

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
 Data File : VN086580.D
 Acq On : 12 May 2025 14:52
 Operator : JC\MD
 Sample : PB167932ZHE#05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#05

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/13/2025
 Supervised By :Semsettin Yesilyurt 05/13/2025

Quant Time: May 13 01:52:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	176376	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122640	47.951	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.900%
35) Dibromofluoromethane	8.165	113	96548	63.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	126.200%#
50) Toluene-d8	10.565	98	422282	51.639	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.280%
62) 4-Bromofluorobenzene	12.847	95	150491	50.455	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.900%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	25853	24.079	ug/l	100
20) Methylene Chloride	5.283	84	4081	1.726	ug/l #	80
43) Isopropyl Acetate	8.682	43	25396m	2.584	ug/l	

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

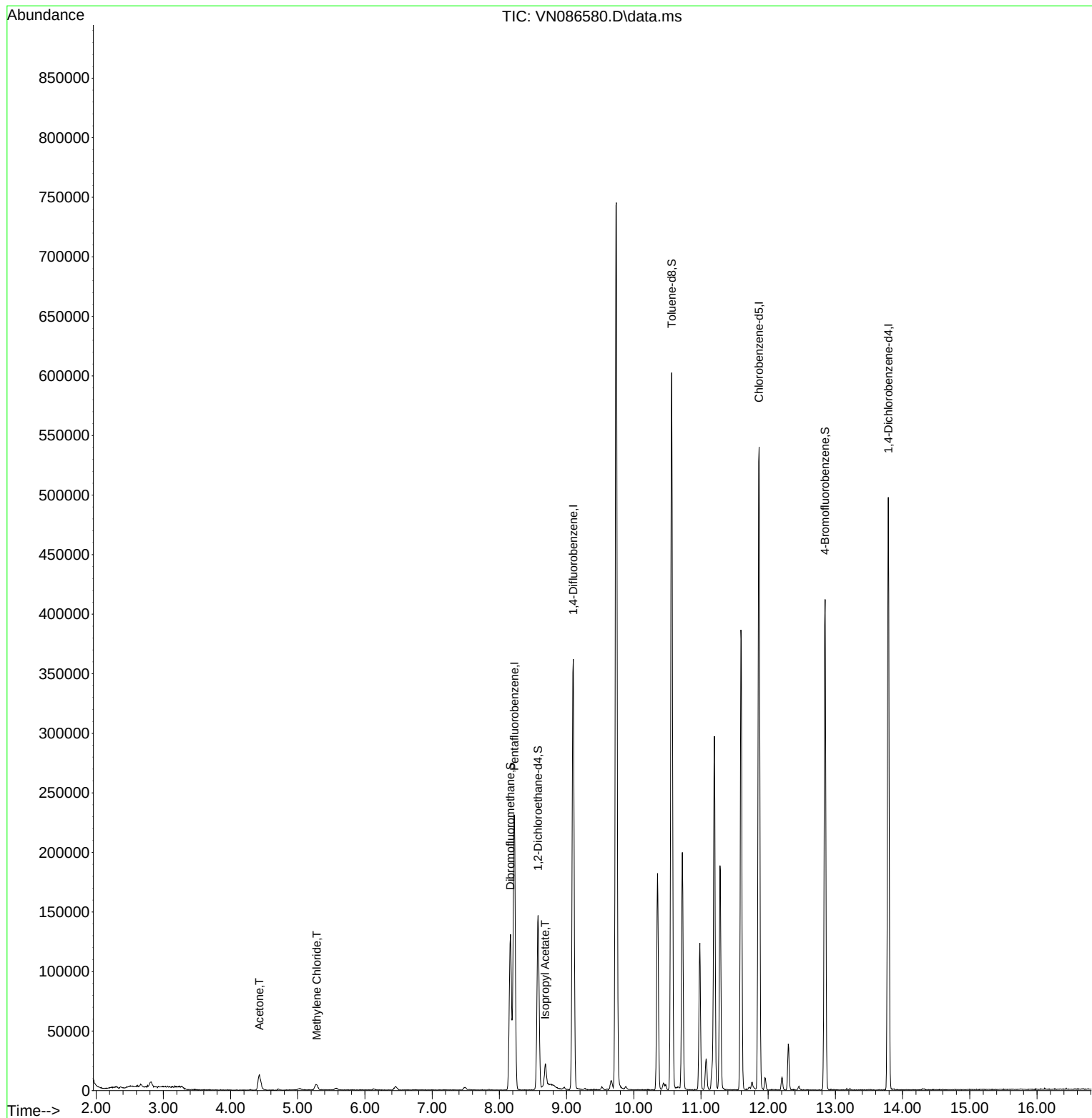
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051225\
Data File : VN086580.D
Acq On : 12 May 2025 14:52
Operator : JC\MD
Sample : PB167932ZHE#05
Misc : 5.0mL/MSVOA_N/WATER
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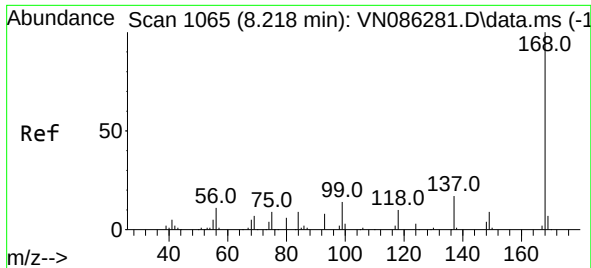
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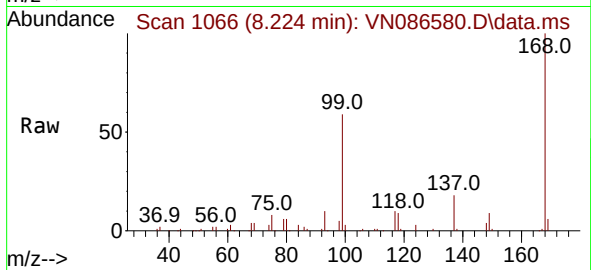
Quant Time: May 13 01:52:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086580.D
Acq: 12 May 2025 14:52

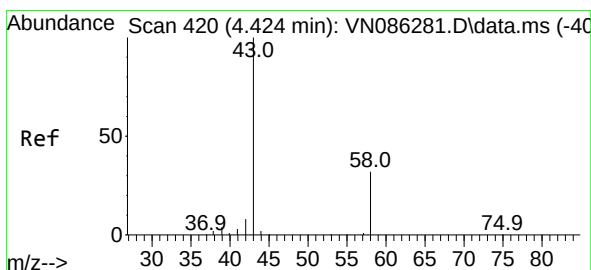
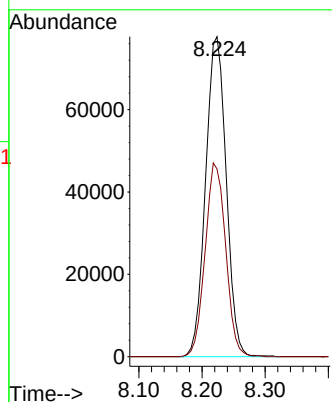
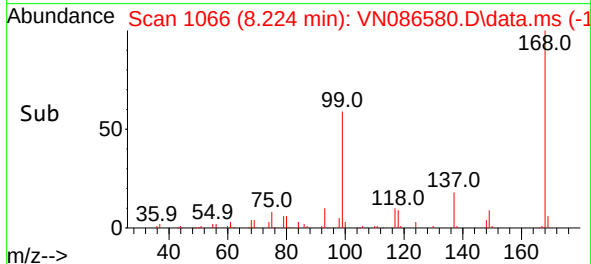
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#05



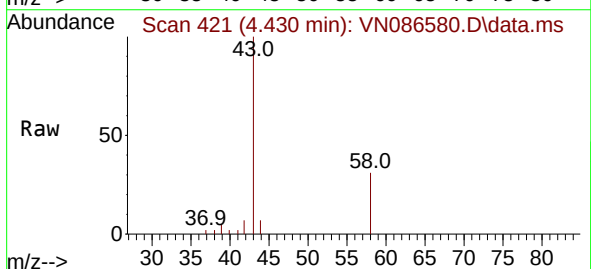
Tgt Ion:168 Resp: 176370
Ion Ratio Lower Upper
168 100
99 58.6 52.5 78.7

Manual Integrations
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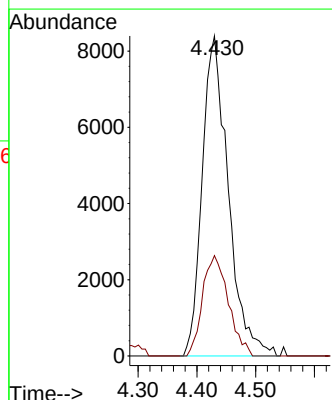
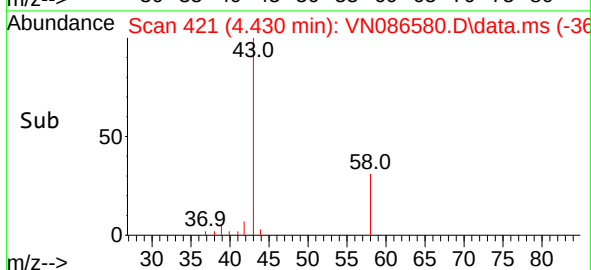
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025

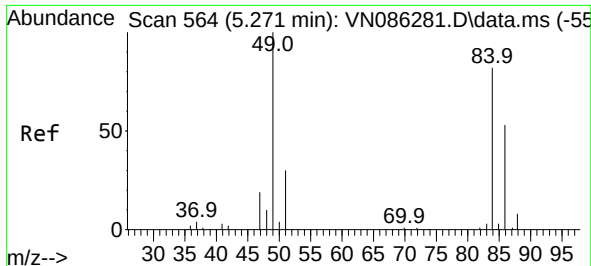


#16
Acetone
Concen: 24.079 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086580.D
Acq: 12 May 2025 14:52



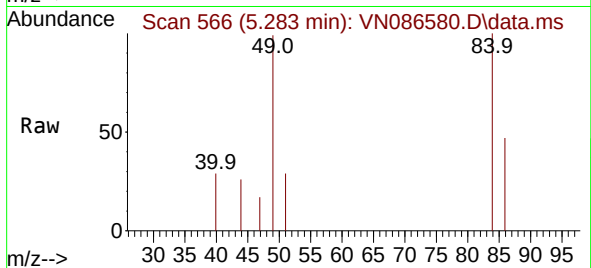
Tgt Ion: 43 Resp: 25853
Ion Ratio Lower Upper
43 100
58 31.3 25.3 37.9





#20
Methylene Chloride
Concen: 1.726 ug/l
RT: 5.283 min Scan# 508
Delta R.T. 0.012 min
Lab File: VN086580.D
Acq: 12 May 2025 14:52

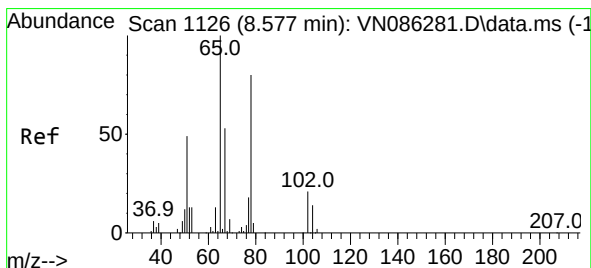
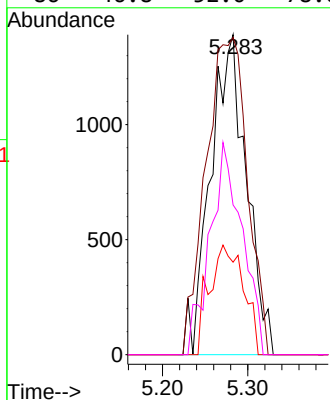
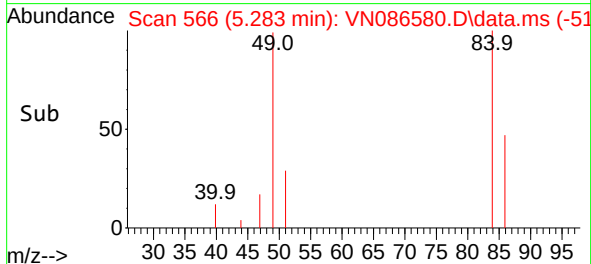
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#05



Tgt Ion: 84 Resp: 408
Ion Ratio Lower Upper
84 100
49 99.1 98.2 147.2
51 28.9 29.8 44.6
86 46.8 52.0 78.0#

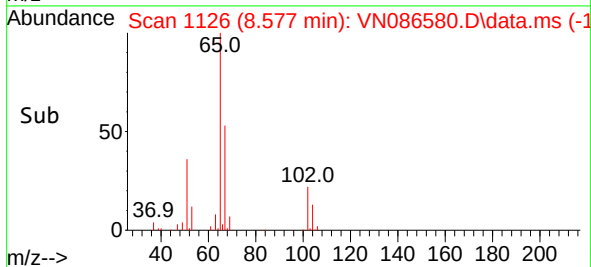
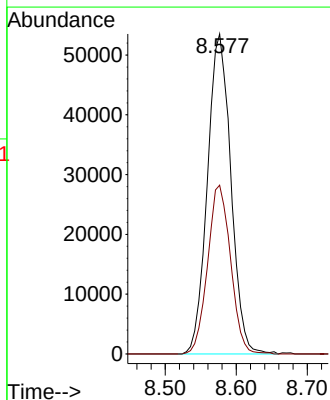
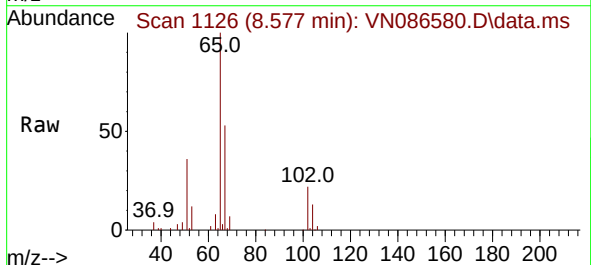
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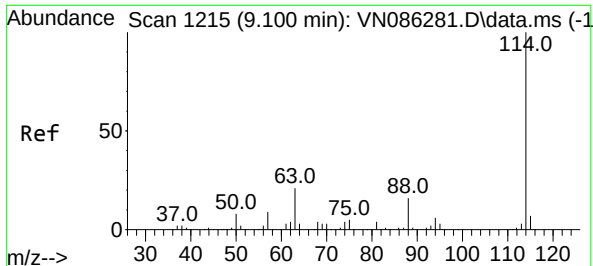
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#33
1,2-Dichloroethane-d4
Concen: 47.951 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086580.D
Acq: 12 May 2025 14:52

Tgt Ion: 65 Resp: 122640
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086580.D

Acq: 12 May 2025 14:52

Instrument :

MSVOA_N

ClientSampleId :

PB167932ZHE#05

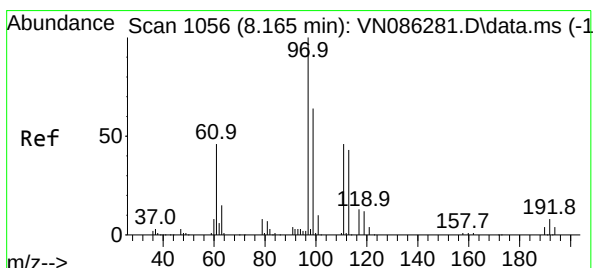
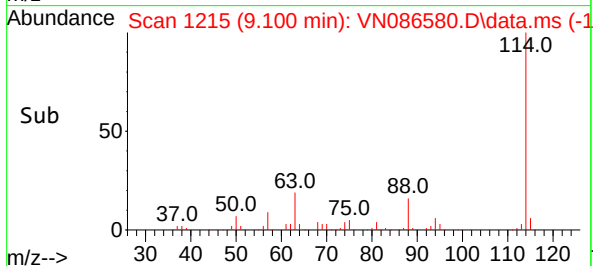
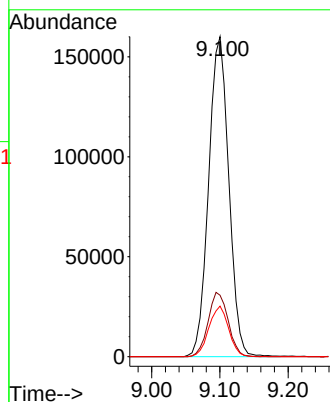
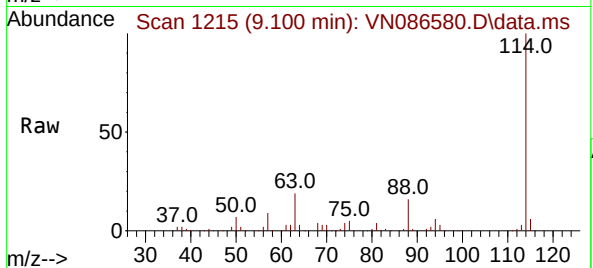
Tgt Ion:114 Resp: 329680

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	42.6
88	15.8	0.0	31.8

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Supervised By :Semsettin Yesilyurt 05/13/2025



#35

Dibromofluoromethane

Concen: 63.100 ug/l

RT: 8.165 min Scan# 1056

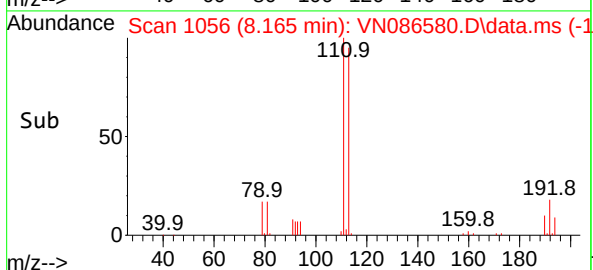
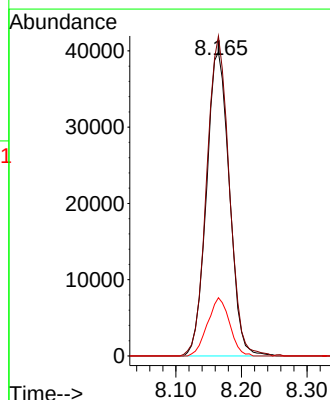
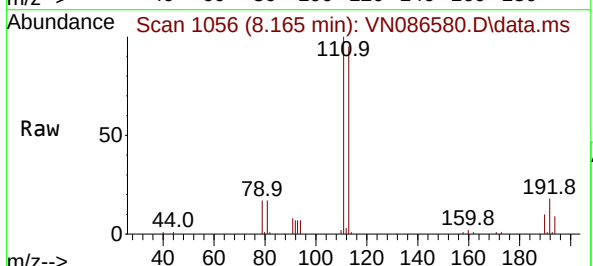
Delta R.T. -0.000 min

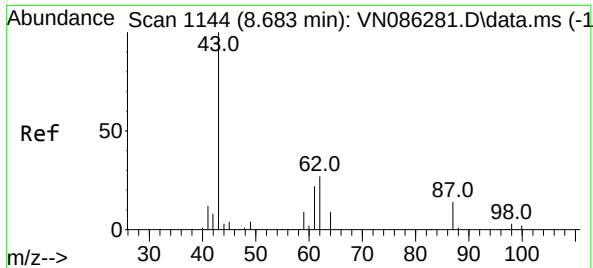
Lab File: VN086580.D

Acq: 12 May 2025 14:52

Tgt Ion:113 Resp: 96548

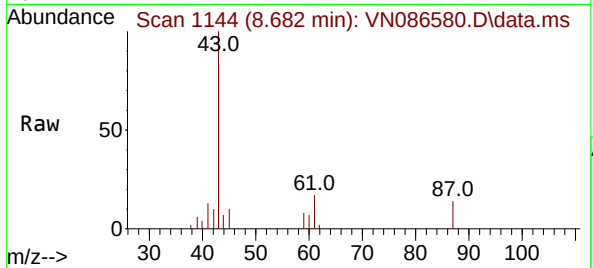
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.4	125.0
192	18.4	13.7	20.5





#43
Isopropyl Acetate
Concen: 2.584 ug/l m
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086580.D
Acq: 12 May 2025 14:52

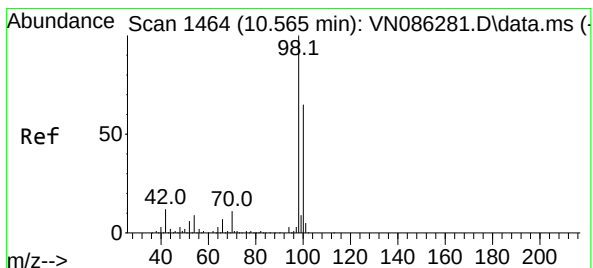
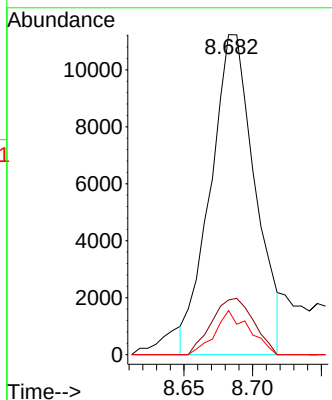
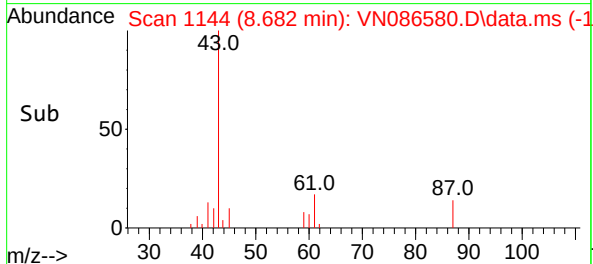
Instrument : MSVOA_N
ClientSampleId : PB167932ZHE#05



Tgt Ion: 43 Resp: 25390
Ion Ratio Lower Upper
43 100
61 16.5 20.5 30.7
87 10.6 10.5 15.7

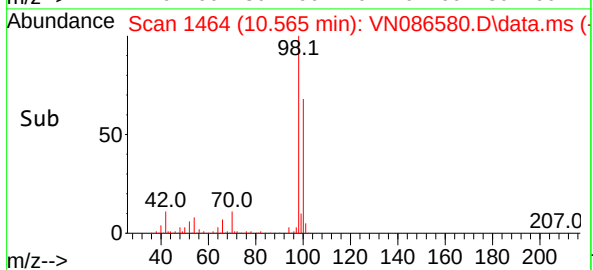
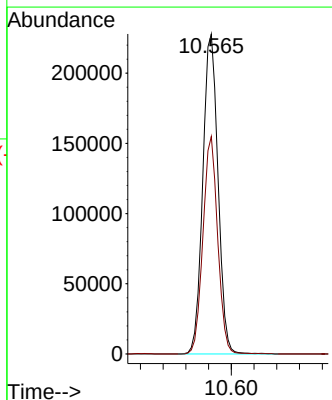
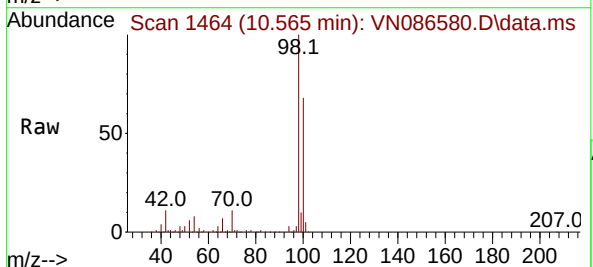
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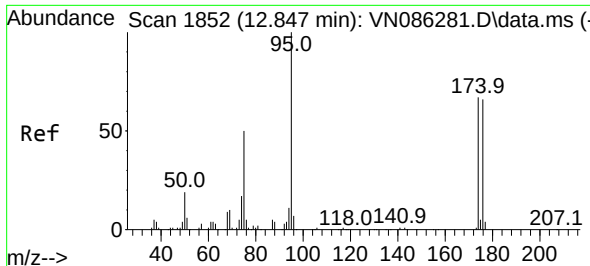
Reviewed By :Mahesh Dadoda 05/13/2025
Supervised By :Semsettin Yesilyurt 05/13/2025



#50
Toluene-d8
Concen: 51.639 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086580.D
Acq: 12 May 2025 14:52

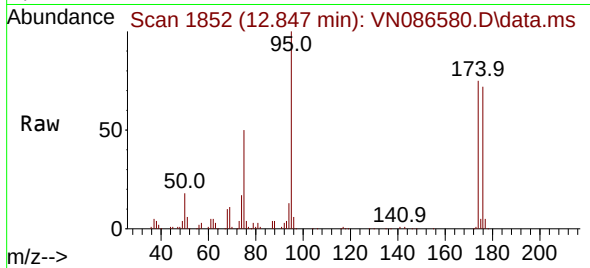
Tgt Ion: 98 Resp: 422282
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 50.455 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086580.D
Acq: 12 May 2025 14:52

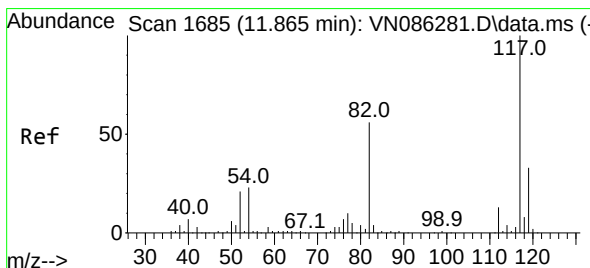
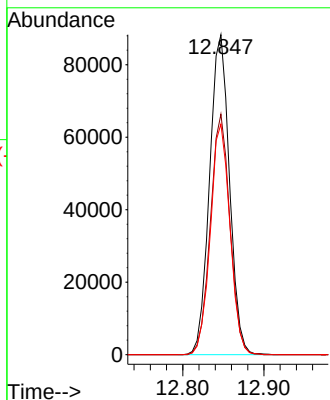
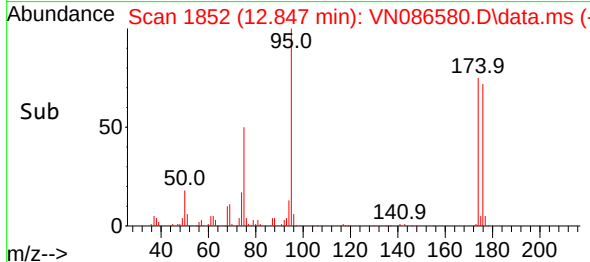
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#05



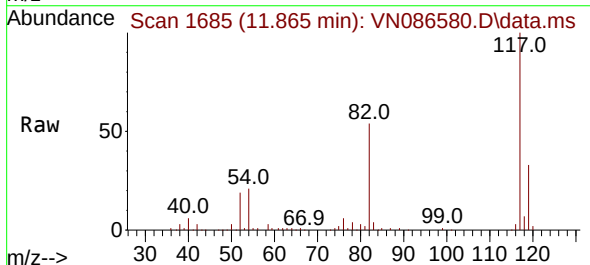
Tgt Ion: 95 Resp: 15049
Ion Ratio Lower Upper
95 100
174 73.9 0.0 133.4
176 70.9 0.0 129.2

Manual Integrations
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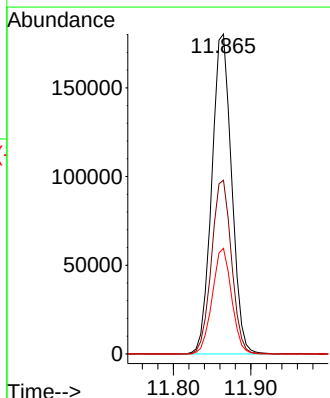
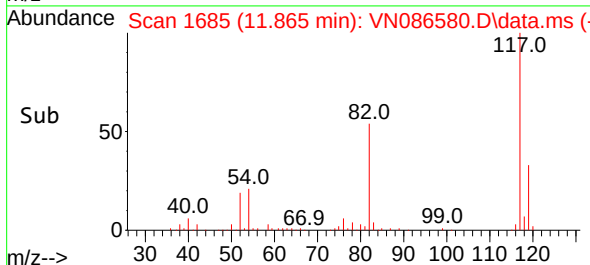
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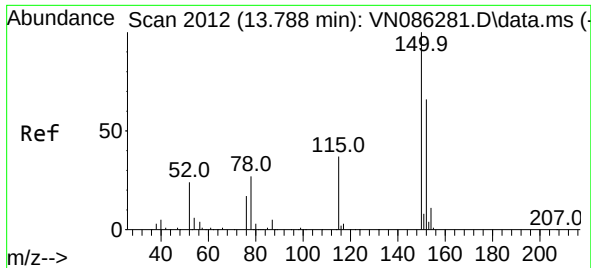


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086580.D
Acq: 12 May 2025 14:52



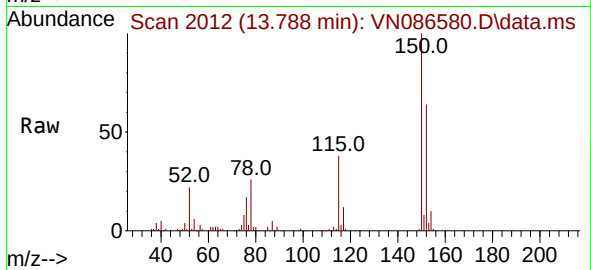
Tgt Ion:117 Resp: 320968
Ion Ratio Lower Upper
117 100
82 54.3 44.7 67.1
119 33.0 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086580.D
 Acq: 12 May 2025 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#05



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	31.9	95.9
150	158.3	0.0	352.0

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