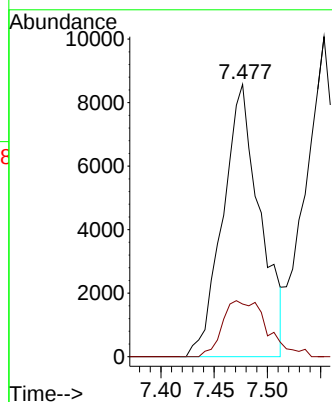
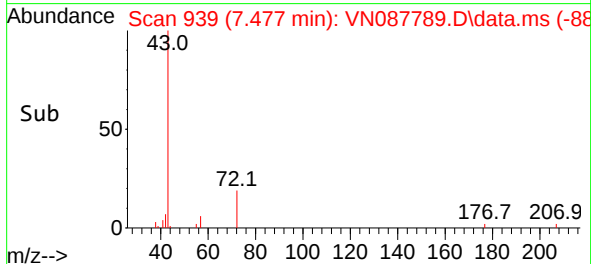
Instrument :
MSVOA_N
ClientSampleId :
PB169609TB



Tgt Ion: 43 Resp: 2078
Ion Ratio Lower Upper
43 100
72 21.0 19.9 29.9

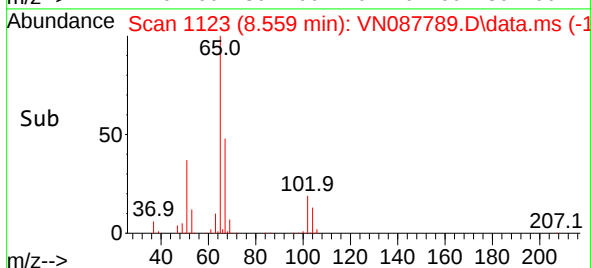
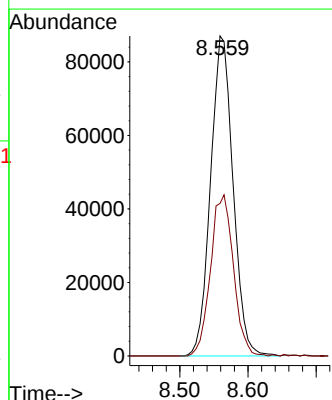
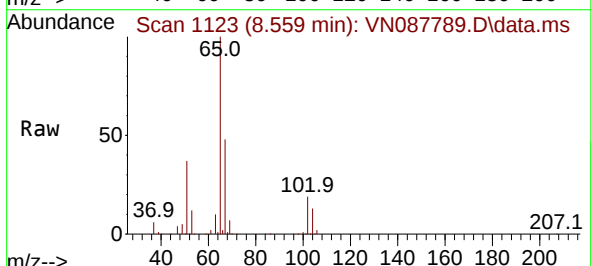
Manual Integrations
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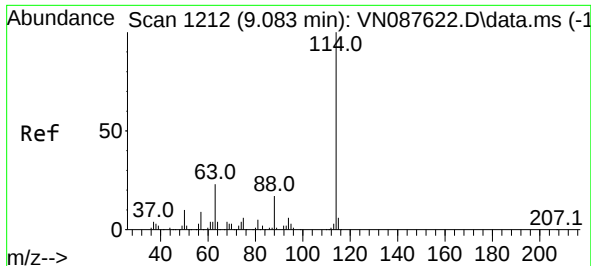
Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025



#33
1,2-Dichloroethane-d4
Concen: 52.466 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087789.D
Acq: 10 Sep 2025 18:14

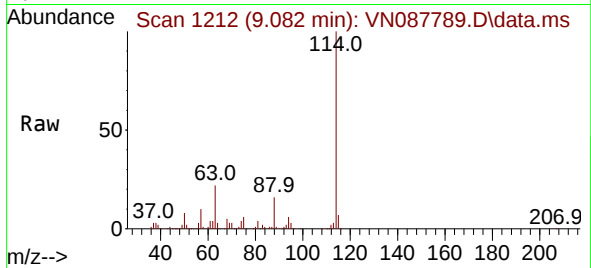
Tgt Ion: 65 Resp: 199726
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087789.D
Acq: 10 Sep 2025 18:14

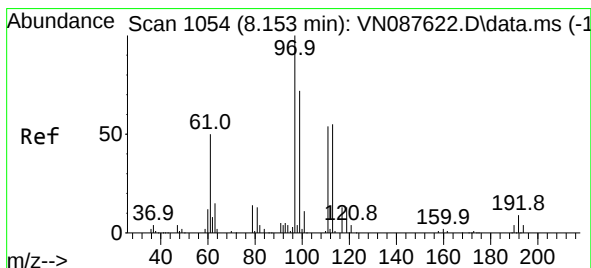
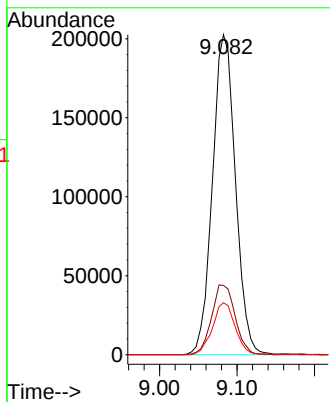
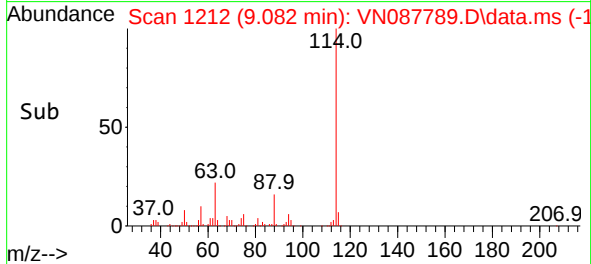
Instrument :
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PB169609TB



Tgt Ion:114 Resp: 41797
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.2
88 16.3 0.0 33.4

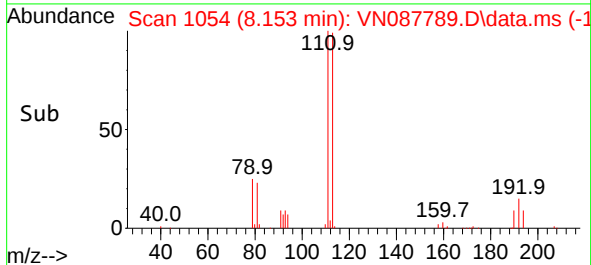
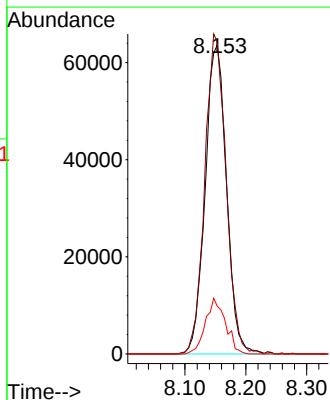
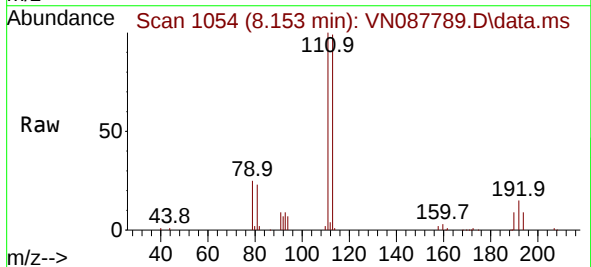
Manual Integrations
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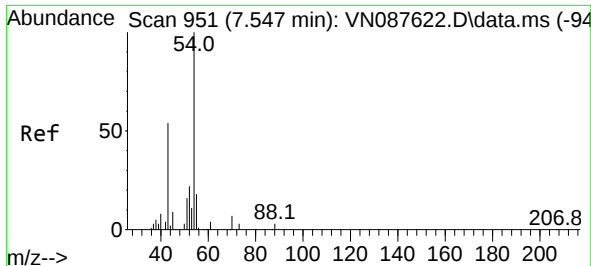
Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025



#35
Dibromofluoromethane
Concen: 51.501 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087789.D
Acq: 10 Sep 2025 18:14

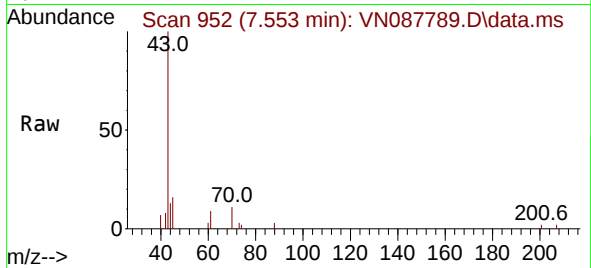
Tgt Ion:113 Resp: 155416
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 16.9 12.8 19.2





#37
Ethyl Acetate
Concen: 3.958 ug/l m
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087789.D
Acq: 10 Sep 2025 18:14

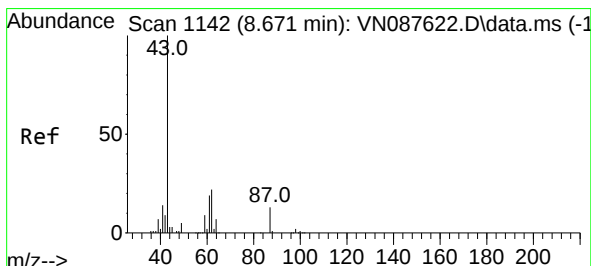
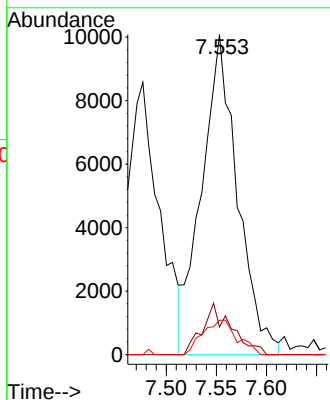
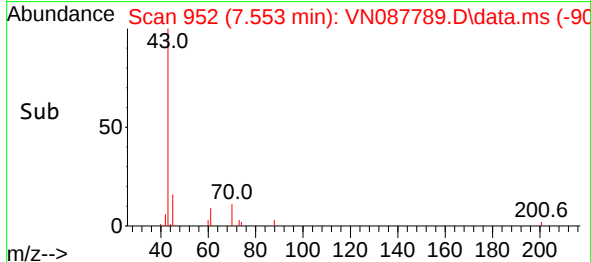
Instrument :
MSVOA_N
ClientSampleId :
PB169609TB



Tgt Ion: 43 Resp: 25038
Ion Ratio Lower Upper
43 100
61 13.1 9.3 13.9
70 10.5 7.0 10.6

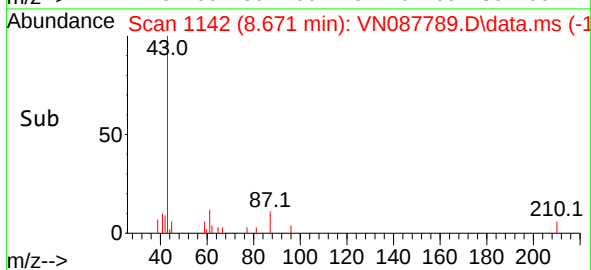
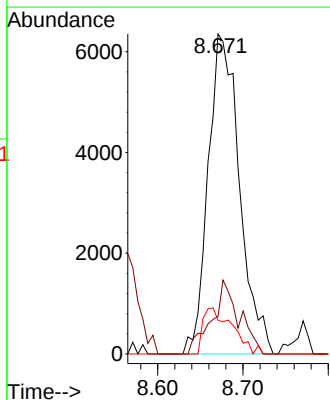
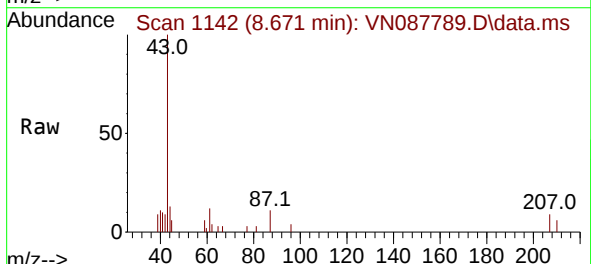
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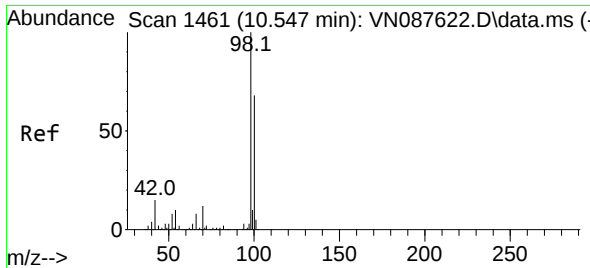
Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025



#43
Isopropyl Acetate
Concen: 1.645 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087789.D
Acq: 10 Sep 2025 18:14

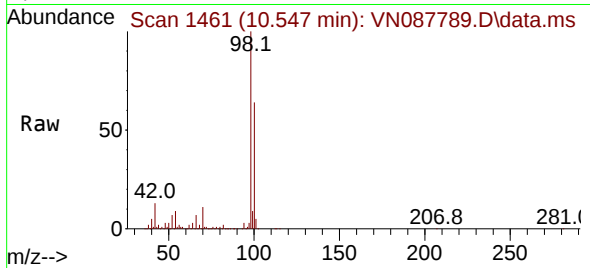
Tgt Ion: 43 Resp: 16250
Ion Ratio Lower Upper
43 100
61 20.1 18.8 28.2
87 13.3 9.6 14.4





#50
Toluene-d8
Concen: 49.563 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087789.D
Acq: 10 Sep 2025 18:14

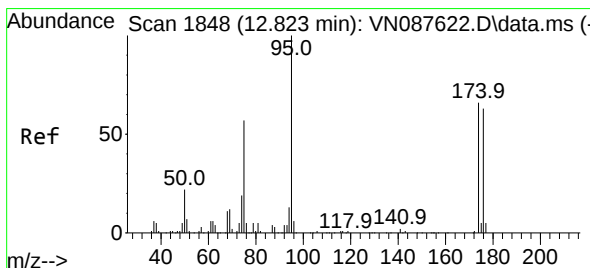
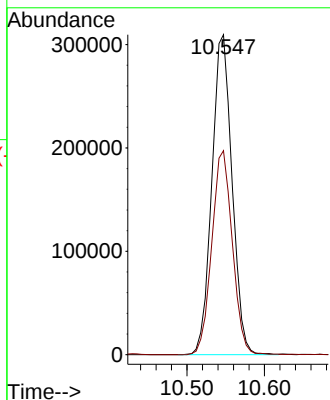
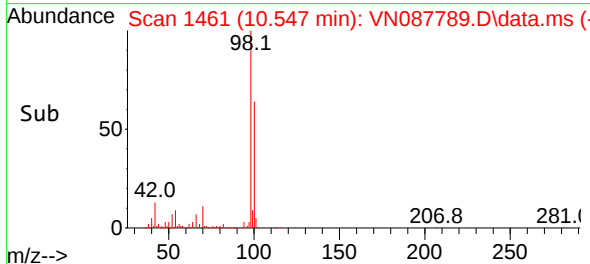
Instrument :
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ClientSampleId :
PB169609TB



Tgt Ion: 98 Resp: 559800
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2

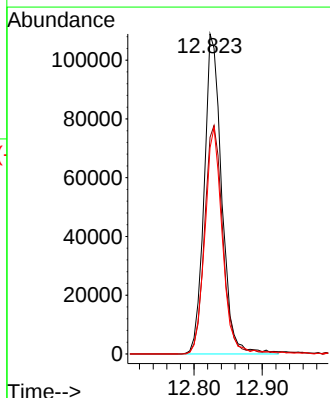
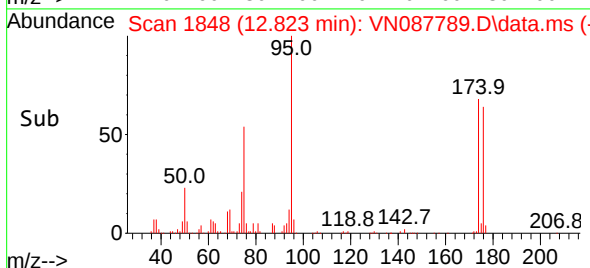
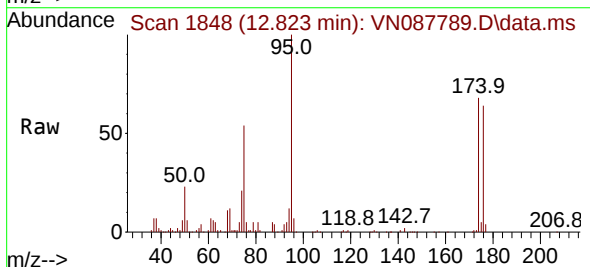
Manual Integrations
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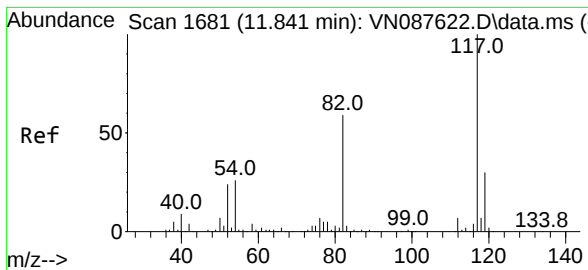
Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025



#62
4-Bromofluorobenzene
Concen: 48.442 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN087789.D
Acq: 10 Sep 2025 18:14

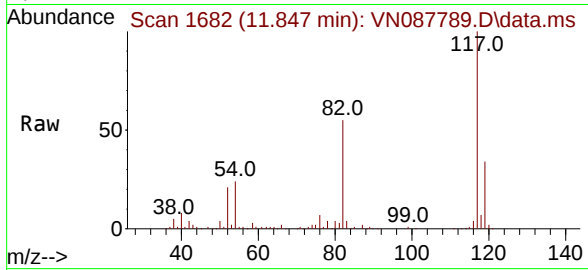
Tgt Ion: 95 Resp: 194584
Ion Ratio Lower Upper
95 100
174 74.2 0.0 138.4
176 70.6 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN087789.D
Acq: 10 Sep 2025 18:14

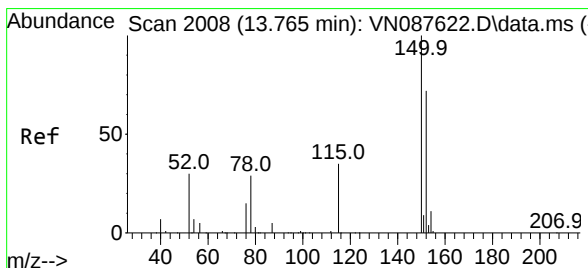
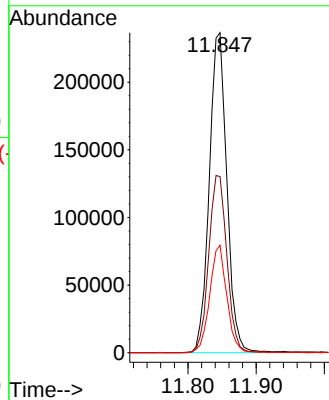
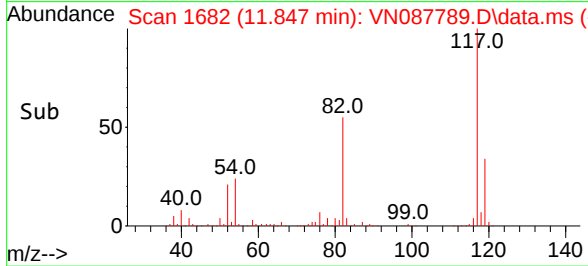
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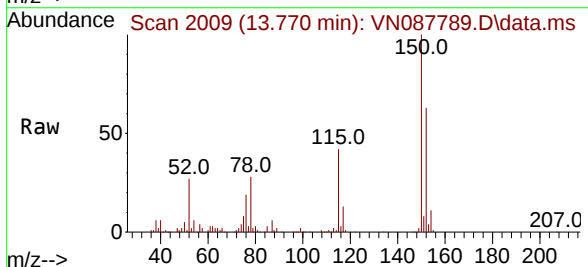
Tgt Ion:117 Resp: 425217
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 33.6 24.3 36.5

Manual Integrations
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Supervised By :Mahesh Dadoda 09/11/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087789.D
Acq: 10 Sep 2025 18:14



Tgt Ion:152 Resp: 197180
Ion Ratio Lower Upper
152 100
115 61.6 32.3 96.8
150 155.1 0.0 351.0

