

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092625\
 Data File : VN087966.D
 Acq On : 26 Sep 2025 15:06
 Operator : JC\MD
 Sample : PB169841TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB169841TB

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/29/2025
 Supervised By :Semsettin Yesilyurt 09/29/2025

Quant Time: Sep 27 01:26:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	183387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	416895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	441917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	196760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	173710	56.285	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.560%			
35) Dibromofluoromethane	8.147	113	151413	50.023	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.040%			
50) Toluene-d8	10.547	98	517622	48.629	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.260%			
62) 4-Bromofluorobenzene	12.829	95	176497	46.388	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.780%			
Target Compounds						
16) Acetone	4.424	43	76149	59.968	ug/l	97
18) Methyl Acetate	5.018	43	10469	3.294	ug/l	93
20) Methylene Chloride	5.253	84	11039m	4.295	ug/l	
43) Isopropyl Acetate	8.683	43	22618	3.006	ug/l #	90

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

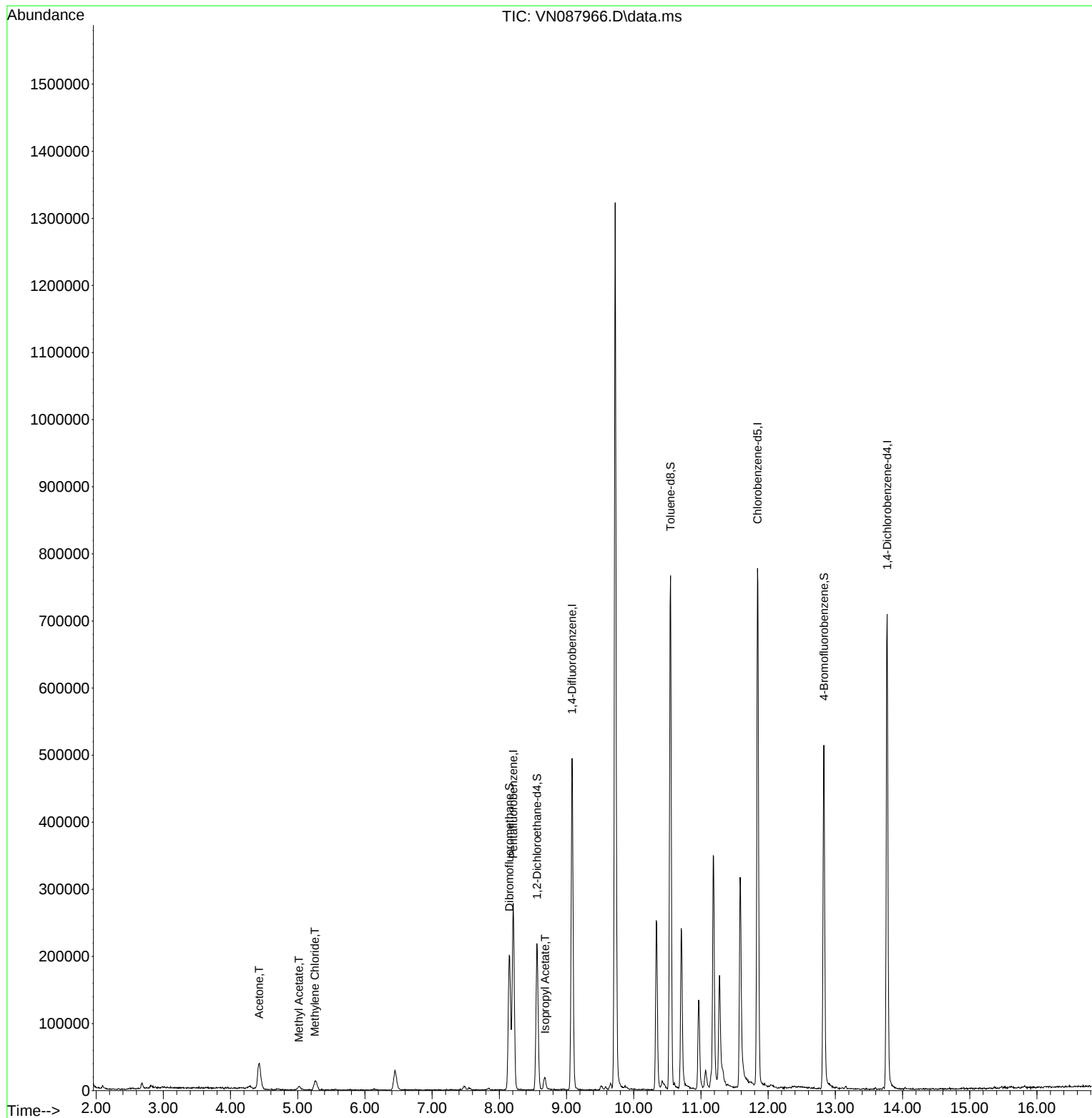
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092625\
Data File : VN087966.D
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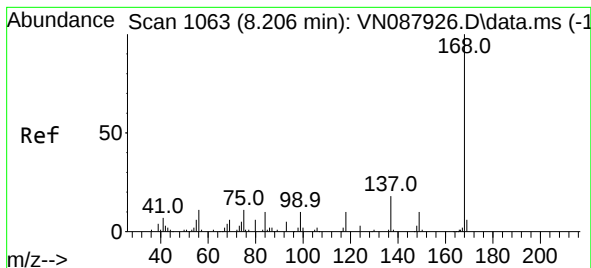
Instrument :
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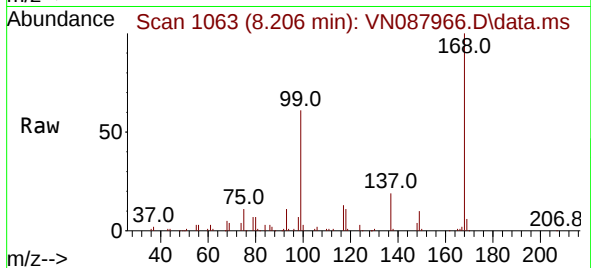
Quant Time: Sep 27 01:26:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087966.D
Acq: 26 Sep 2025 15:06

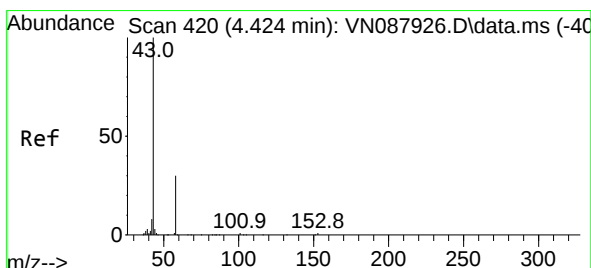
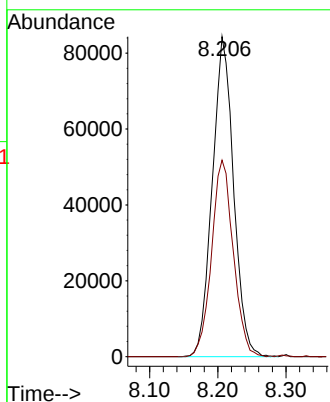
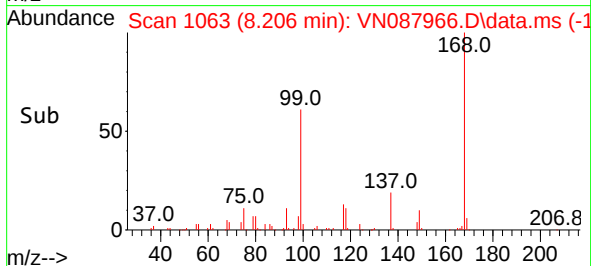
Instrument :
MSVOA_N
ClientSampleId :
PB169841TB



Tgt Ion:168 Resp: 18338
Ion Ratio Lower Upper
168 100
99 61.4 52.2 78.2

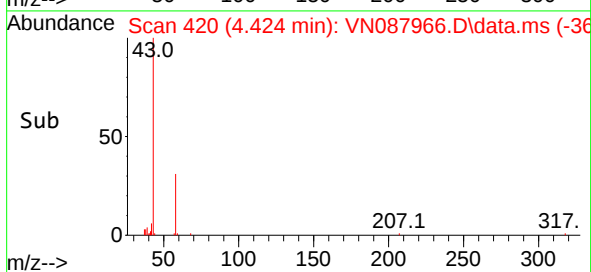
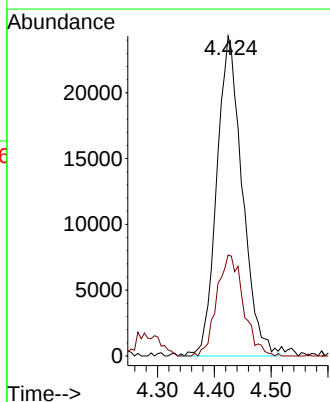
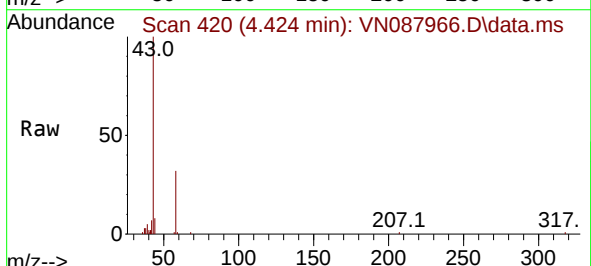
Manual Integrations
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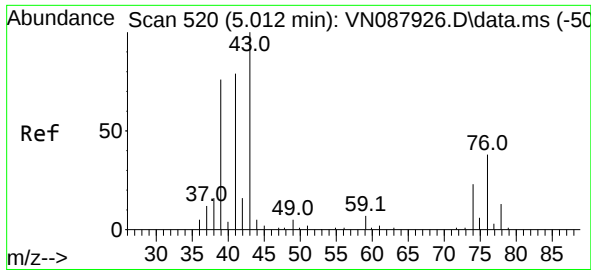
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#16
Acetone
Concen: 59.968 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087966.D
Acq: 26 Sep 2025 15:06

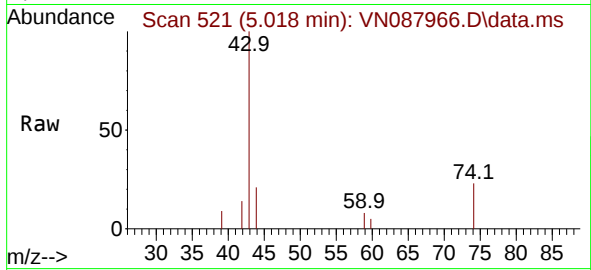
Tgt Ion: 43 Resp: 76149
Ion Ratio Lower Upper
43 100
58 31.5 24.1 36.1





#18
Methyl Acetate
Concen: 3.294 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087966.D
Acq: 26 Sep 2025 15:06

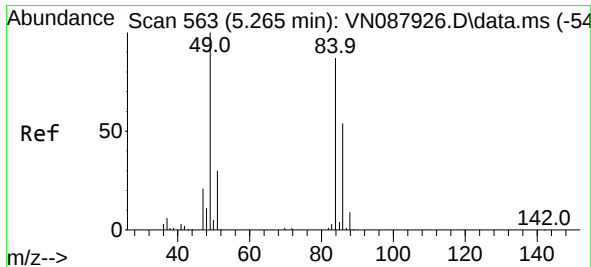
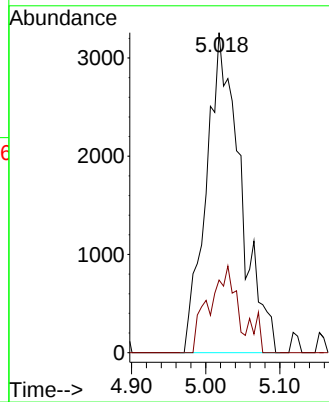
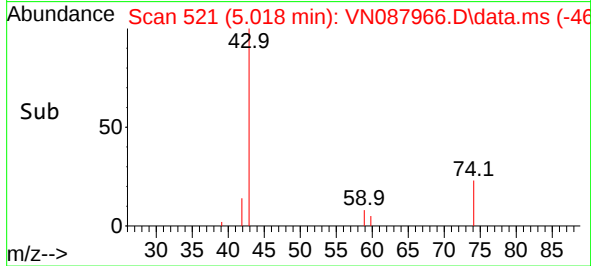
Instrument :
MSVOA_N
ClientSampleId :
PB169841TB



Tgt Ion: 43 Resp: 10469
Ion Ratio Lower Upper
43 100
74 21.2 19.7 29.5

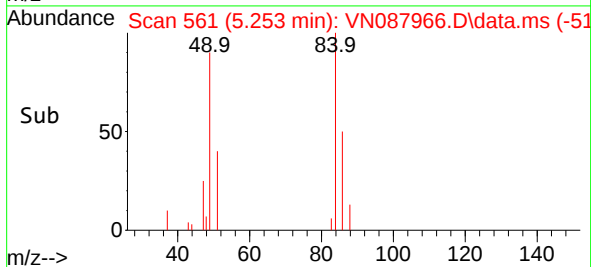
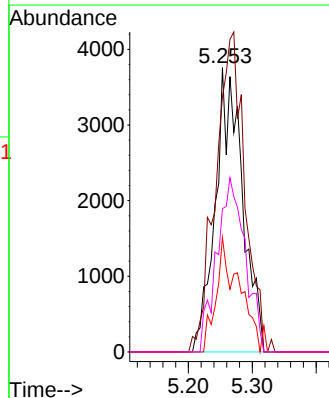
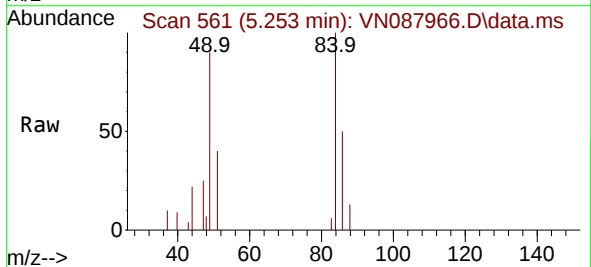
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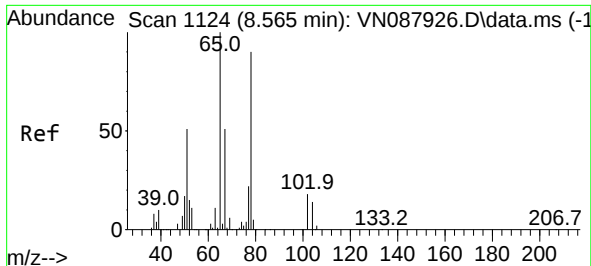
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025



#20
Methylene Chloride
Concen: 4.295 ug/l m
RT: 5.253 min Scan# 561
Delta R.T. -0.012 min
Lab File: VN087966.D
Acq: 26 Sep 2025 15:06

Tgt Ion: 84 Resp: 11039
Ion Ratio Lower Upper
84 100
49 89.7 92.1 138.1#
51 40.3 27.7 41.5
86 50.4 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 56.285 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087966.D

Acq: 26 Sep 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

PB169841TB

Tgt Ion: 65 Resp: 173710

Ion Ratio Lower Upper

65 100

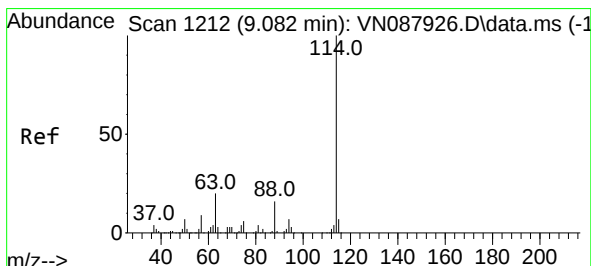
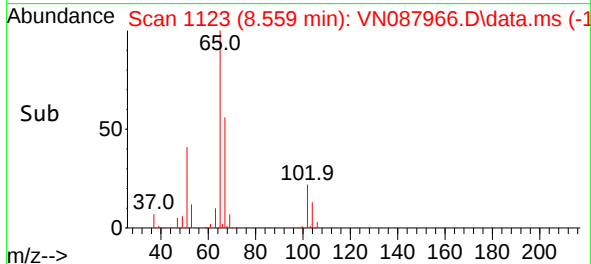
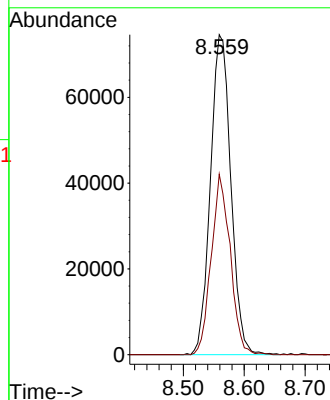
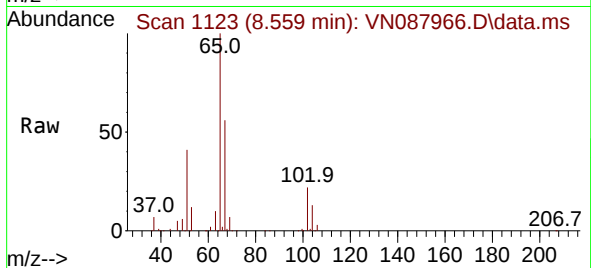
67 52.4 0.0 103.4

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Supervised By :Semsettin Yesilyurt 09/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087966.D

Acq: 26 Sep 2025 15:06

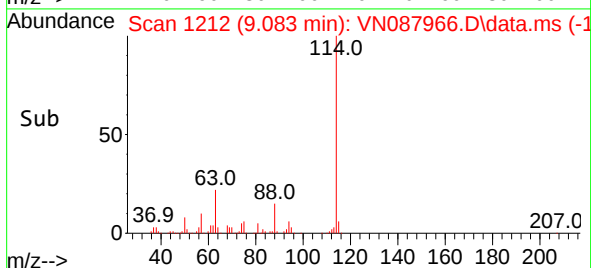
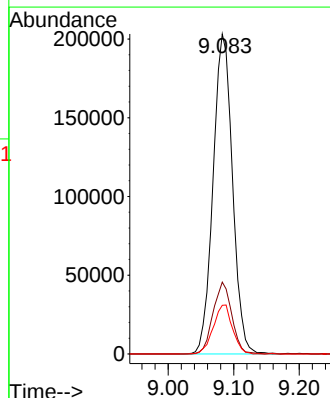
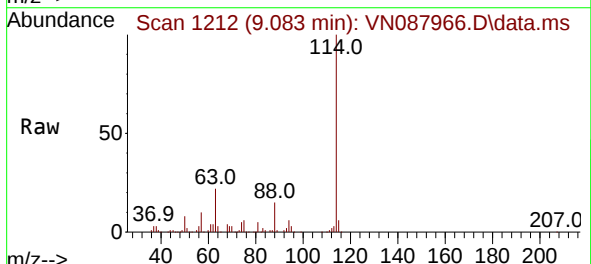
Tgt Ion:114 Resp: 416895

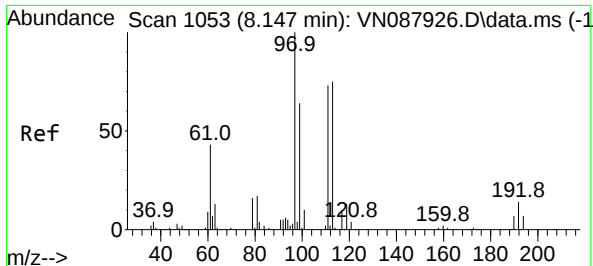
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.023 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087966.D

Acq: 26 Sep 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

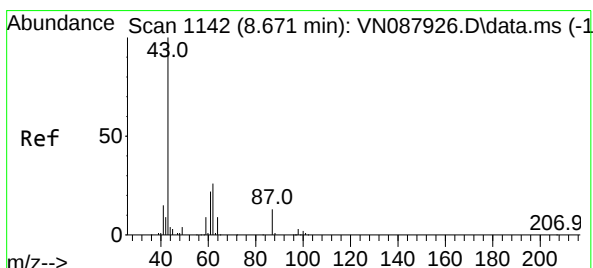
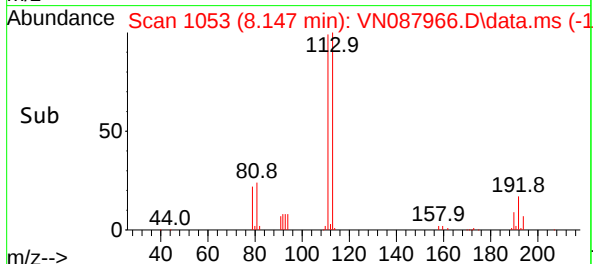
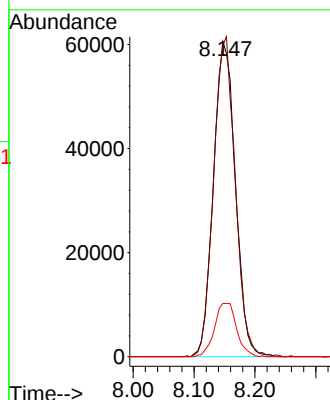
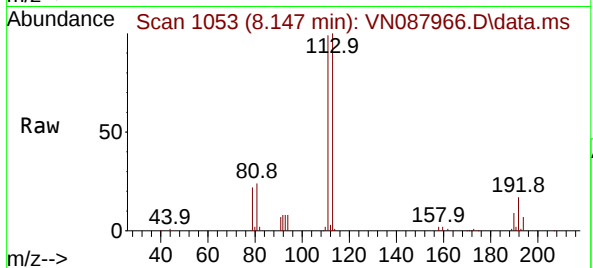
PB169841TB

Tgt Ion:	113	Resp:	15141
Ion Ratio	Lower	Upper	
113	100		
111	100.3	82.2	123.2
192	17.1	14.2	21.2

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Supervised By :Semsettin Yesilyurt 09/29/2025



#43

Isopropyl Acetate

Concen: 3.006 ug/l

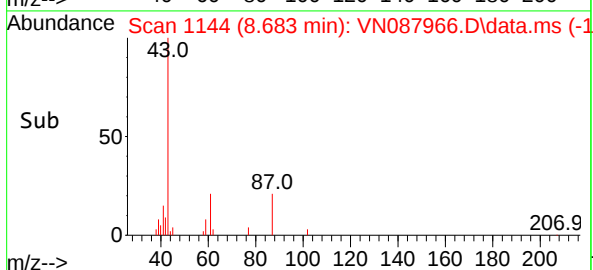
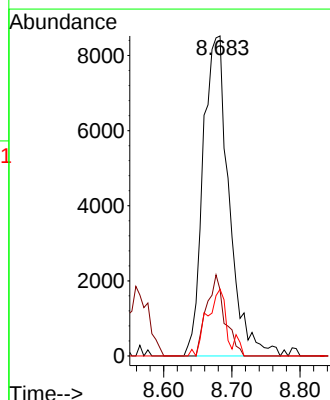
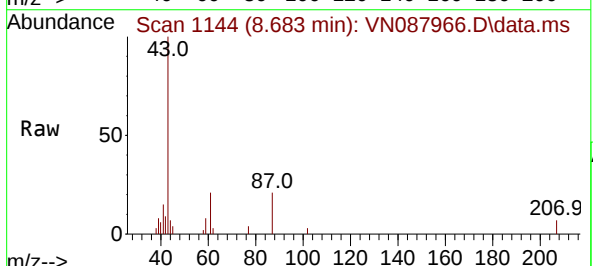
RT: 8.683 min Scan# 1144

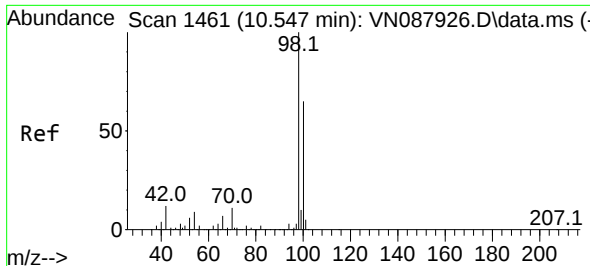
Delta R.T. 0.012 min

Lab File: VN087966.D

Acq: 26 Sep 2025 15:06

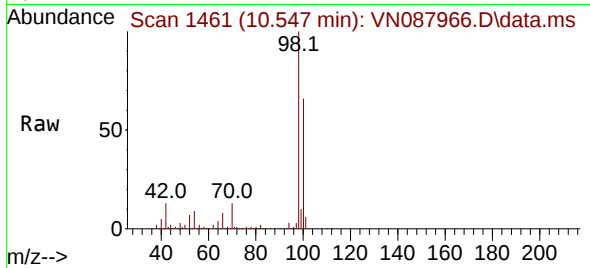
Tgt Ion:	43	Resp:	22618
Ion Ratio	Lower	Upper	
43	100		
61	17.9	20.2	30.2#
87	14.7	10.9	16.3





#50
Toluene-d8
Concen: 48.629 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087966.D
Acq: 26 Sep 2025 15:06

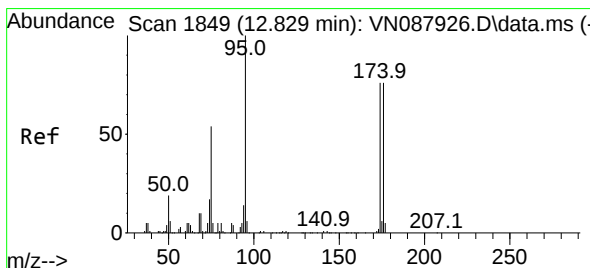
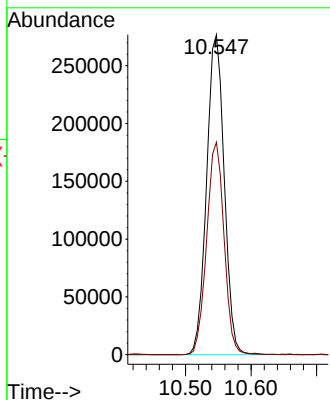
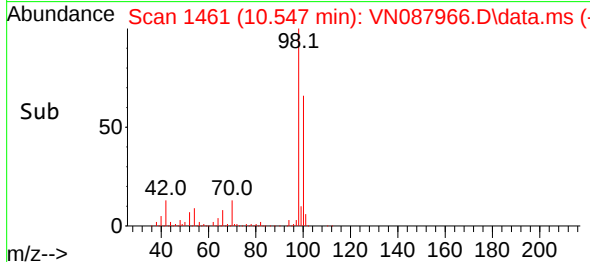
Instrument :
MSVOA_N
ClientSampleId :
PB169841TB



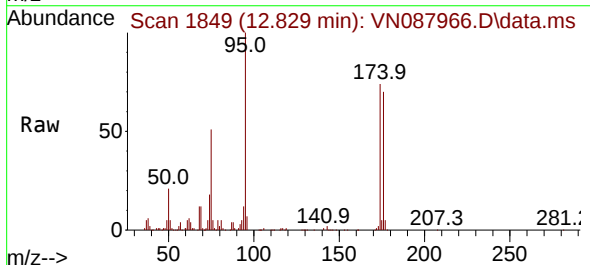
Tgt Ion: 98 Resp: 51762
Ion Ratio Lower Upper
98 100
100 65.4 51.7 77.5

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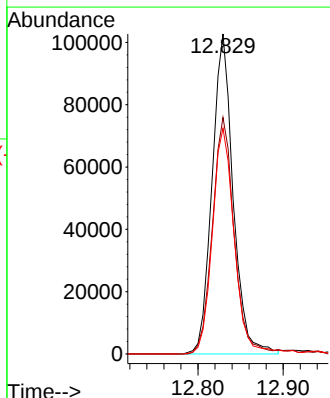
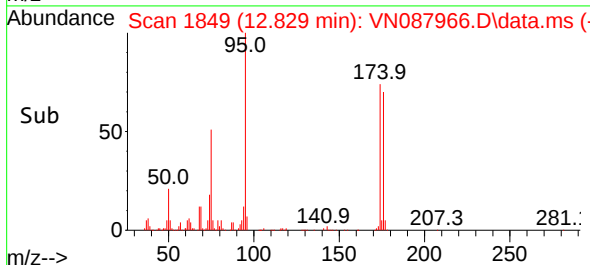
Reviewed By :Mahesh Dadoda 09/29/2025
Supervised By :Semsettin Yesilyurt 09/29/2025

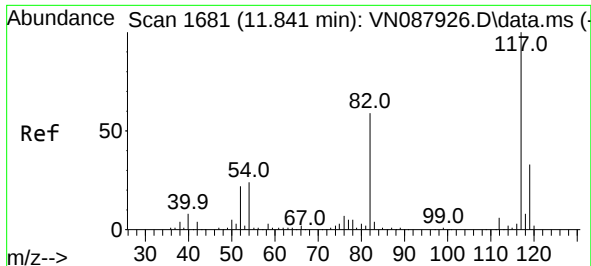


#62
4-Bromofluorobenzene
Concen: 46.388 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087966.D
Acq: 26 Sep 2025 15:06



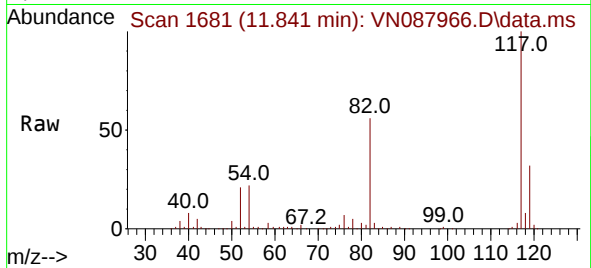
Tgt Ion: 95 Resp: 176497
Ion Ratio Lower Upper
95 100
174 75.9 0.0 159.2
176 73.7 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087966.D
Acq: 26 Sep 2025 15:06

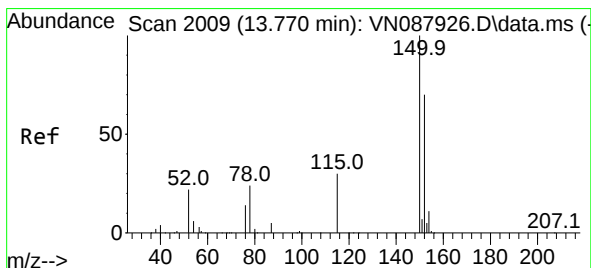
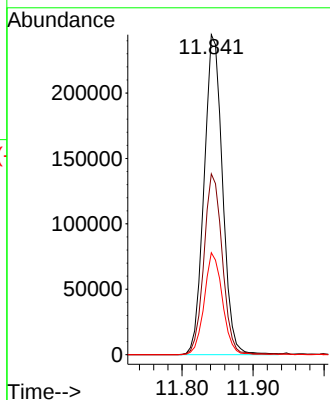
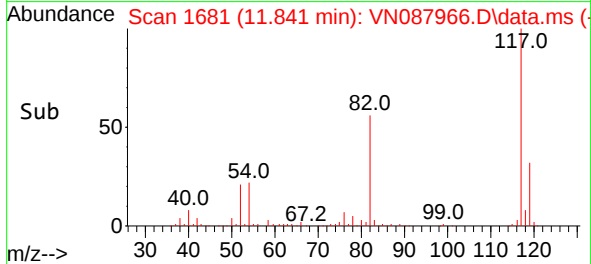
Instrument :
MSVOA_N
ClientSampleId :
PB169841TB



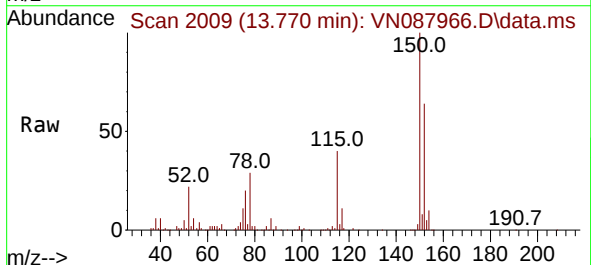
Tgt Ion:117 Resp: 441917
Ion Ratio Lower Upper
117 100
82 56.5 47.0 70.4
119 31.8 26.1 39.1

Manual Integrations
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Supervised By :Semsettin Yesilyurt 09/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087966.D
Acq: 26 Sep 2025 15:06



Tgt Ion:152 Resp: 196760
Ion Ratio Lower Upper
152 100
115 60.3 29.9 89.7
150 157.1 0.0 335.0

