

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
 Data File : VN086598.D
 Acq On : 13 May 2025 13:46
 Operator : JC\MD
 Sample : PB167932ZHE#17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167932ZHE#17

Manual Integrations
 APPROVED

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

Quant Time: May 14 01:43:36 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	162419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117539	49.906	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.820%			
35) Dibromofluoromethane	8.165	113	92047	63.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 126.760%#			
50) Toluene-d8	10.565	98	398681	51.364	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.720%			
62) 4-Bromofluorobenzene	12.847	95	134424	47.481	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.960%			
Target Compounds						
16) Acetone	4.436	43	22565	22.518	ug/l	93
20) Methylene Chloride	5.271	84	4464	2.050	ug/l	95
43) Isopropyl Acetate	8.688	43	26900m	3.101	ug/l	

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

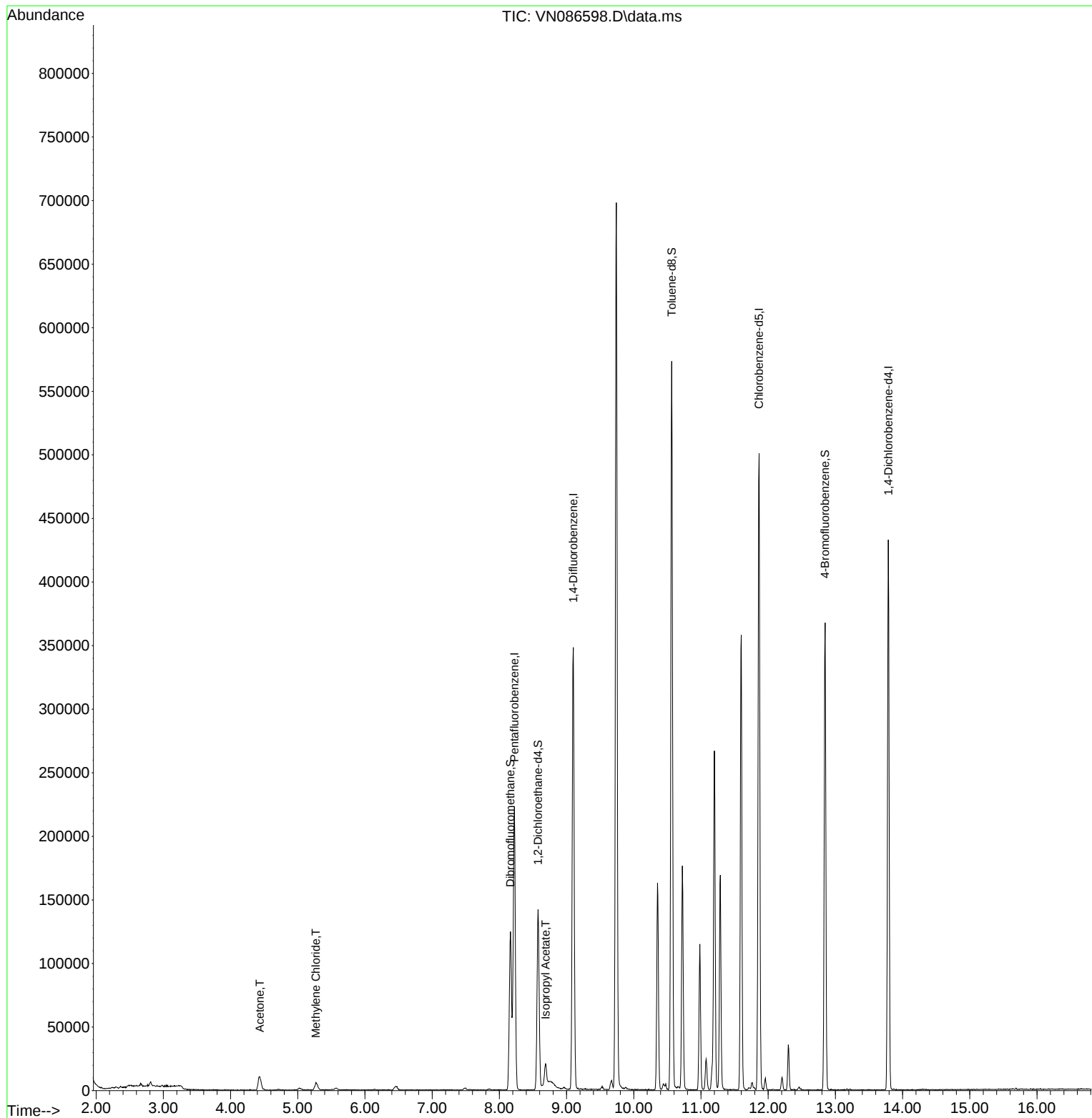
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051325\
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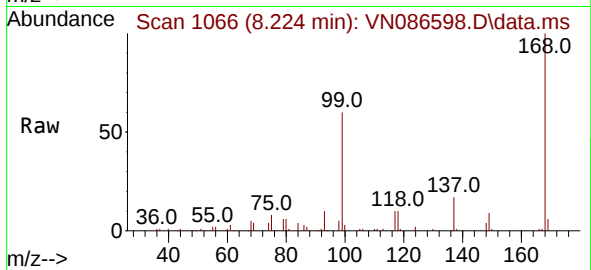
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086598.D
Acq: 13 May 2025 13:46

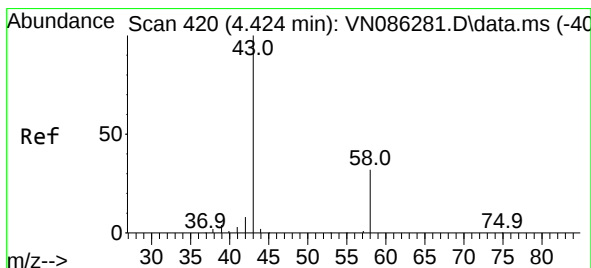
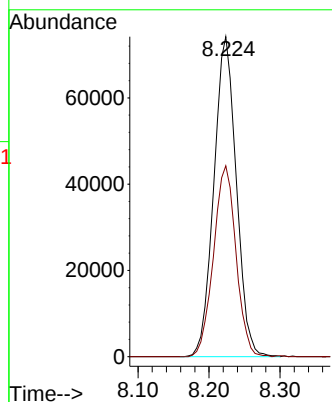
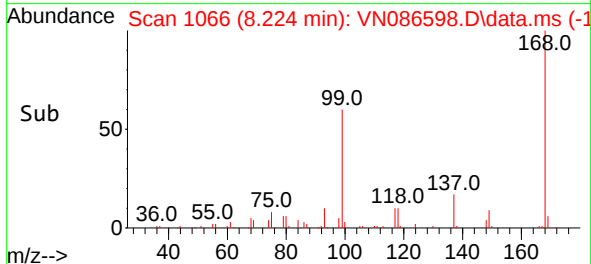
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#17



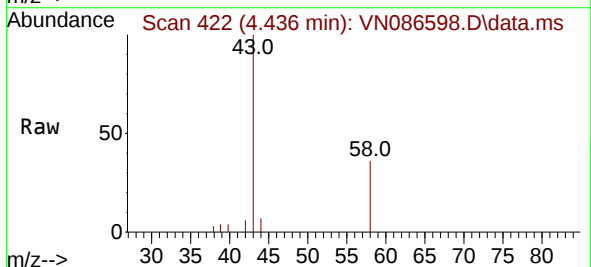
Tgt Ion:168 Resp: 162419
Ion Ratio Lower Upper
168 100
99 59.6 52.5 78.7

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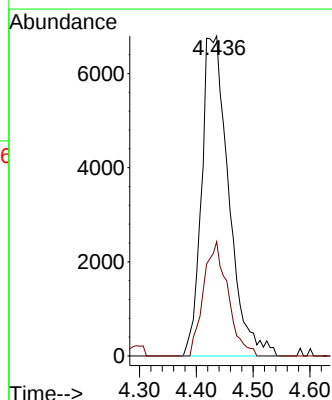
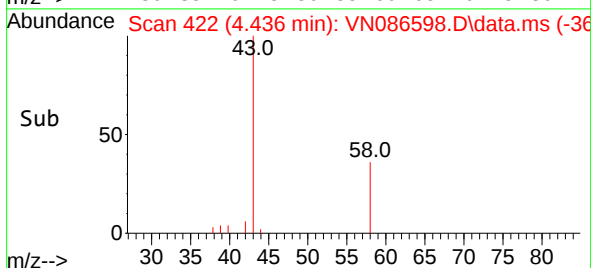
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#16
Acetone
Concen: 22.518 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086598.D
Acq: 13 May 2025 13:46



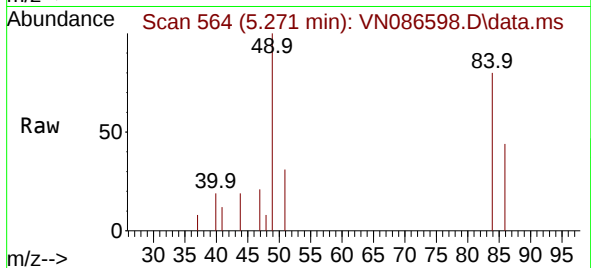
Tgt Ion: 43 Resp: 22565
Ion Ratio Lower Upper
43 100
58 35.7 25.3 37.9





#20
Methylene Chloride
Concen: 2.050 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086598.D
Acq: 13 May 2025 13:46

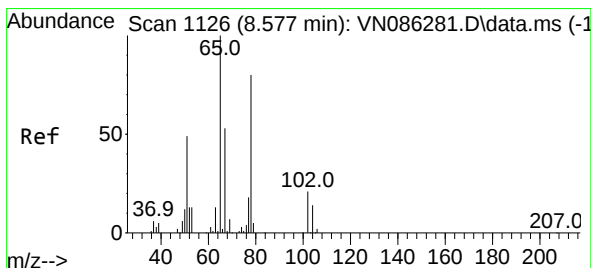
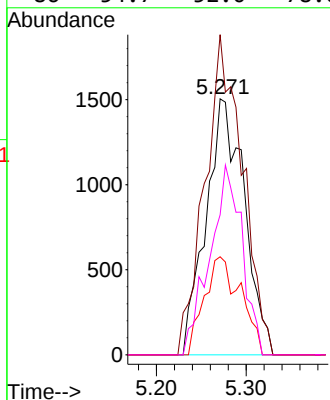
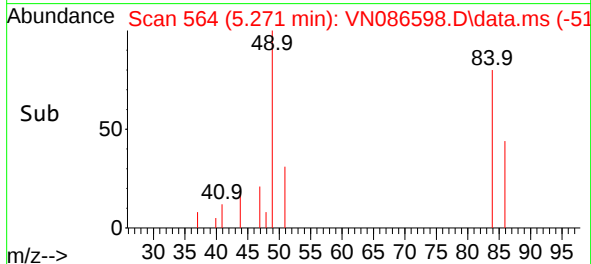
Instrument :
MSVOA_N
ClientSampleId :
PB167932ZHE#17



Tgt Ion: 84 Resp: 4464
Ion Ratio Lower Upper
84 100
49 125.0 98.2 147.2
51 38.3 29.8 44.6
86 54.7 52.0 78.0

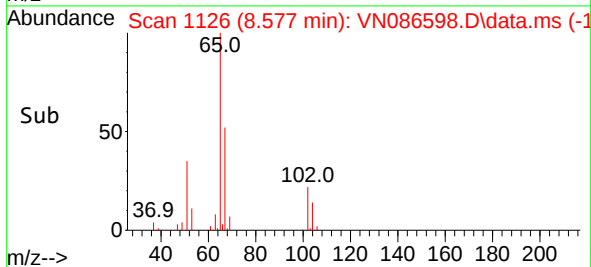
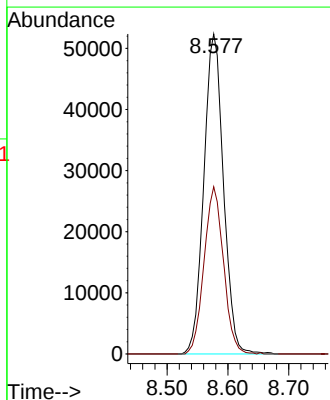
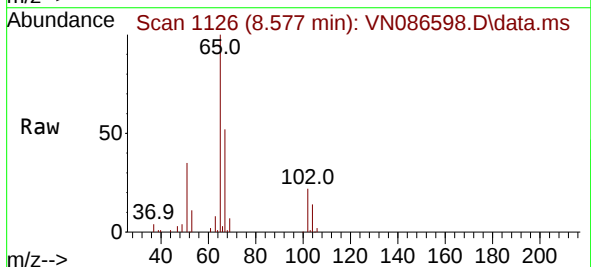
Manual Integrations
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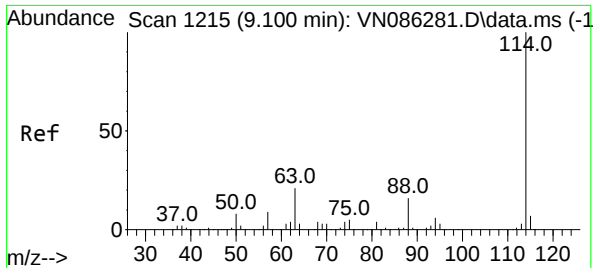
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#33
1,2-Dichloroethane-d4
Concen: 49.906 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086598.D
Acq: 13 May 2025 13:46

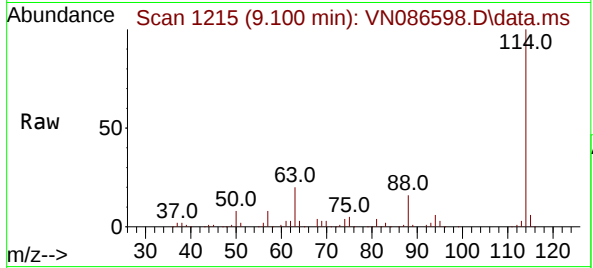
Tgt Ion: 65 Resp: 117539
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.0





#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 114
 Delta R.T. -0.000 min
 Lab File: VN086598.D
 Acq: 13 May 2025 13:46

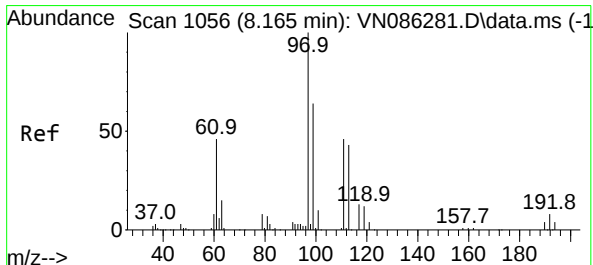
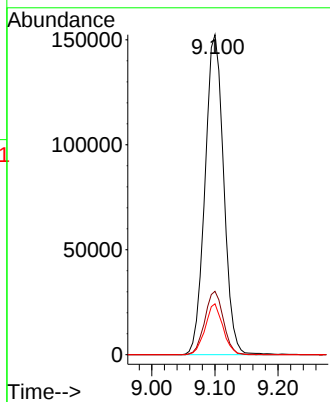
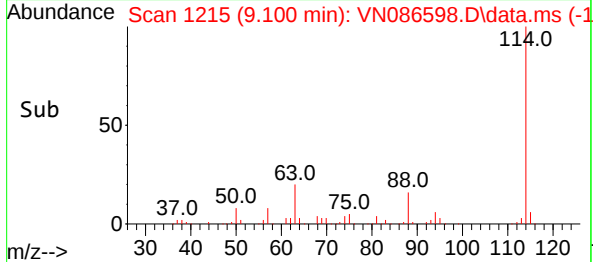
Instrument :
 MSVOA_N
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 PB167932ZHE#17



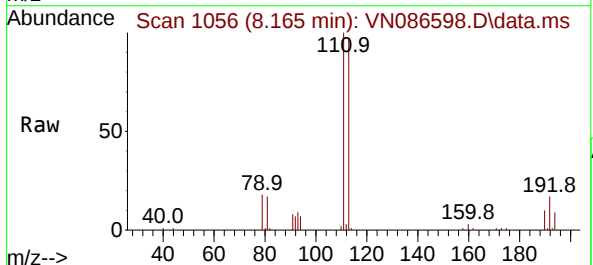
Tgt Ion:	114	Resp:	31292
Ion Ratio	Lower	Upper	
114	100		
63	19.8	0.0	42.6
88	15.9	0.0	31.8

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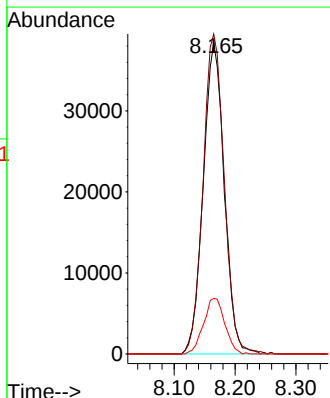
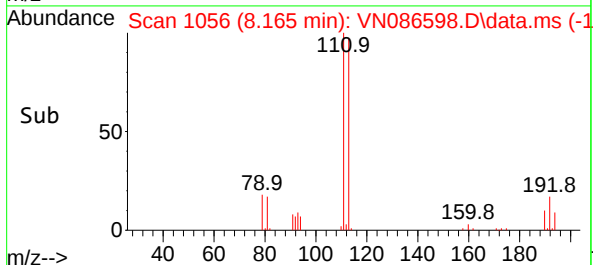
Reviewed By :John Carlone 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

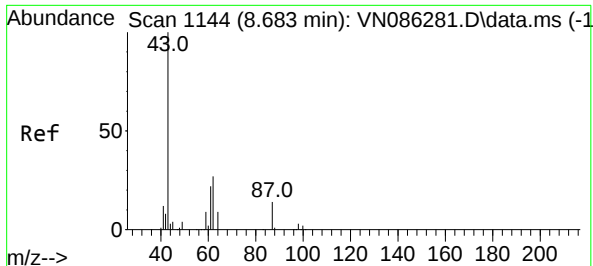


#35
 Dibromofluoromethane
 Concen: 63.379 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN086598.D
 Acq: 13 May 2025 13:46



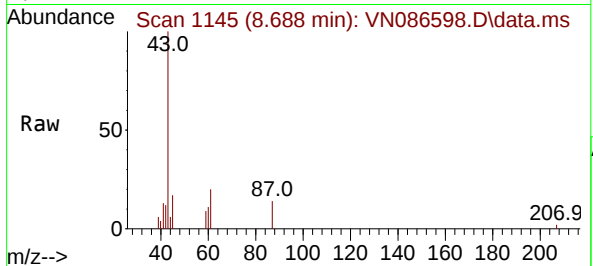
Tgt Ion:	113	Resp:	92047
Ion Ratio	Lower	Upper	
113	100		
111	103.1	83.4	125.0
192	18.1	13.7	20.5





#43
Isopropyl Acetate
Concen: 3.101 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN086598.D
Acq: 13 May 2025 13:46

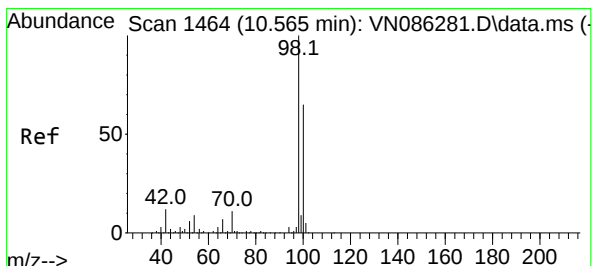
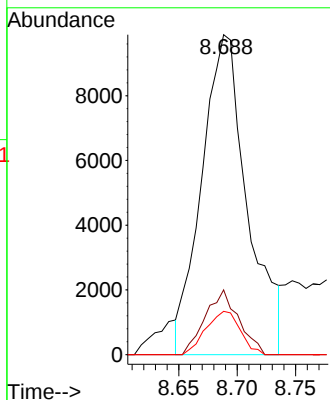
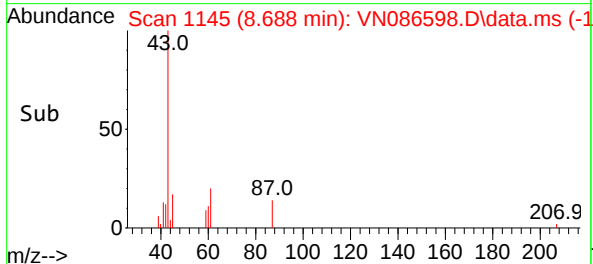
Instrument :
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ClientSampleId :
PB167932ZHE#17



Tgt Ion: 43 Resp: 26900
Ion Ratio Lower Upper
43 100
61 14.9 20.5 30.7
87 10.2 10.5 15.7

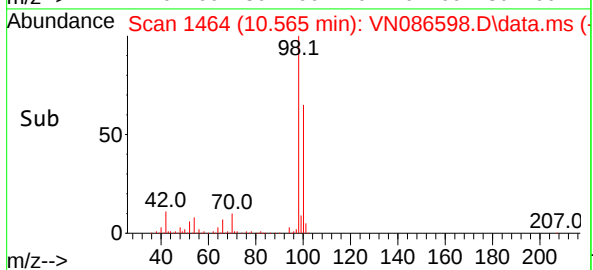
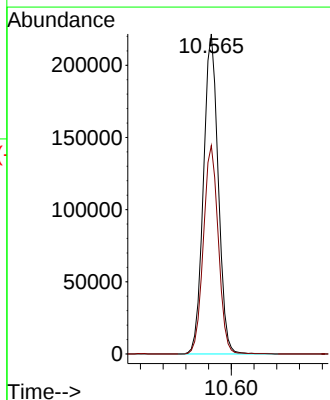
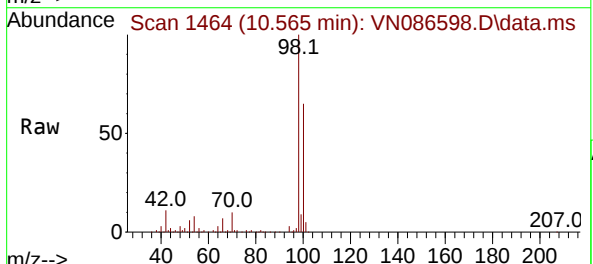
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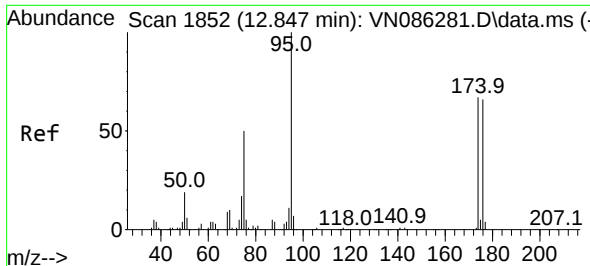
Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#50
Toluene-d8
Concen: 51.364 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086598.D
Acq: 13 May 2025 13:46

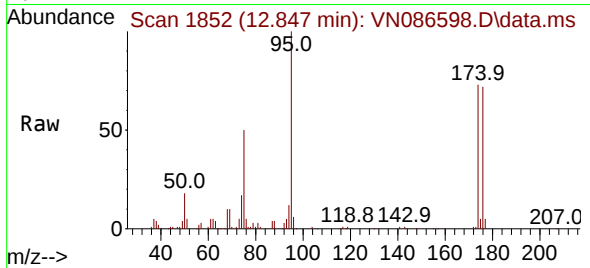
Tgt Ion: 98 Resp: 398681
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7





#62
4-Bromofluorobenzene
Concen: 47.481 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086598.D
Acq: 13 May 2025 13:46

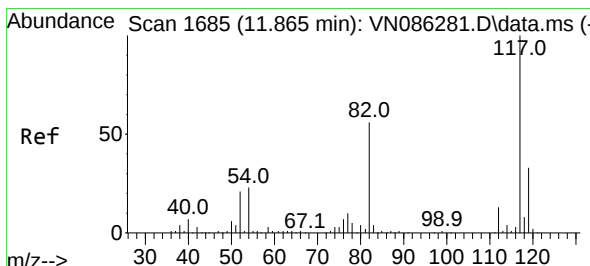
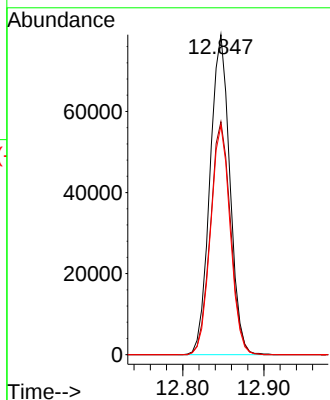
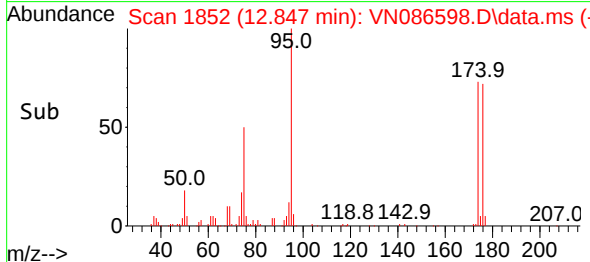
Instrument :
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PB167932ZHE#17



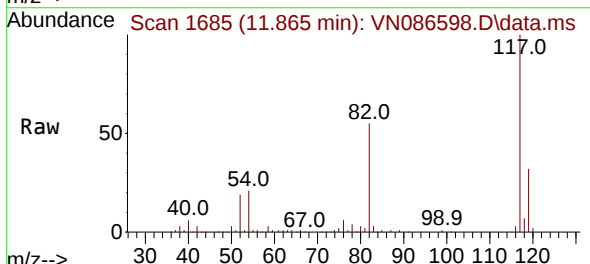
Tgt Ion: 95 Resp: 134424
Ion Ratio Lower Upper
95 100
174 73.9 0.0 133.4
176 70.6 0.0 129.2

Manual Integrations
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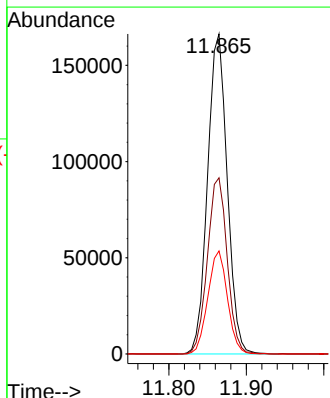
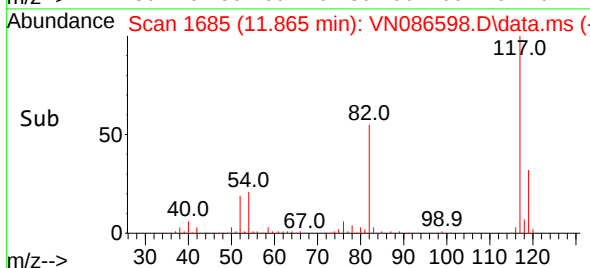
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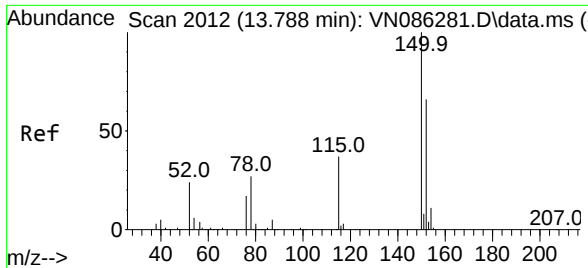


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086598.D
Acq: 13 May 2025 13:46



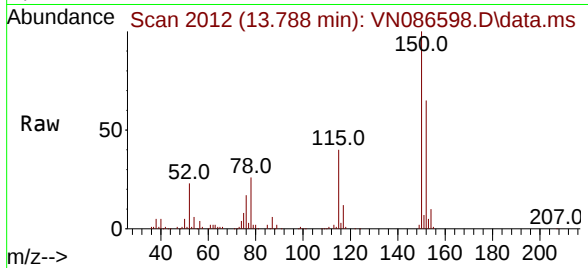
Tgt Ion:117 Resp: 293939
Ion Ratio Lower Upper
117 100
82 55.0 44.7 67.1
119 32.2 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086598.D
 Acq: 13 May 2025 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 119052
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.9 95.9
 150 158.3 0.0 352.0

Manual Integrations
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