

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
 Data File : VN087788.D
 Acq On : 10 Sep 2025 17:53
 Operator : JC\MD
 Sample : PB169608TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB169608TB

Manual Integrations
 APPROVED

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

Quant Time: Sep 11 02:08:44 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	186462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	416757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	411964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	192306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	197830	51.783	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.560%			
35) Dibromofluoromethane	8.153	113	155274	51.604	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.200%			
50) Toluene-d8	10.547	98	558526	49.594	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.180%			
62) 4-Bromofluorobenzene	12.829	95	194410	48.540	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.080%			
Target Compounds						
16) Acetone	4.418	43	74480	35.813	ug/l	99
18) Methyl Acetate	5.024	43	37078	8.515	ug/l	97
20) Methylene Chloride	5.259	84	23693	6.804	ug/l	96
25) 2-Butanone	7.471	43	18470	6.750	ug/l	100
37) Ethyl Acetate	7.553	43	25199m	3.995	ug/l	
43) Isopropyl Acetate	8.671	43	16673	1.693	ug/l #	92

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

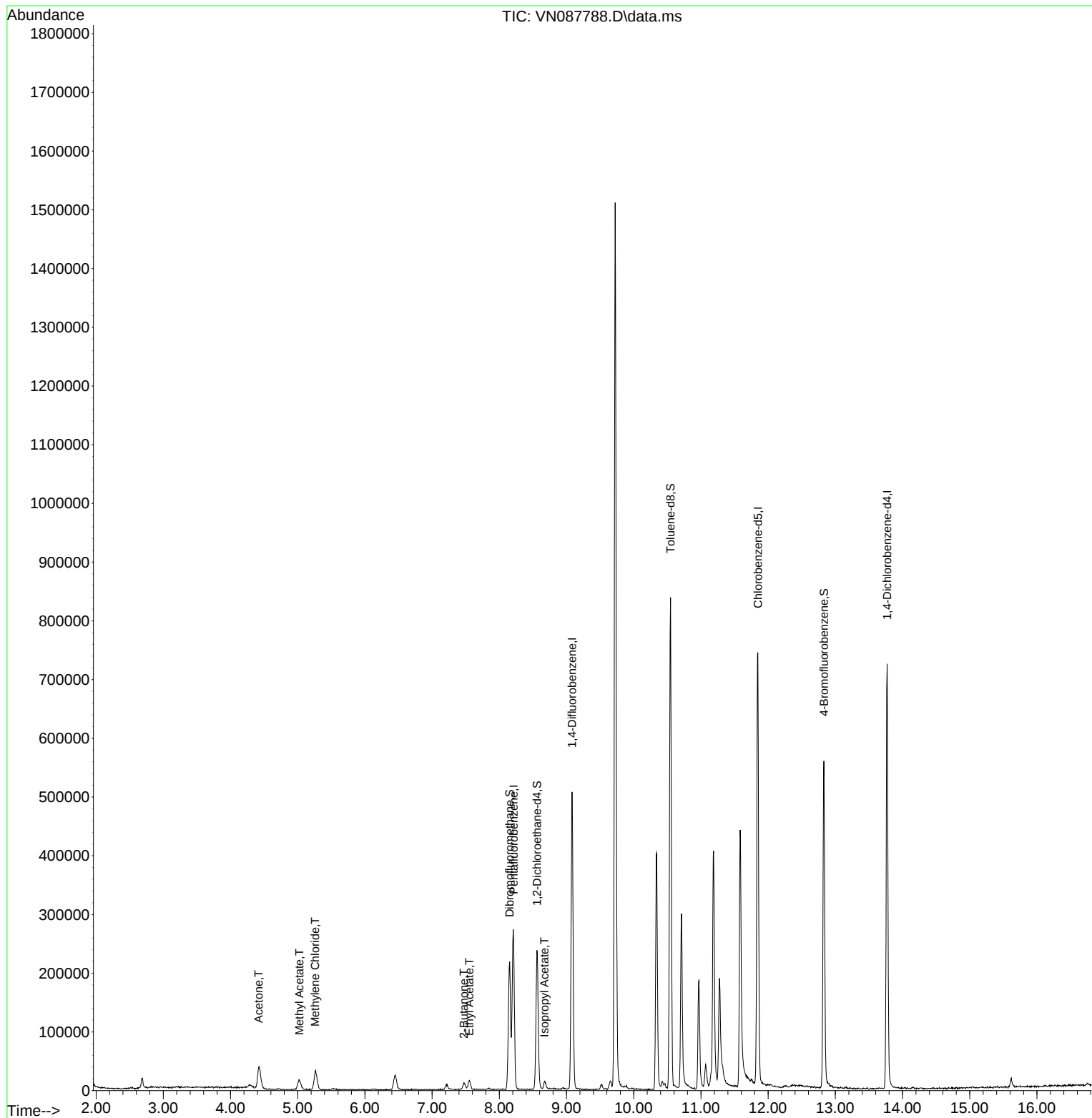
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
Data File : VN087788.D
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Sample : PB169608TB
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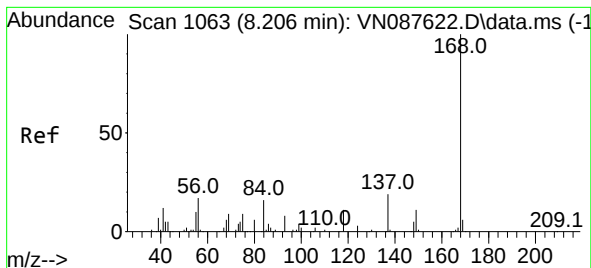
Instrument :
MSVOA_N
ClientSampleId :
PB169608TB

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Supervised By :Mahesh Dadoda 09/11/2025

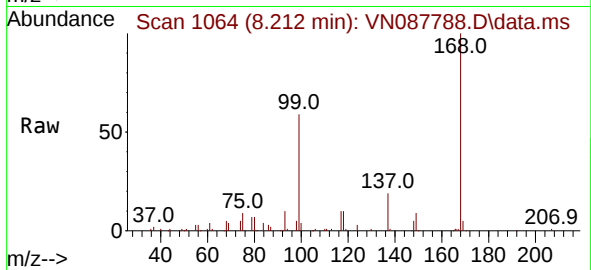
Quant Time: Sep 11 02:08:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087788.D
Acq: 10 Sep 2025 17:53

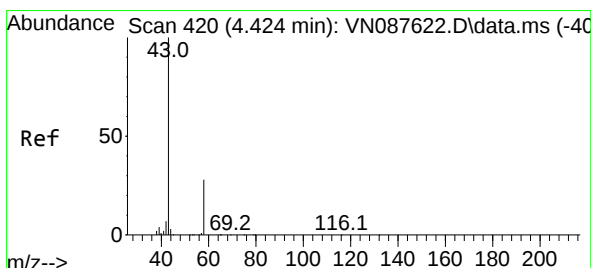
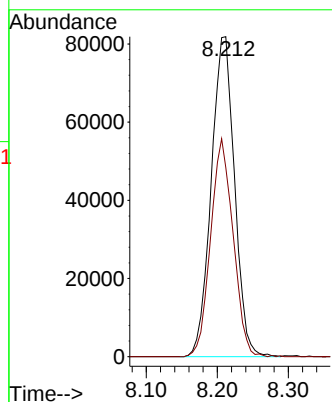
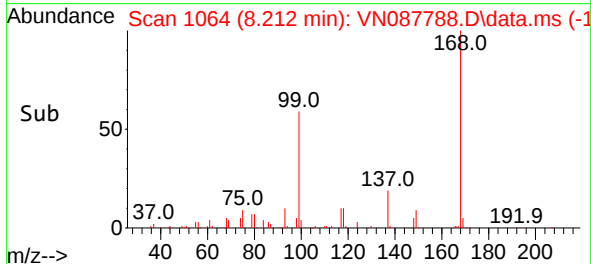
Instrument :
MSVOA_N
ClientSampleId :
PB169608TB



Tgt Ion:168 Resp: 186462
Ion Ratio Lower Upper
168 100
99 59.1 57.2 85.8

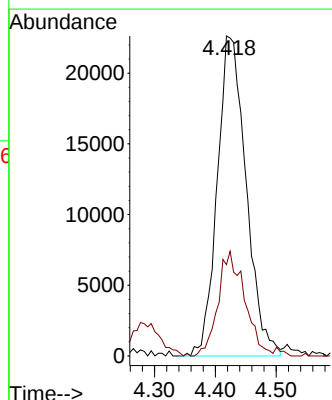
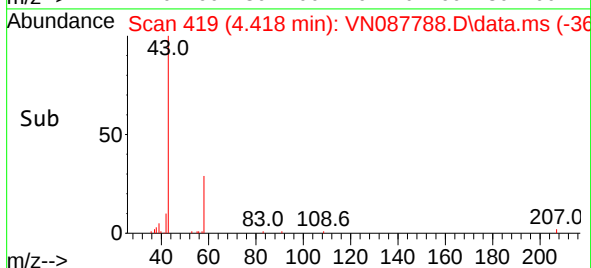
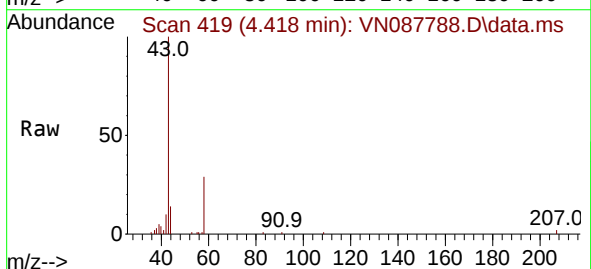
Manual Integrations
APPROVED

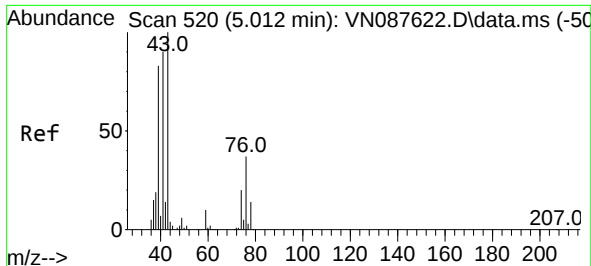
Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025



#16
Acetone
Concen: 35.813 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087788.D
Acq: 10 Sep 2025 17:53

Tgt Ion: 43 Resp: 74480
Ion Ratio Lower Upper
43 100
58 27.7 22.6 33.8





#18

Methyl Acetate

Concen: 8.515 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN087788.D

Acq: 10 Sep 2025 17:53

Instrument :

MSVOA_N

ClientSampleId :

PB169608TB

Tgt Ion: 43 Resp: 37078

Ion Ratio Lower Upper

43 100

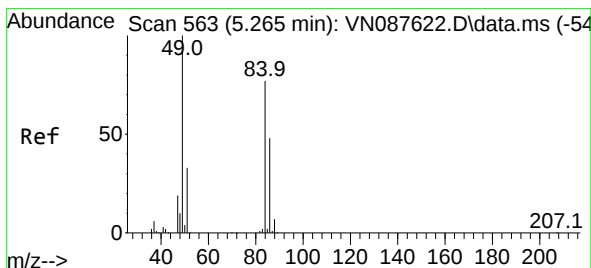
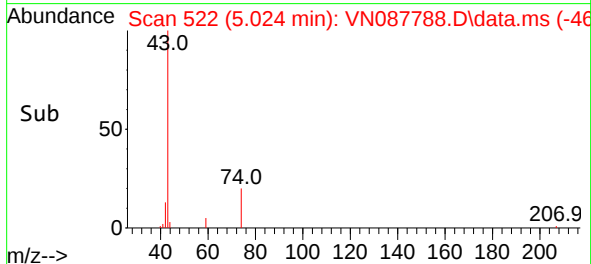
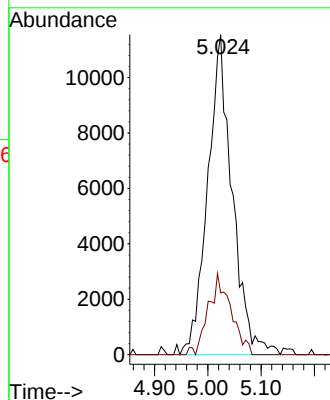
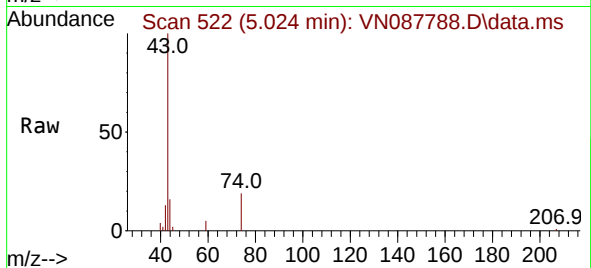
74 23.3 17.6 26.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/11/2025

Supervised By :Mahesh Dadoda 09/11/2025



#20

Methylene Chloride

Concen: 6.804 ug/l

RT: 5.259 min Scan# 562

Delta R.T. -0.006 min

Lab File: VN087788.D

Acq: 10 Sep 2025 17:53

Tgt Ion: 84 Resp: 23693

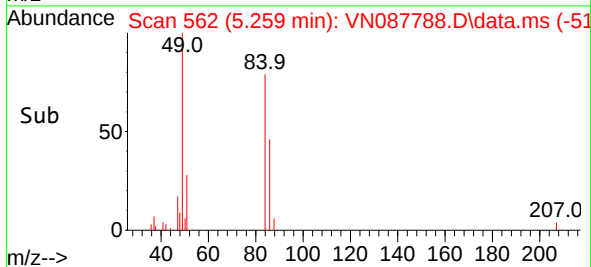
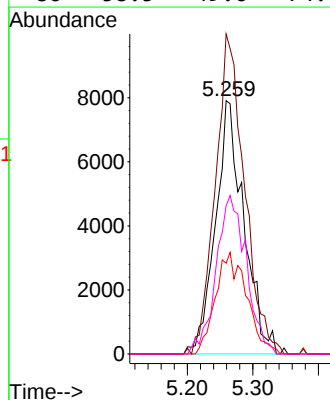
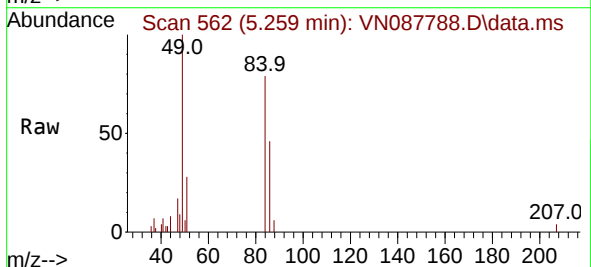
Ion Ratio Lower Upper

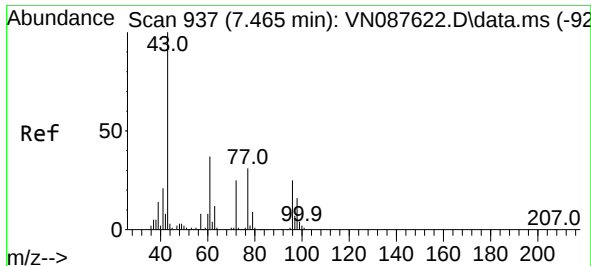
84 100

49 126.4 103.4 155.2

51 35.8 33.8 50.8

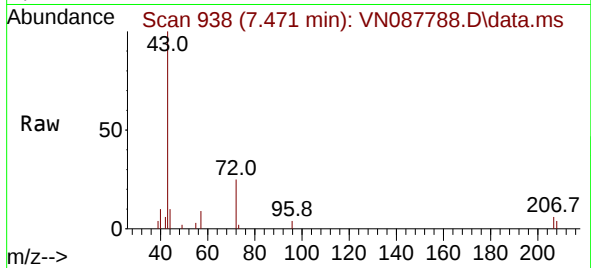
86 58.5 49.6 74.4





#25
2-Butanone
Concen: 6.750 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087788.D
Acq: 10 Sep 2025 17:53

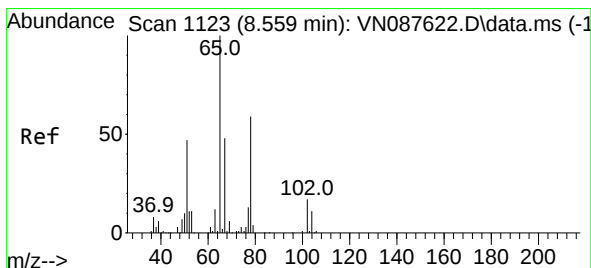
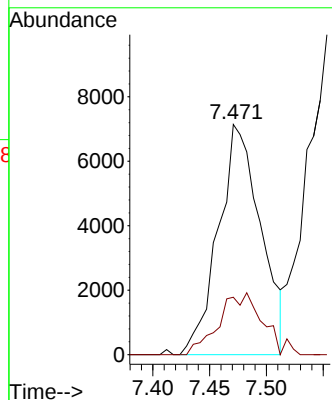
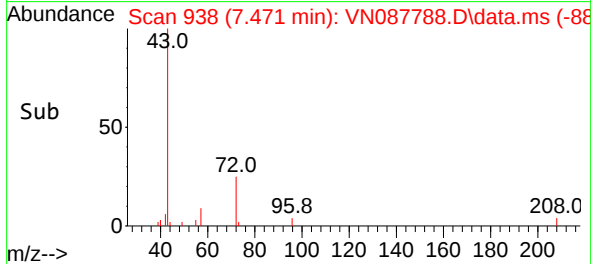
Instrument :
MSVOA_N
ClientSampleId :
PB169608TB



Tgt Ion: 43 Resp: 18470
Ion Ratio Lower Upper
43 100
72 25.0 19.9 29.9

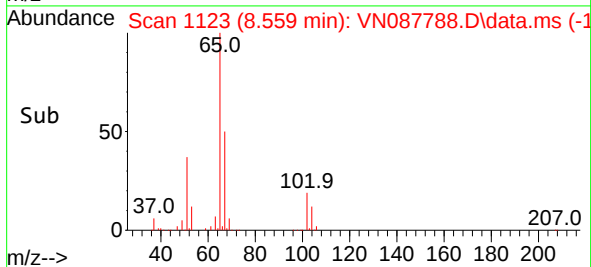
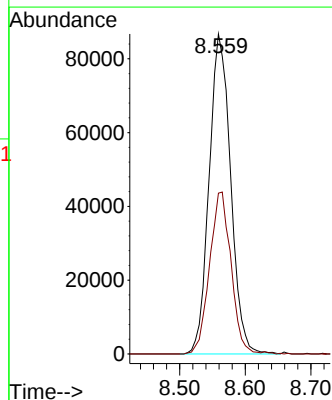
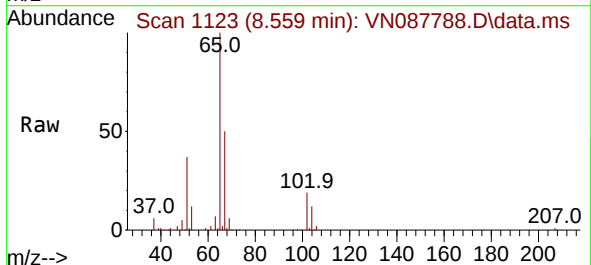
Manual Integrations
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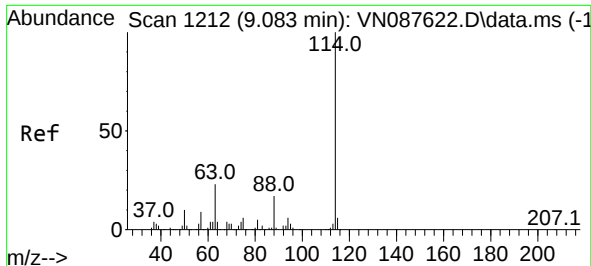
Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025



#33
1,2-Dichloroethane-d4
Concen: 51.783 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087788.D
Acq: 10 Sep 2025 17:53

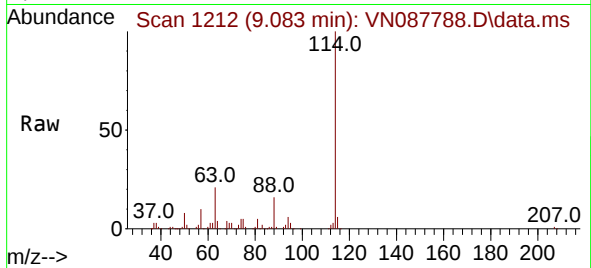
Tgt Ion: 65 Resp: 197830
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087788.D
Acq: 10 Sep 2025 17:53

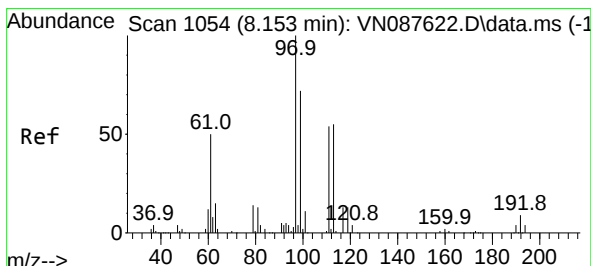
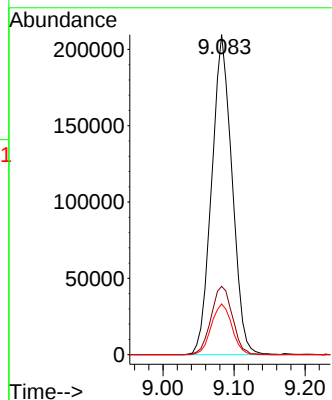
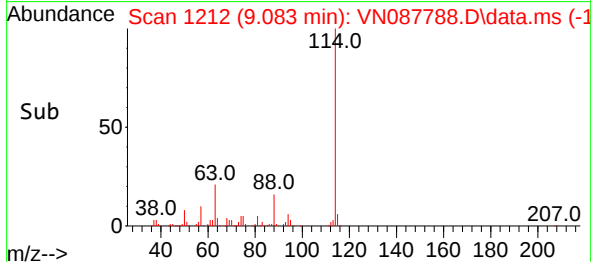
Instrument :
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ClientSampleId :
PB169608TB



Tgt Ion:114 Resp: 41675
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.2
88 15.8 0.0 33.4

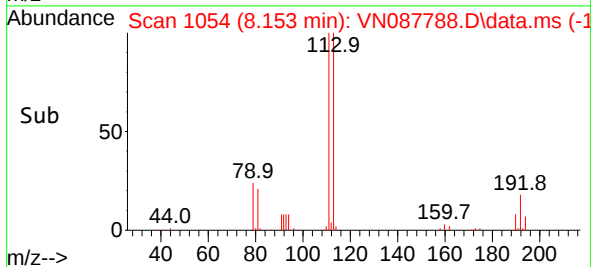
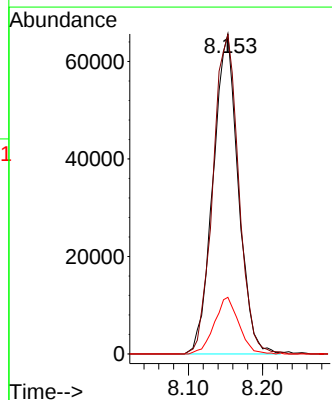
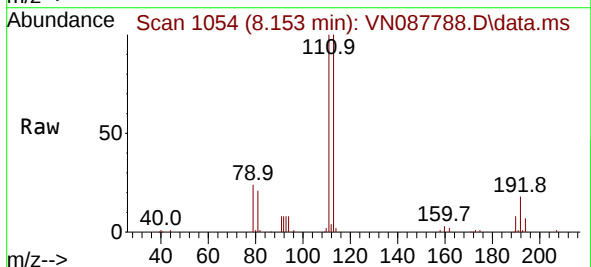
Manual Integrations
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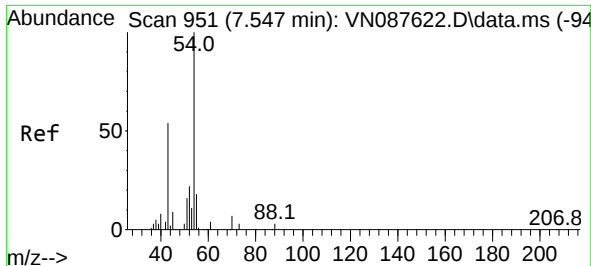
Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025



#35
Dibromofluoromethane
Concen: 51.604 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087788.D
Acq: 10 Sep 2025 17:53

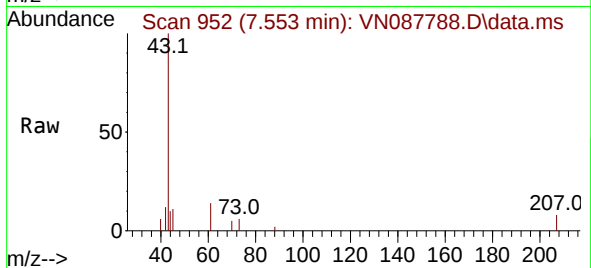
Tgt Ion:113 Resp: 155274
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 17.2 12.8 19.2





#37
Ethyl Acetate
Concen: 3.995 ug/l m
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087788.D
Acq: 10 Sep 2025 17:53

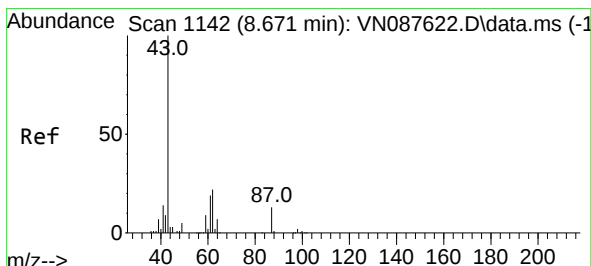
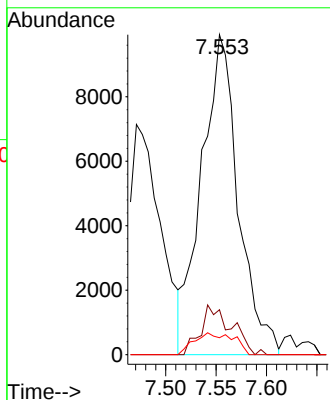
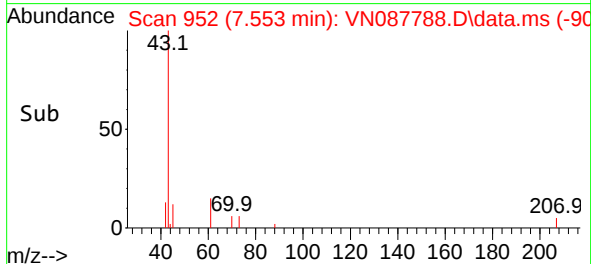
Instrument :
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PB169608TB



Tgt Ion: 43 Resp: 25199
Ion Ratio Lower Upper
43 100
61 13.1 9.3 13.9
70 7.3 7.0 10.6

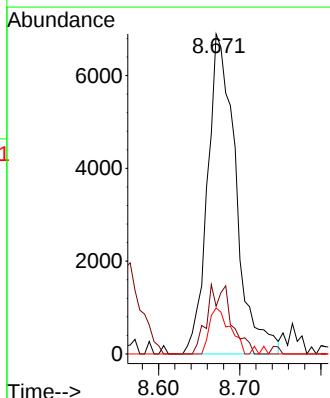
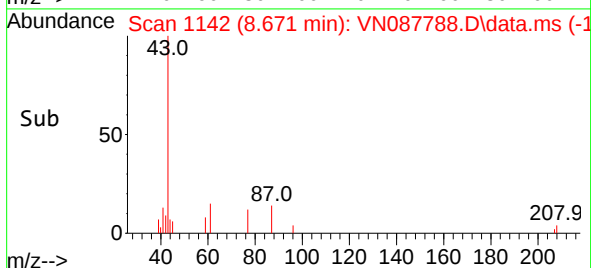
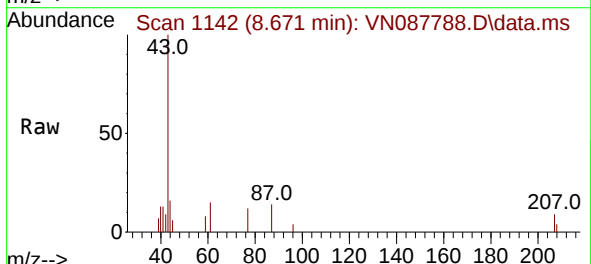
Manual Integrations
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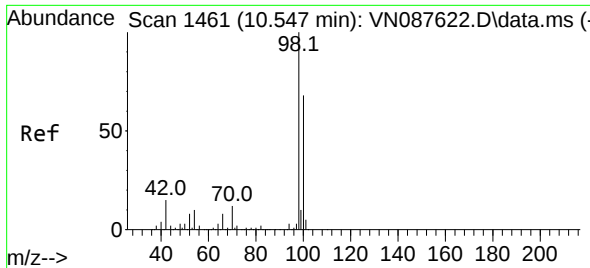
Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025



#43
Isopropyl Acetate
Concen: 1.693 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087788.D
Acq: 10 Sep 2025 17:53

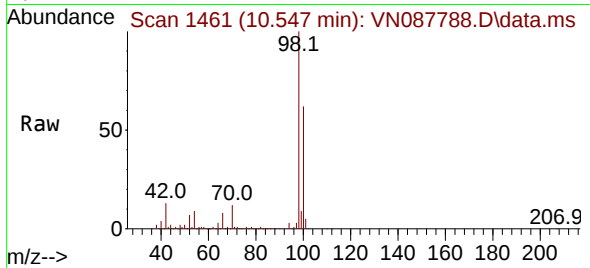
Tgt Ion: 43 Resp: 16673
Ion Ratio Lower Upper
43 100
61 18.6 18.8 28.2#
87 10.4 9.6 14.4





#50
Toluene-d8
Concen: 49.594 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087788.D
Acq: 10 Sep 2025 17:53

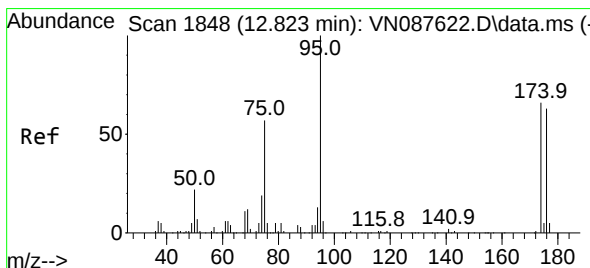
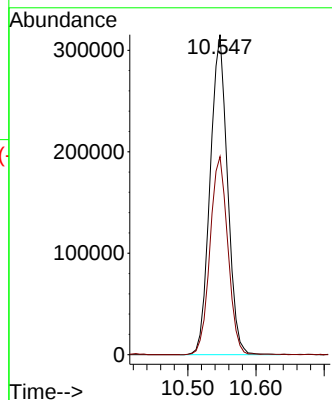
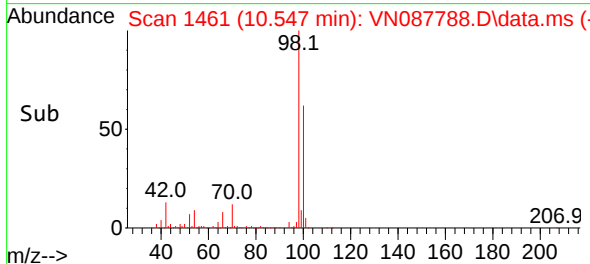
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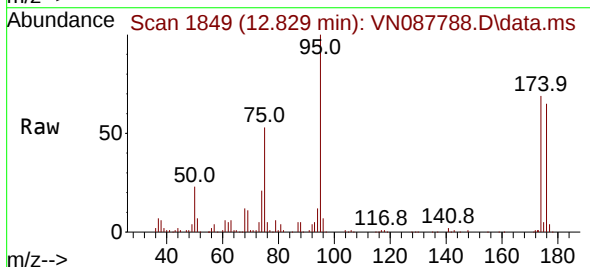
Tgt Ion: 98 Resp: 558520
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98 100
100 63.6 52.8 79.2

Manual Integrations
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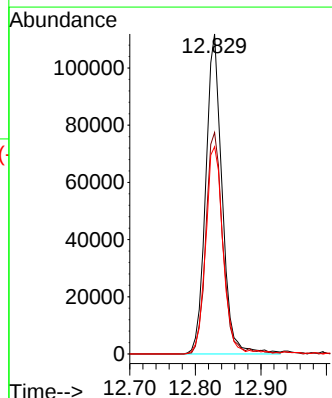
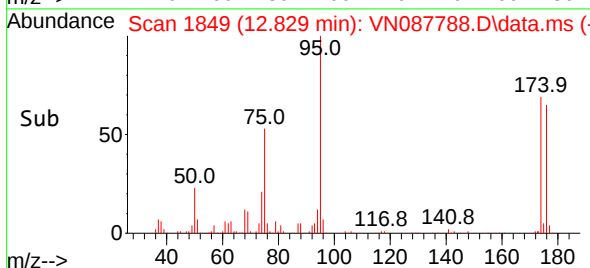
Reviewed By :Semsettin Yesilyurt 09/11/2025
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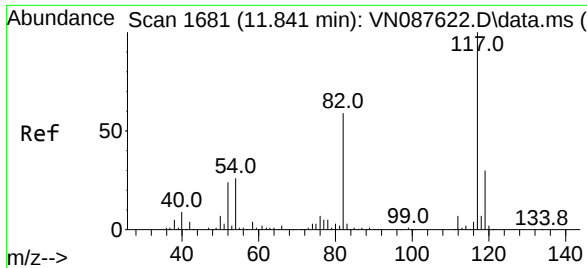


#62
4-Bromofluorobenzene
Concen: 48.540 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087788.D
Acq: 10 Sep 2025 17:53



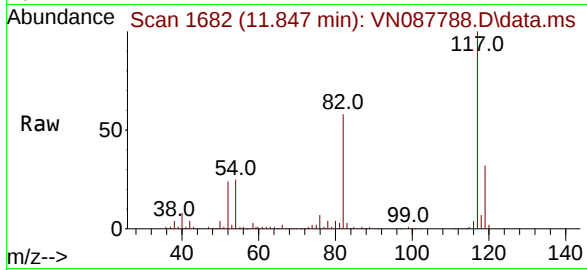
Tgt Ion: 95 Resp: 194410
Ion Ratio Lower Upper
95 100
174 71.8 0.0 138.4
176 69.0 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 111964
Delta R.T. 0.006 min
Lab File: VN087788.D
Acq: 10 Sep 2025 17:53

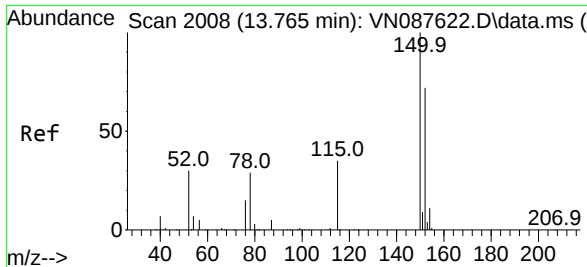
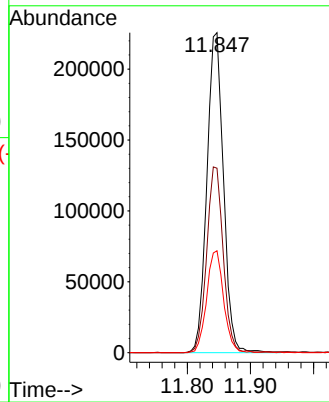
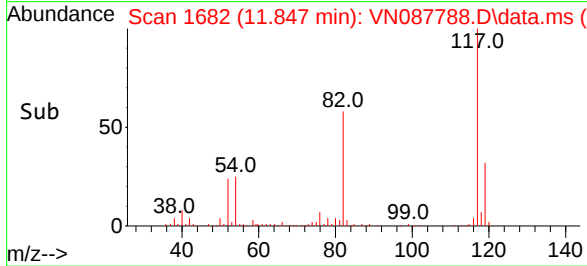
Instrument :
MSVOA_N
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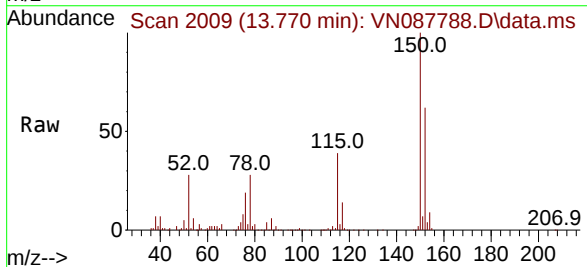
Tgt Ion:117 Resp: 411964
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 31.8 24.3 36.5

Manual Integrations
APPROVED

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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: VN087788.D
Acq: 10 Sep 2025 17:53



Tgt Ion:152 Resp: 192306
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 155.7 0.0 351.0

