

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086602.D
 Acq On : 13 May 2025 15:23
 Operator : JC\MD
 Sample : PB167964TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167964TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/14/2025
 Supervised By : Mahesh Dadoda 05/14/2025

Quant Time: May 14 01:45:40 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	153904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	115835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110800	49.647	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.300%		
35) Dibromofluoromethane	8.165	113	88448	64.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	128.860%#		
50) Toluene-d8	10.565	98	389475	53.084	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.160%		
62) 4-Bromofluorobenzene	12.847	95	133105	49.738	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.480%		
Target Compounds						
16) Acetone	4.430	43	30266	34.301	ug/l	98
20) Methylene Chloride	5.271	84	4371	2.119	ug/l #	89
43) Isopropyl Acetate	8.683	43	36350m	5.245	ug/l	

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

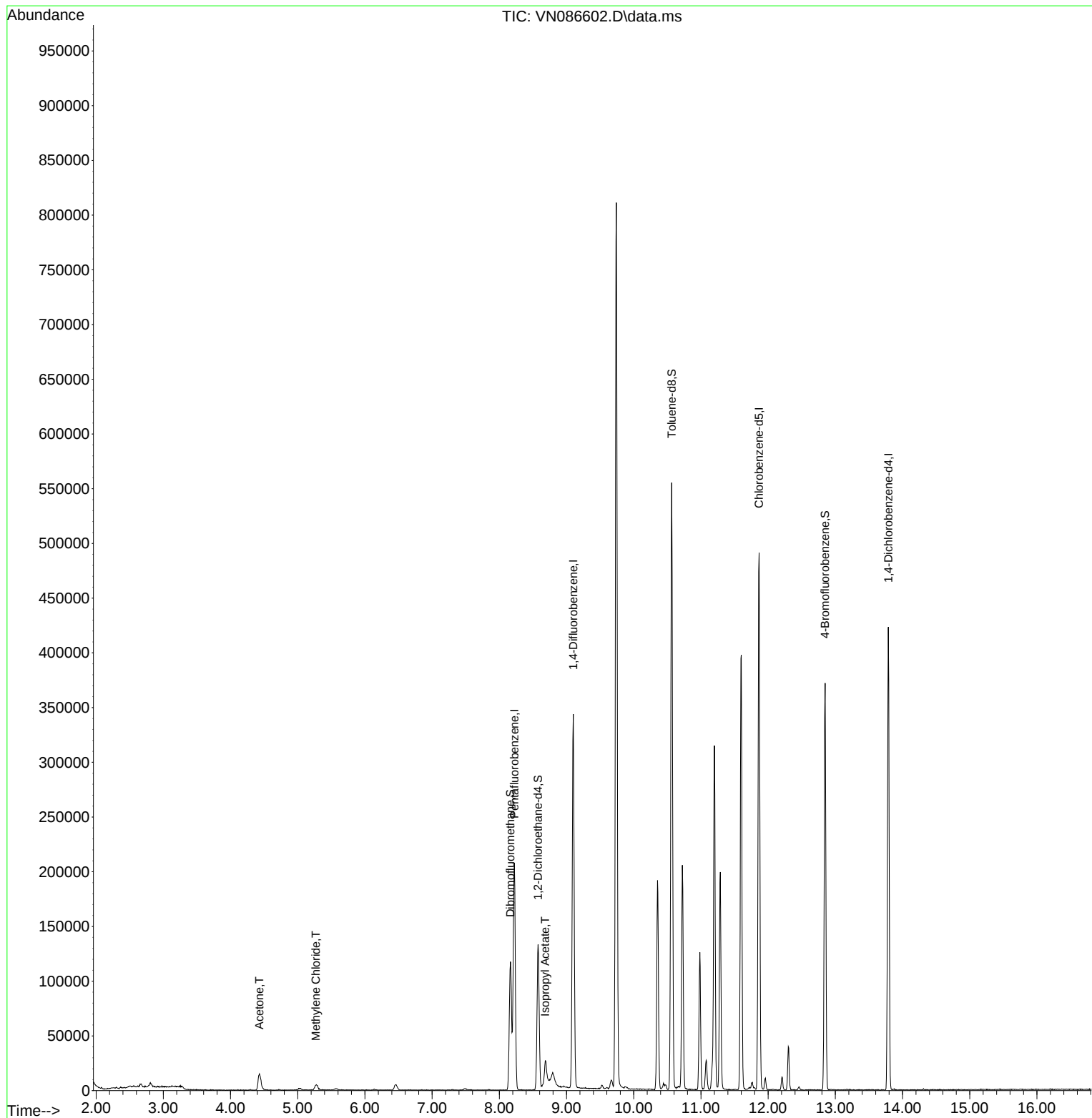
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
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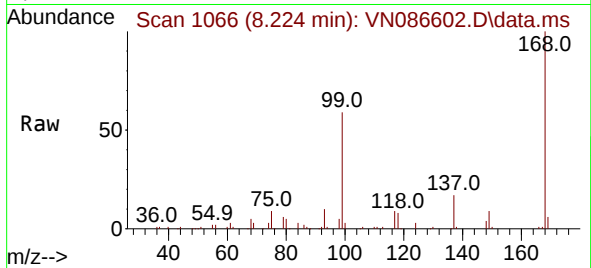
Quant Time: May 14 01:45:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086602.D
Acq: 13 May 2025 15:23

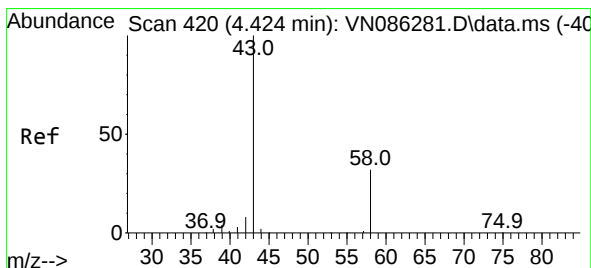
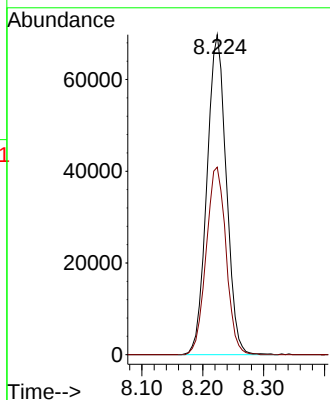
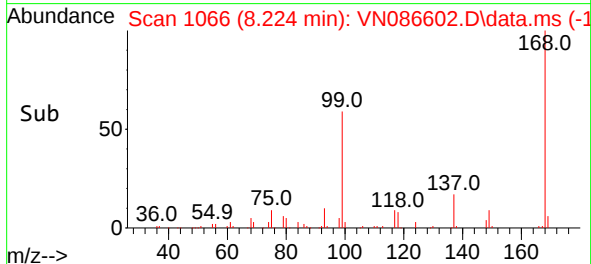
Instrument :
MSVOA_N
ClientSampleId :
PB167964TB



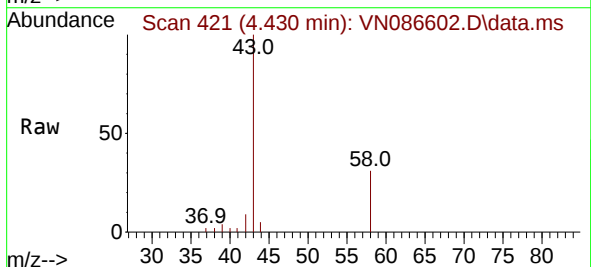
Tgt Ion:168 Resp: 153904
Ion Ratio Lower Upper
168 100
99 58.6 52.5 78.7

Manual Integrations
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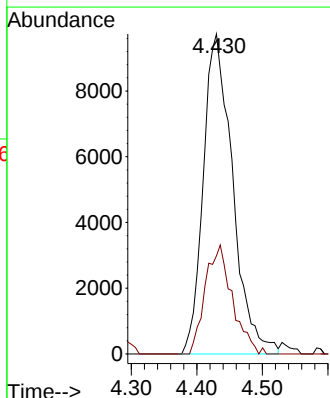
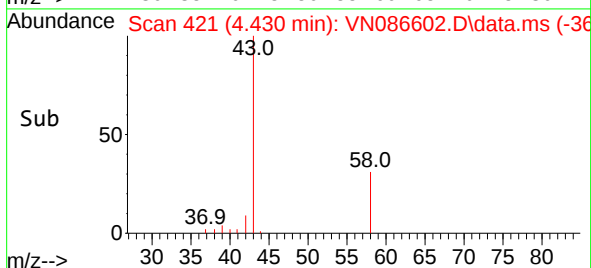
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#16
Acetone
Concen: 34.301 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086602.D
Acq: 13 May 2025 15:23



Tgt Ion: 43 Resp: 30266
Ion Ratio Lower Upper
43 100
58 30.6 25.3 37.9





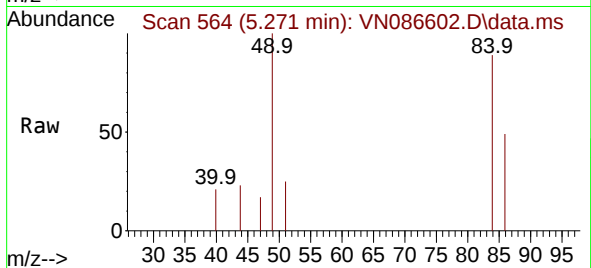
#20
Methylene Chloride
Concen: 2.119 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN086602.D
Acq: 13 May 2025 15:23

Instrument :

MSVOA_N

ClientSampleId :

PB167964TB



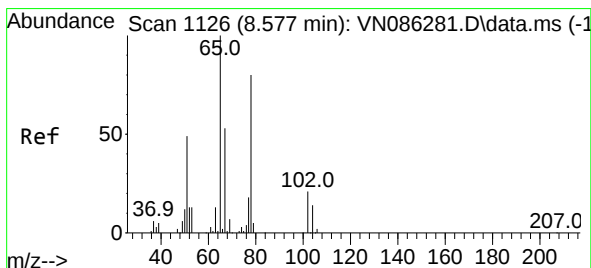
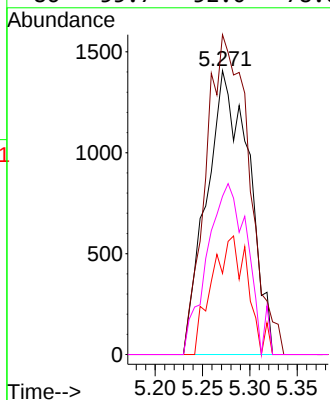
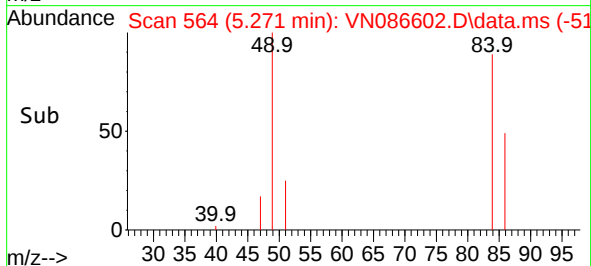
Tgt Ion: 84 Resp: 437
Ion Ratio Lower Upper
84 100
49 112.7 98.2 147.2
51 28.6 29.8 44.6
86 55.7 52.0 78.0

Manual Integrations

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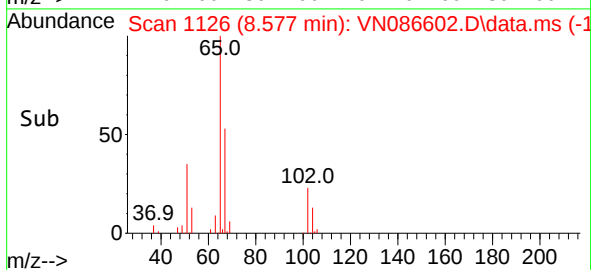
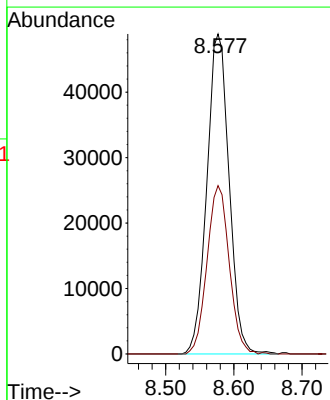
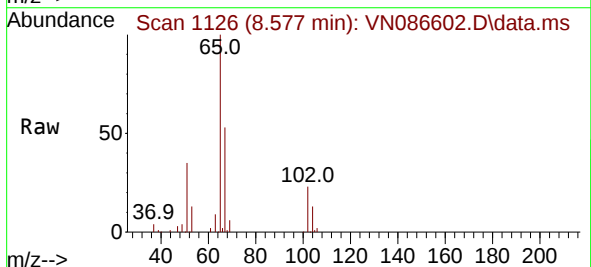
Reviewed By :John Carlone 05/14/2025

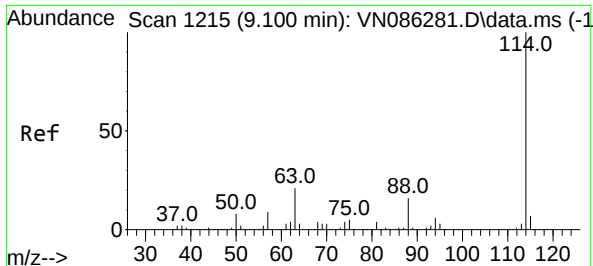
Supervised By :Mahesh Dadoda 05/14/2025



#33
1,2-Dichloroethane-d4
Concen: 49.647 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086602.D
Acq: 13 May 2025 15:23

Tgt Ion: 65 Resp: 110800
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN086602.D
Acq: 13 May 2025 15:23

Instrument :

MSVOA_N

ClientSampleId :

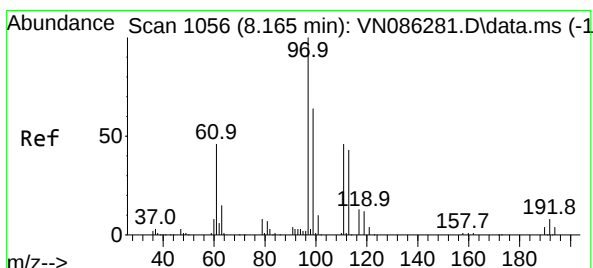
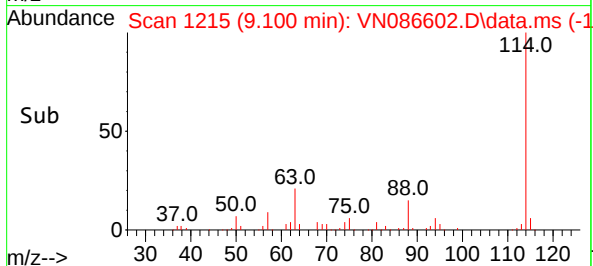
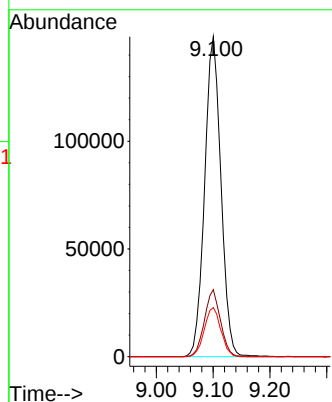
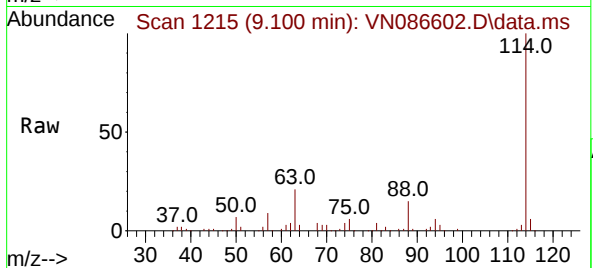
PB167964TB

Tgt Ion:114 Resp: 295794
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.6
88 15.4 0.0 31.8

Manual Integrations

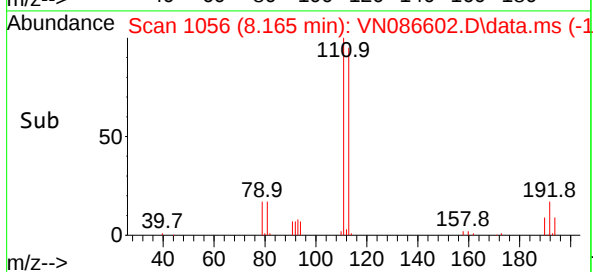
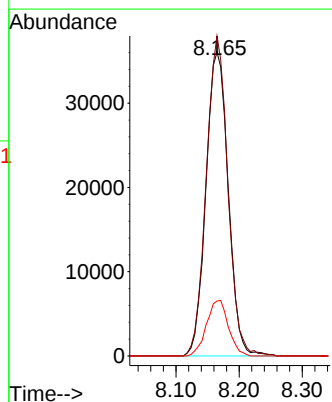
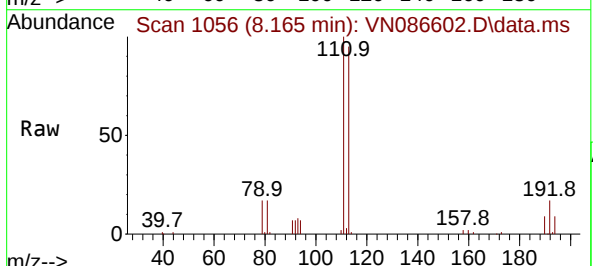
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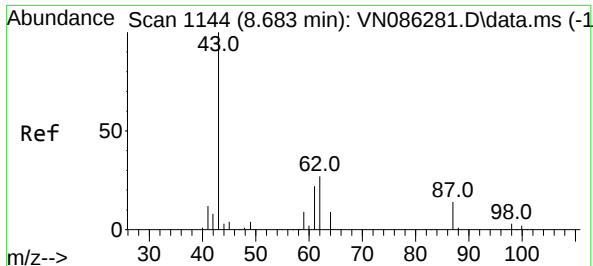
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#35
Dibromofluoromethane
Concen: 64.428 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086602.D
Acq: 13 May 2025 15:23

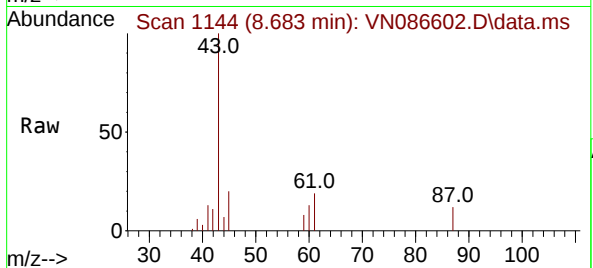
Tgt Ion:113 Resp: 88448
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.0
192 18.0 13.7 20.5





#43
Isopropyl Acetate
Concen: 5.245 ug/l m
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086602.D
Acq: 13 May 2025 15:23

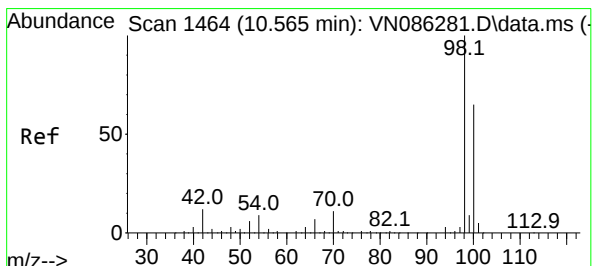
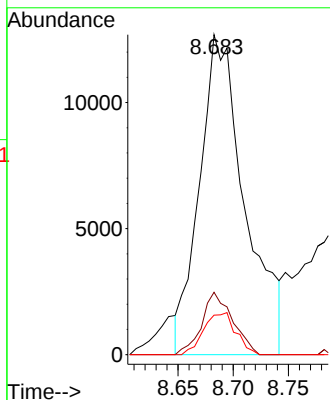
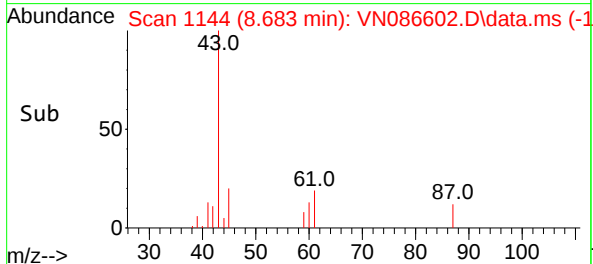
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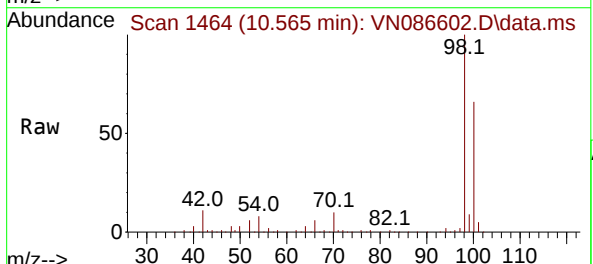
Tgt Ion: 43 Resp: 36350
Ion Ratio Lower Upper
43 100
61 13.3 20.5 30.7
87 9.3 10.5 15.7

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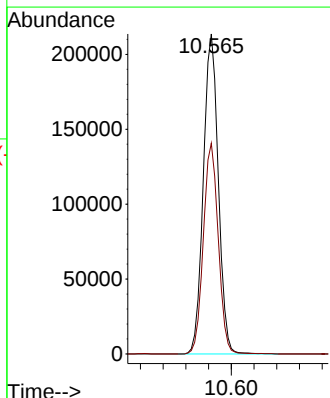
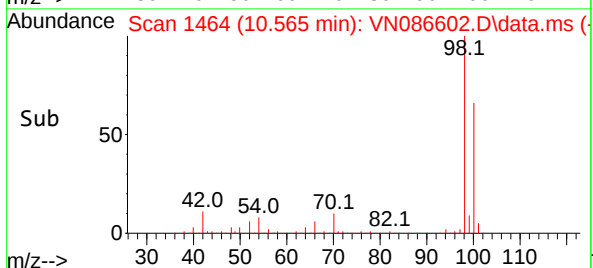
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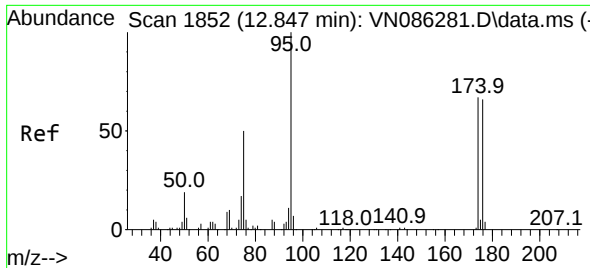


#50
Toluene-d8
Concen: 53.084 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086602.D
Acq: 13 May 2025 15:23



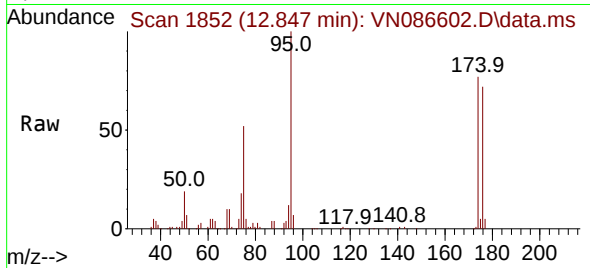
Tgt Ion: 98 Resp: 389475
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 49.738 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086602.D
Acq: 13 May 2025 15:23

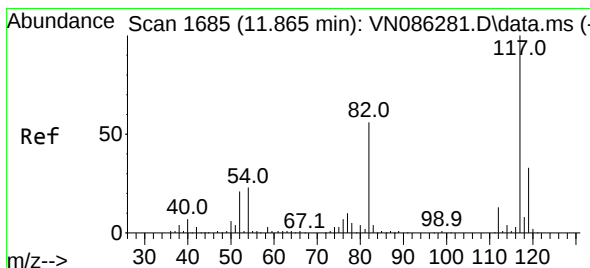
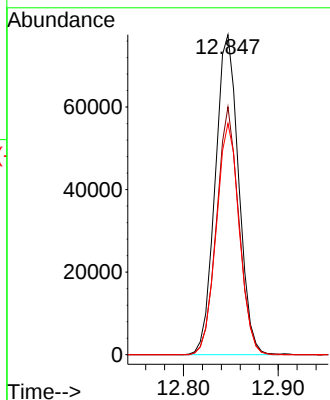
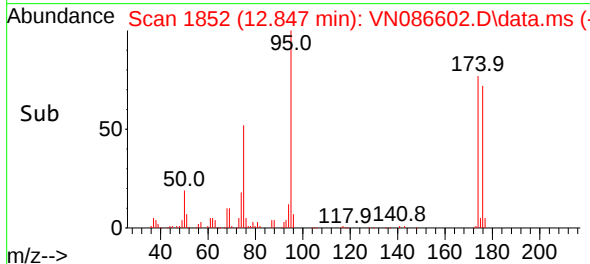
Instrument :
MSVOA_N
ClientSampleId :
PB167964TB



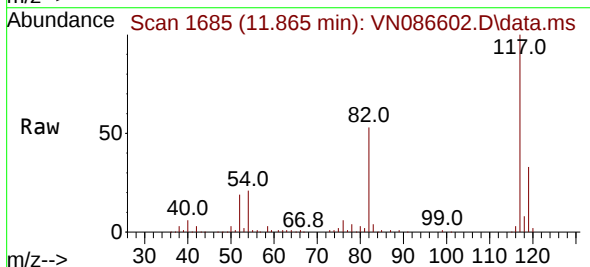
Tgt Ion: 95 Resp: 13310
Ion Ratio Lower Upper
95 100
174 73.7 0.0 133.4
176 71.2 0.0 129.2

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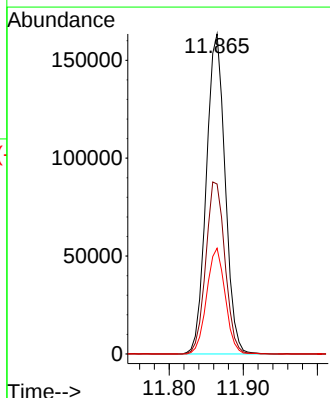
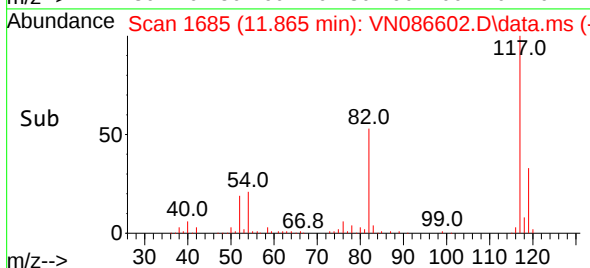
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

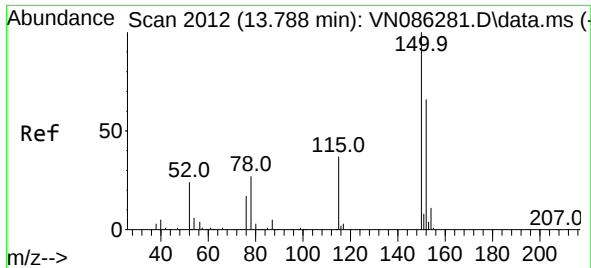


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086602.D
Acq: 13 May 2025 15:23



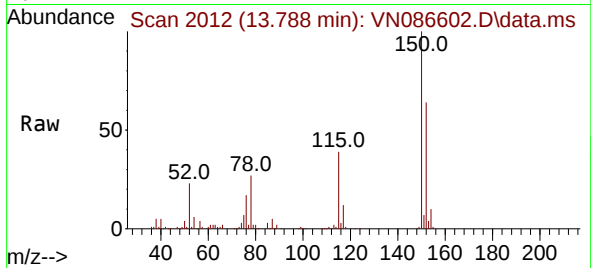
Tgt Ion:117 Resp: 287951
Ion Ratio Lower Upper
117 100
82 53.1 44.7 67.1
119 33.0 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN086602.D
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Instrument :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	31.9	95.9
150	160.4	0.0	352.0

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