

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
 Data File : VN086717.D
 Acq On : 20 May 2025 14:51
 Operator : JC\MD
 Sample : Q2080-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-HRH-COMP-01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 21 01:46:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	150279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112086	53.976	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 107.960%		
35) Dibromofluoromethane	8.165	113	92931	52.025	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 104.040%		
50) Toluene-d8	10.565	98	395364	53.410	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 106.820%		
62) 4-Bromofluorobenzene	12.847	95	141615	54.181	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 108.360%		
Target Compounds						Qvalue
16) Acetone	4.424	43	82399	106.078	ug/l	94
18) Methyl Acetate	5.030	43	3367	1.549	ug/l #	71
20) Methylene Chloride	5.283	84	5671	2.767	ug/l	98
43) Isopropyl Acetate	8.688	43	18314m	3.432	ug/l	

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

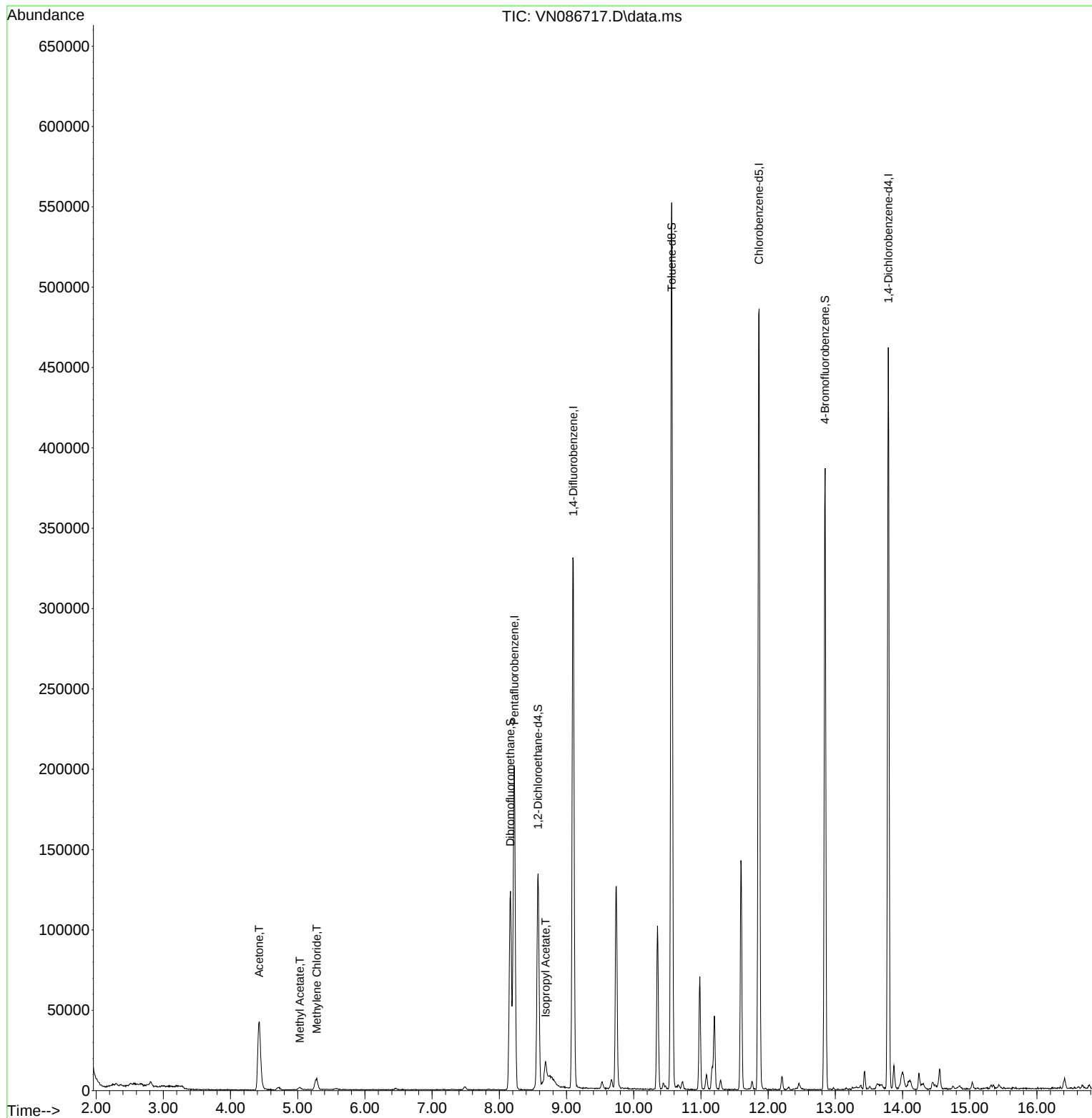
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
Data File : VN086717.D
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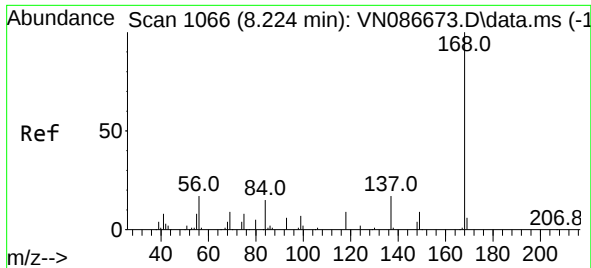
Instrument :
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PL-HRH-COMP-01

Quant Time: May 21 01:46:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
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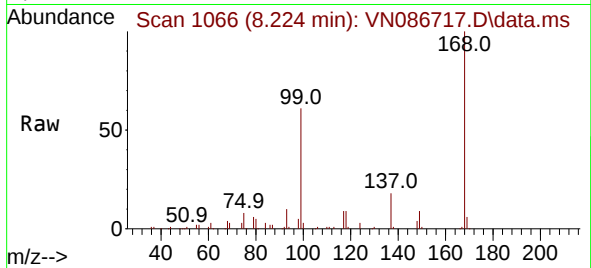
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086717.D
Acq: 20 May 2025 14:51

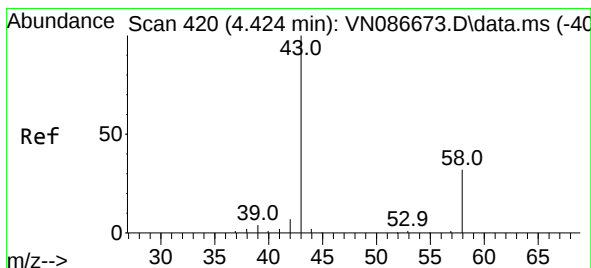
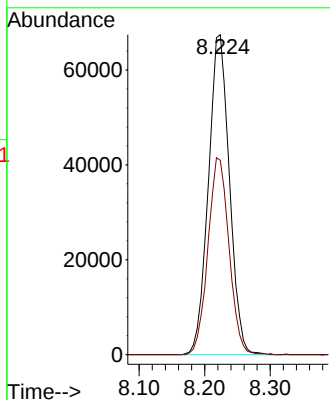
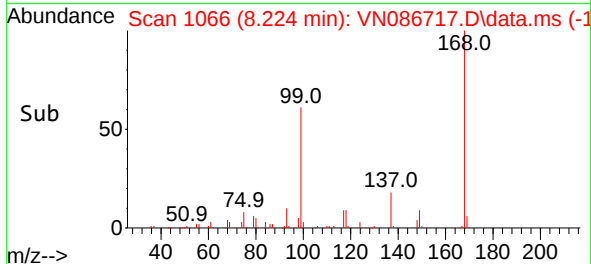
Instrument :
MSVOA_N
ClientSampleId :
PL-HRH-COMP-01



Tgt Ion:168 Resp: 150279
Ion Ratio Lower Upper
168 100
99 60.8 47.0 70.4

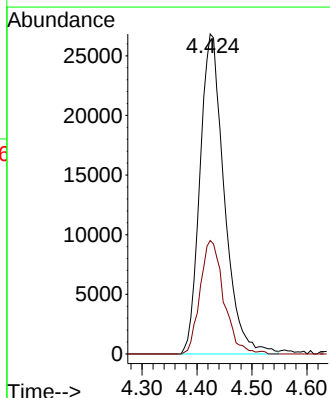
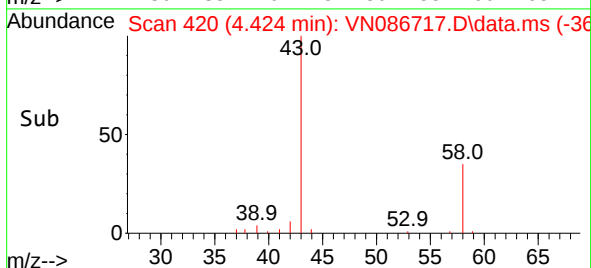
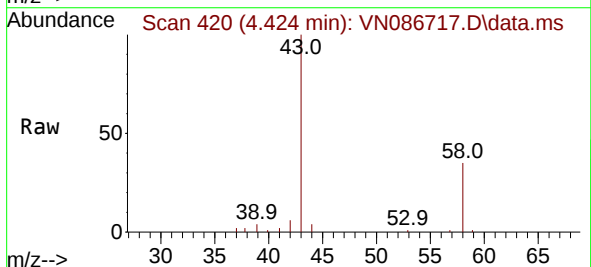
Manual Integrations
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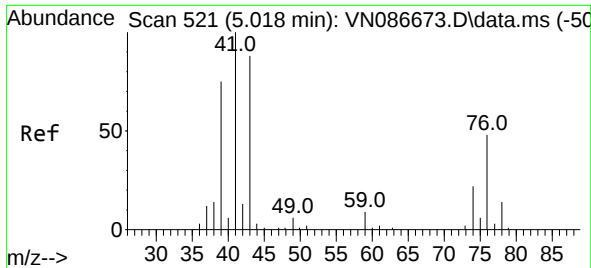
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 106.078 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086717.D
Acq: 20 May 2025 14:51

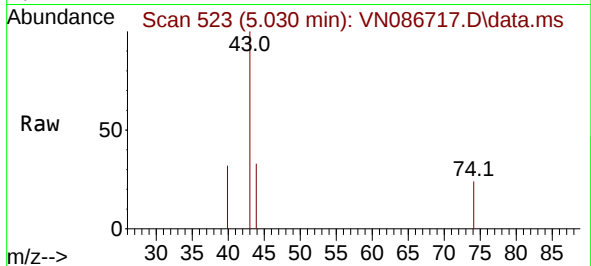
Tgt Ion: 43 Resp: 82399
Ion Ratio Lower Upper
43 100
58 35.5 25.8 38.6





#18
Methyl Acetate
Concen: 1.549 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086717.D
Acq: 20 May 2025 14:51

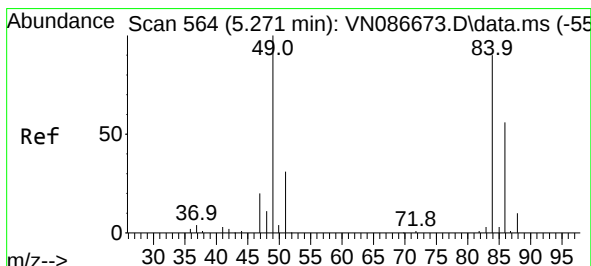
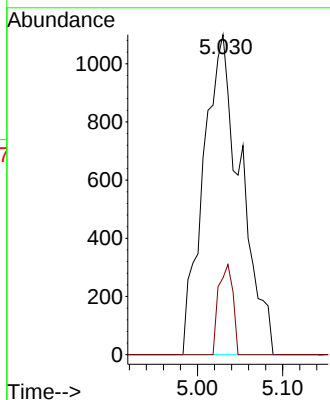
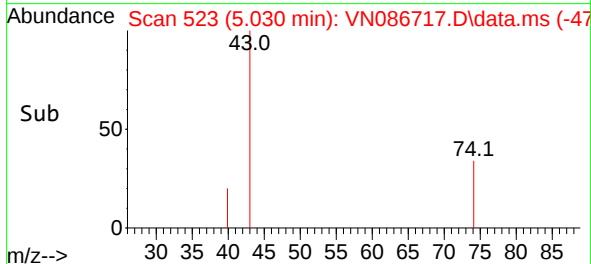
Instrument :
MSVOA_N
ClientSampleId :
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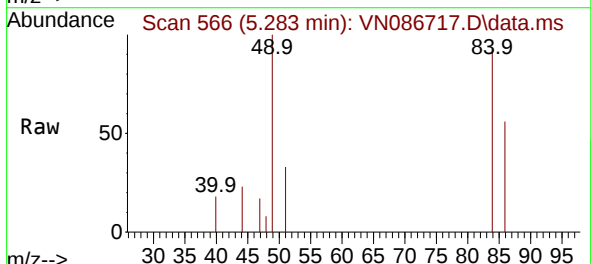
Tgt Ion: 43 Resp: 336
Ion Ratio Lower Upper
43 100
74 10.7 20.5 30.7

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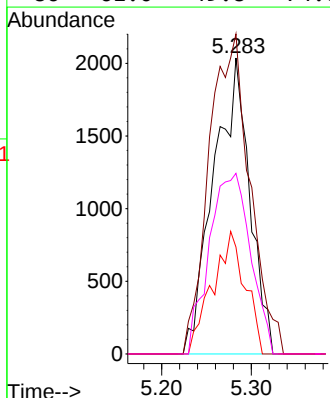
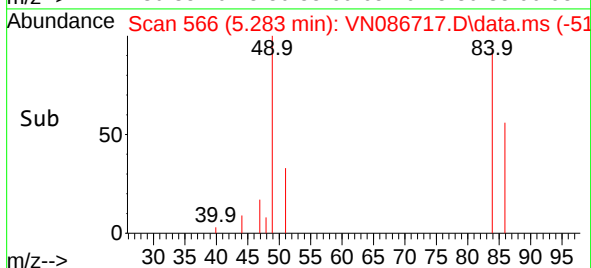
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

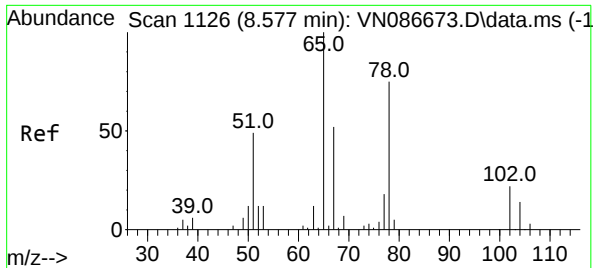


#20
Methylene Chloride
Concen: 2.767 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086717.D
Acq: 20 May 2025 14:51



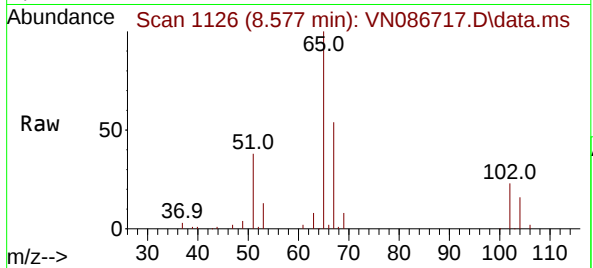
Tgt Ion: 84 Resp: 5671
Ion Ratio Lower Upper
84 100
49 108.1 88.8 133.2
51 36.1 27.8 41.6
86 61.0 49.8 74.6





#33
1,2-Dichloroethane-d4
Concen: 53.976 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086717.D
Acq: 20 May 2025 14:51

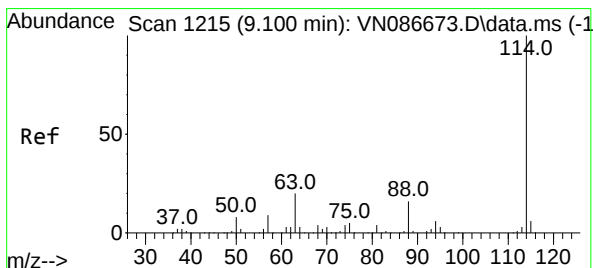
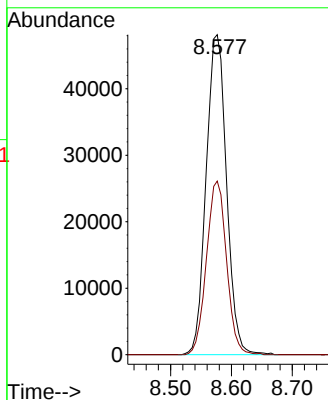
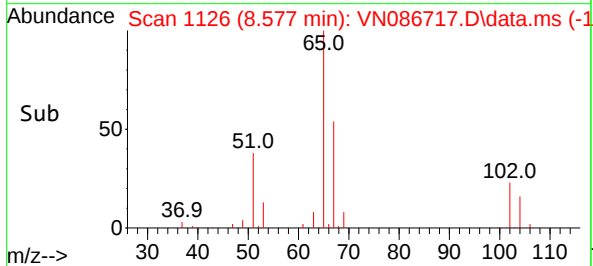
Instrument :
MSVOA_N
ClientSampleId :
PL-HRH-COMP-01



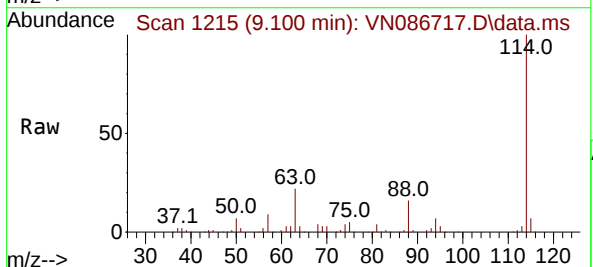
Tgt Ion: 65 Resp: 112086
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.4

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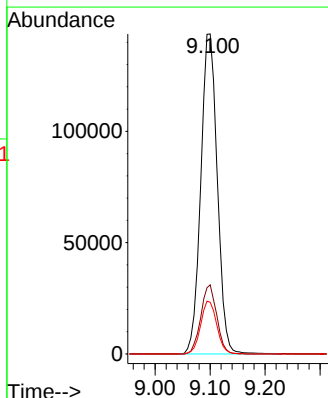
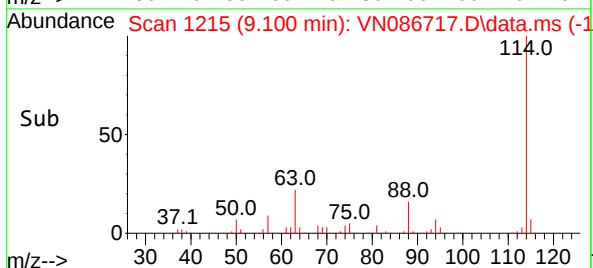
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

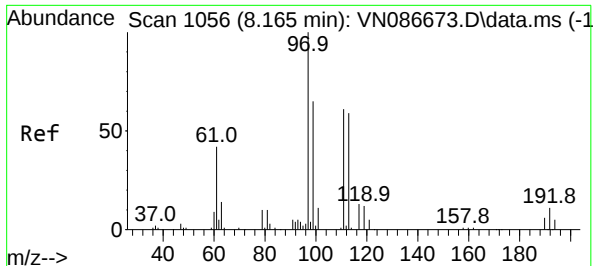


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086717.D
Acq: 20 May 2025 14:51



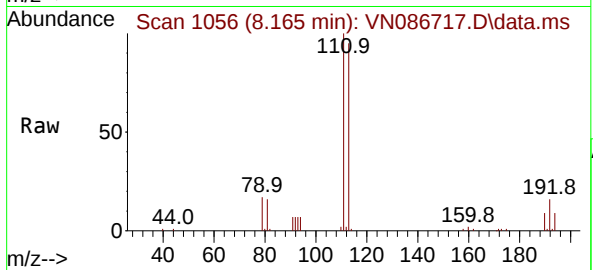
Tgt Ion:114 Resp: 299941
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.2
88 16.2 0.0 31.2





#35
Dibromofluoromethane
Concen: 52.025 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086717.D
Acq: 20 May 2025 14:51

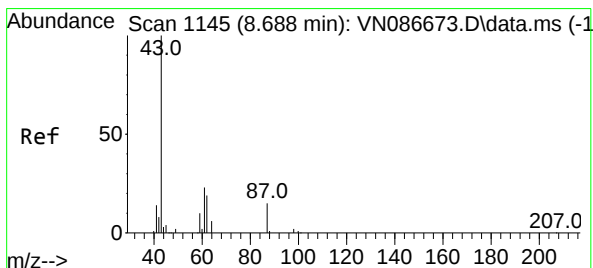
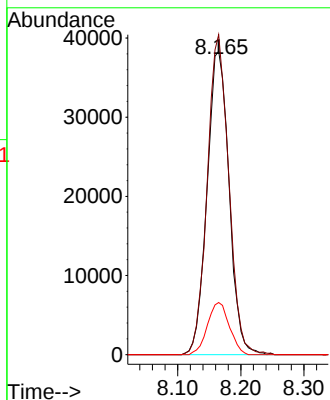
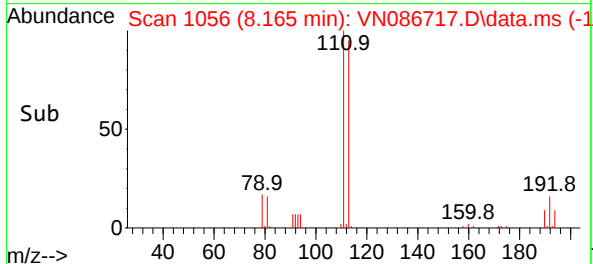
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PL-HRH-COMP-01



Tgt Ion: 113 Resp: 9293
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 17.1 13.8 20.8

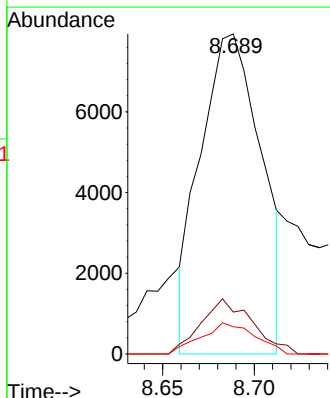
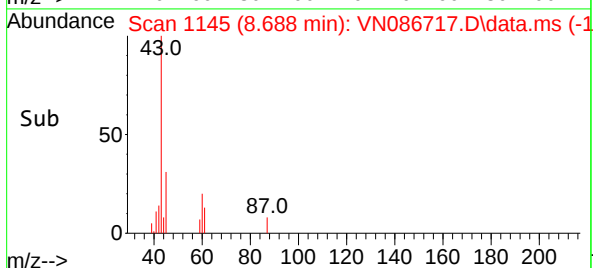
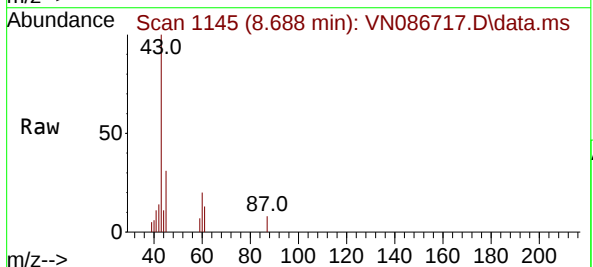
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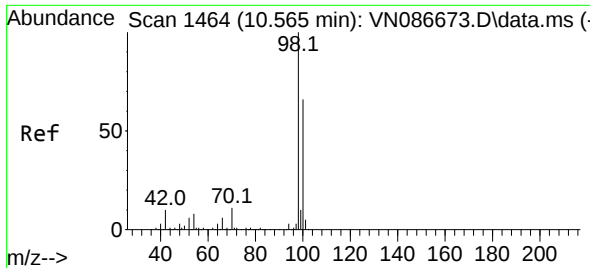
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#43
Isopropyl Acetate
Concen: 3.432 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086717.D
Acq: 20 May 2025 14:51

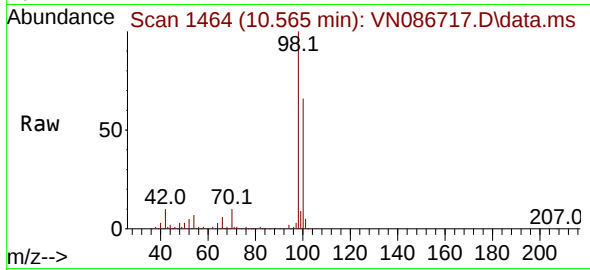
Tgt Ion: 43 Resp: 18314
Ion Ratio Lower Upper
43 100
61 14.6 21.4 32.2#
87 8.5 11.1 16.7#





#50
Toluene-d8
Concen: 53.410 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086717.D
Acq: 20 May 2025 14:51

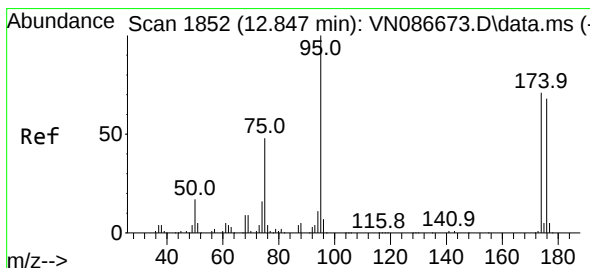
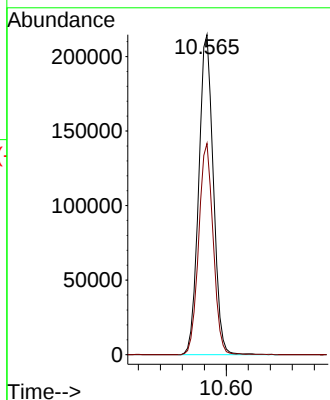
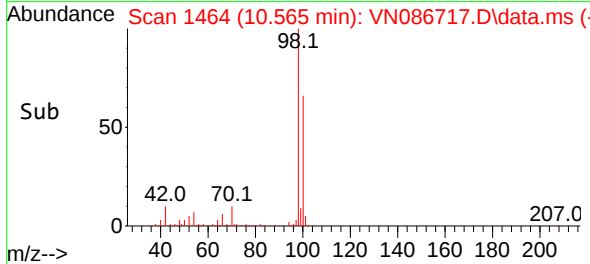
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Tgt Ion: 98 Resp: 395364
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3

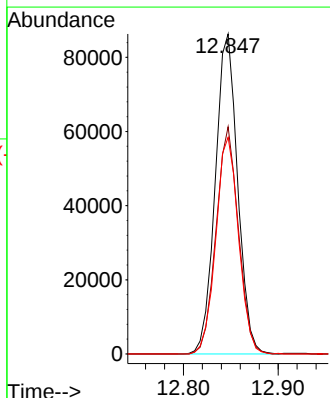
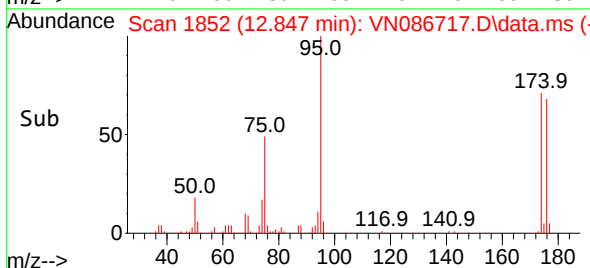
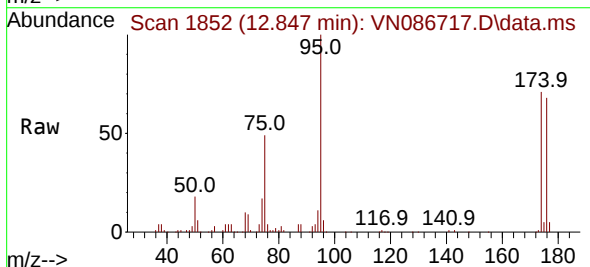
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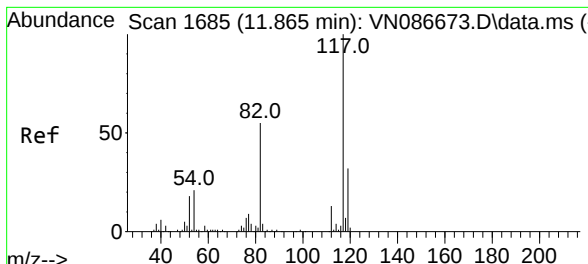
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 54.181 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086717.D
Acq: 20 May 2025 14:51

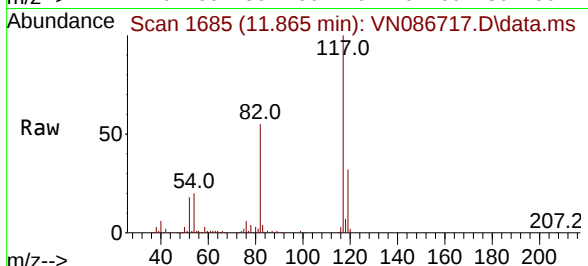
Tgt Ion: 95 Resp: 141615
Ion Ratio Lower Upper
95 100
174 71.0 0.0 145.4
176 68.7 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11685
Delta R.T. 0.000 min
Lab File: VN086717.D
Acq: 20 May 2025 14:51

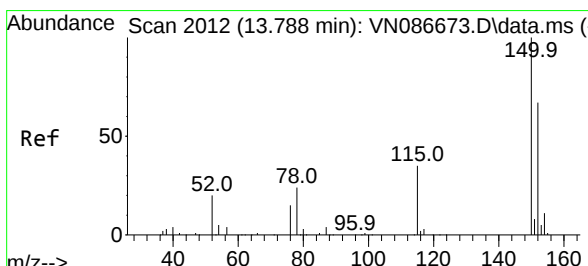
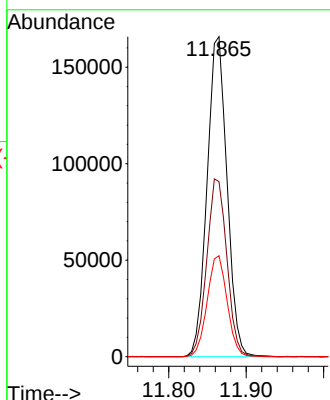
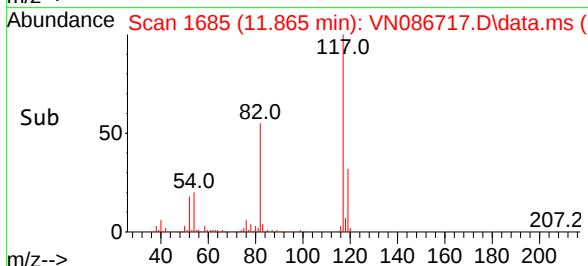
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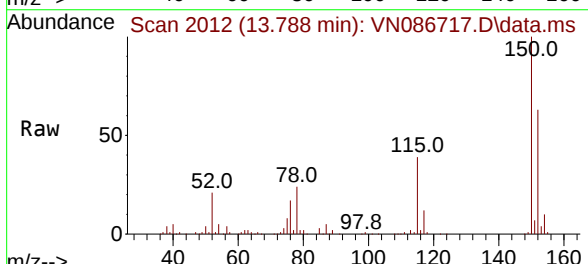
Tgt Ion:117 Resp: 29671
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 31.5 25.4 38.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086717.D
Acq: 20 May 2025 14:51



Tgt Ion:152 Resp: 128360
Ion Ratio Lower Upper
152 100
115 61.3 30.0 90.1
150 158.4 0.0 347.8

