

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086926.D
 Acq On : 10 Jun 2025 14:17
 Operator : JC\MD
 Sample : Q2251-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB182-HYD-20250605

Quant Time: Jun 11 01:55:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/11/2025
 Supervised By : Mahesh Dadoda 06/11/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	345998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	634054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	555717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	265918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	219237	47.326	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.660%		
35) Dibromofluoromethane	8.177	113	183933	48.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.900%		
50) Toluene-d8	10.571	98	763080	51.299	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.600%		
62) 4-Bromofluorobenzene	12.847	95	273708	49.526	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.060%		
Target Compounds						
16) Acetone	4.459	43	2317	0.943	ug/l #	72
27) cis-1,2-Dichloroethene	7.500	96	3033m	0.592	ug/l	
44) Trichloroethene	9.359	130	5074	1.169	ug/l	95
60) Dibromochloromethane	11.359	129	5336	1.190	ug/l	99

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

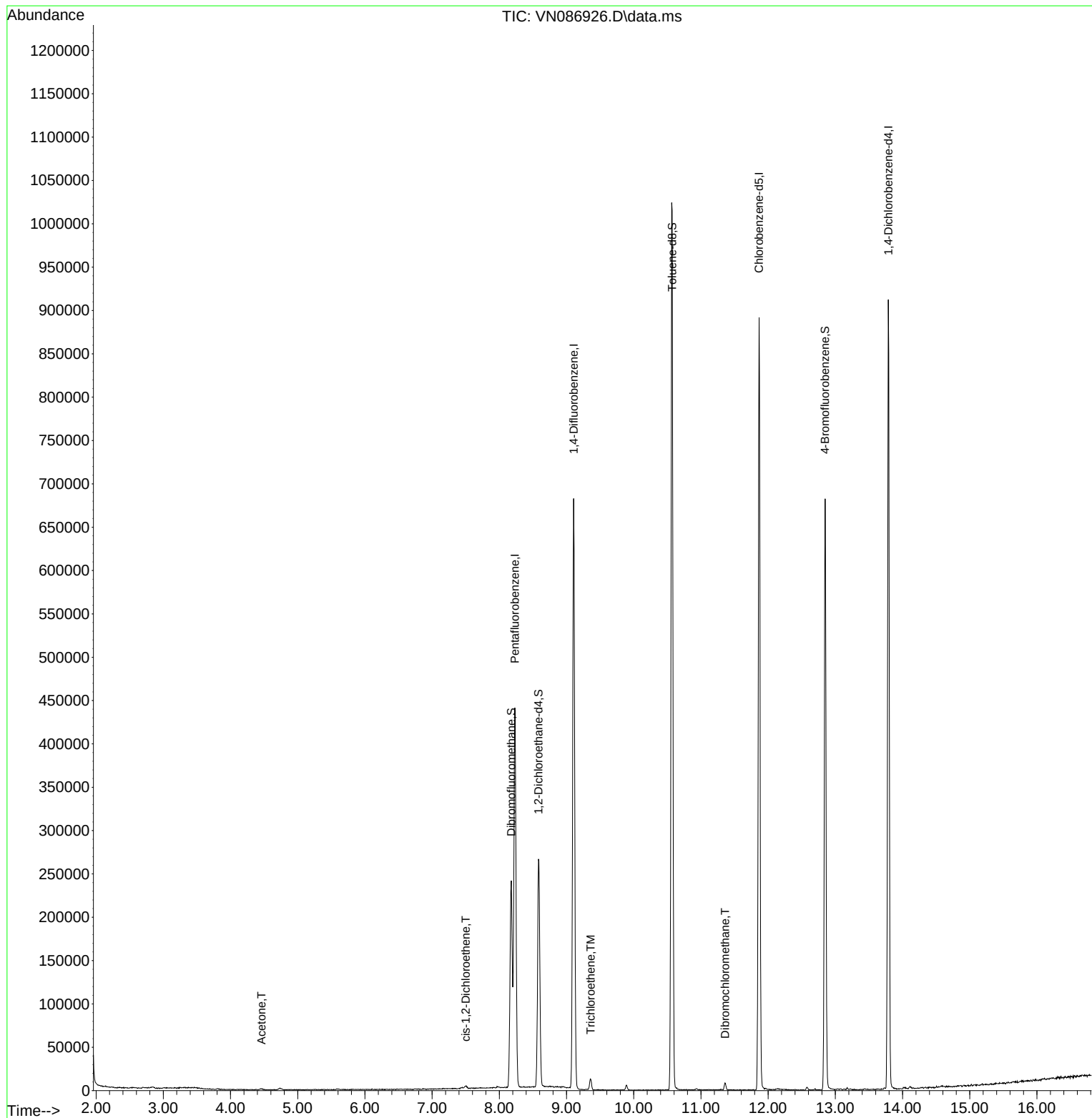
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086926.D
Acq On : 10 Jun 2025 14:17
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Sample : Q2251-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

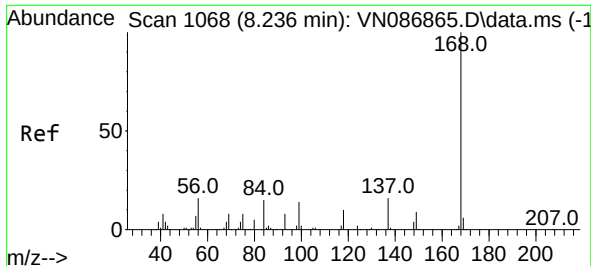
Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

Quant Time: Jun 11 01:55:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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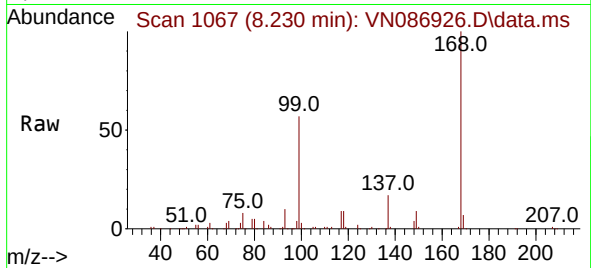
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

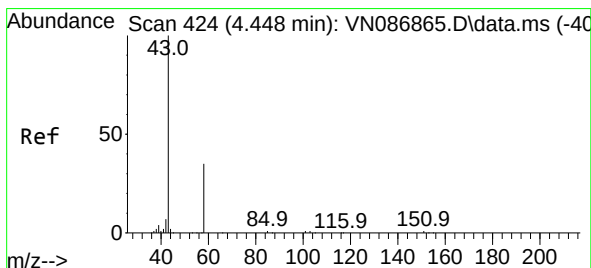
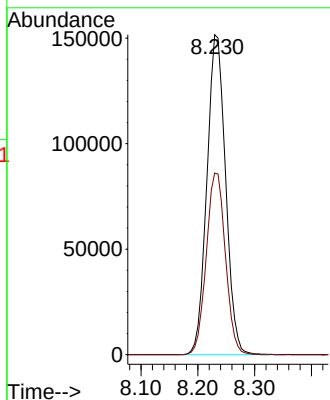
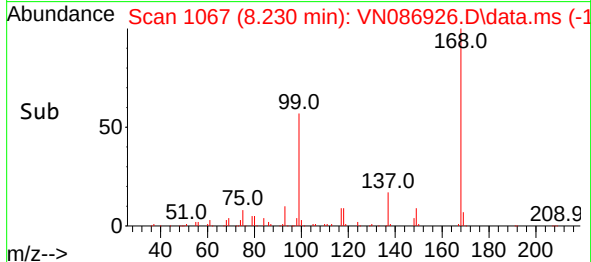
Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605



Tgt Ion:168 Resp: 345998
Ion Ratio Lower Upper
168 100
99 56.8 49.1 73.7

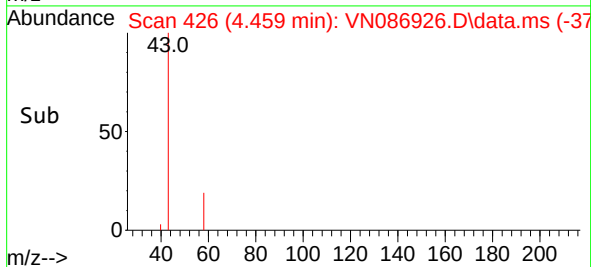
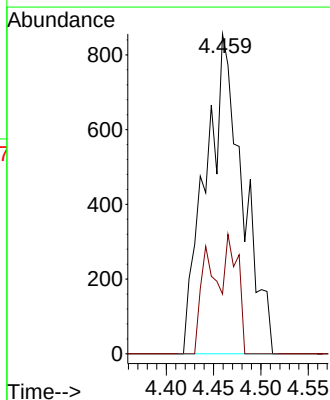
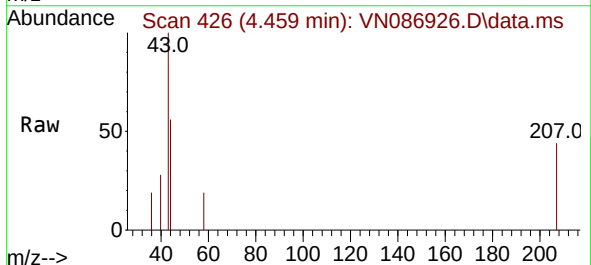
Manual Integrations
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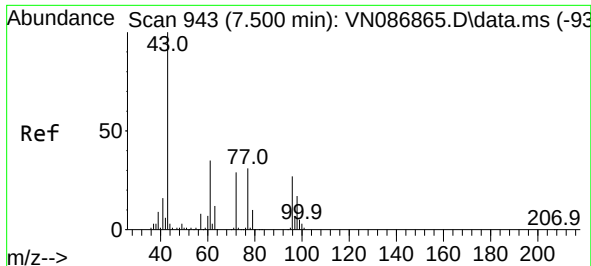
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#16
Acetone
Concen: 0.943 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

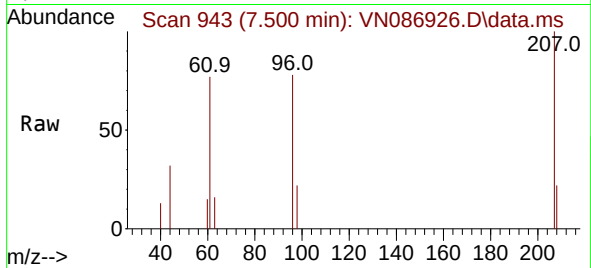
Tgt Ion: 43 Resp: 2317
Ion Ratio Lower Upper
43 100
58 18.7 28.0 42.0#





#27
 cis-1,2-Dichloroethene
 Concen: 0.592 ug/l m
 RT: 7.500 min Scan# 94
 Delta R.T. -0.000 min
 Lab File: VN086926.D
 Acq: 10 Jun 2025 14:17

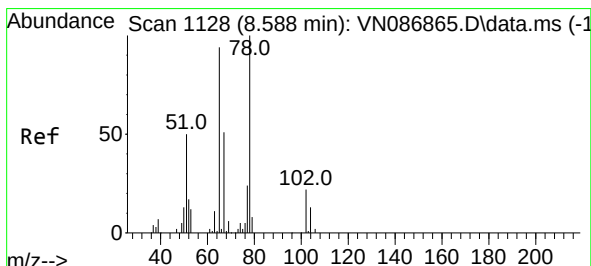
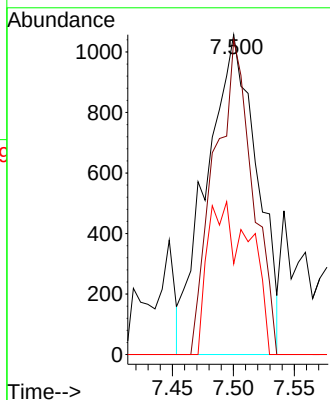
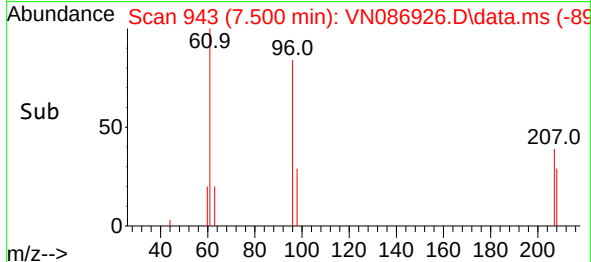
Instrument :
 MSVOA_N
 ClientSampleId :
 VPB182-HYD-20250605



Tgt Ion: 96 Resp: 303
 Ion Ratio Lower Upper
 96 100
 61 75.2 0.0 278.0
 98 23.6 0.0 128.2

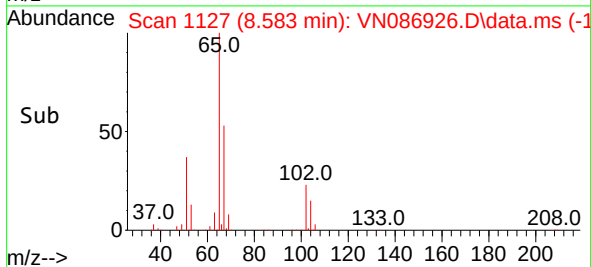
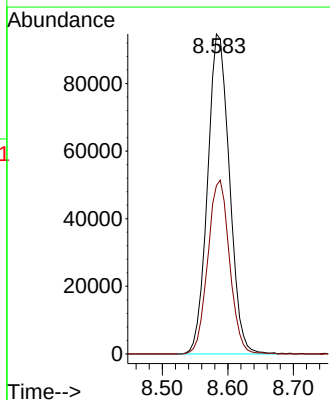
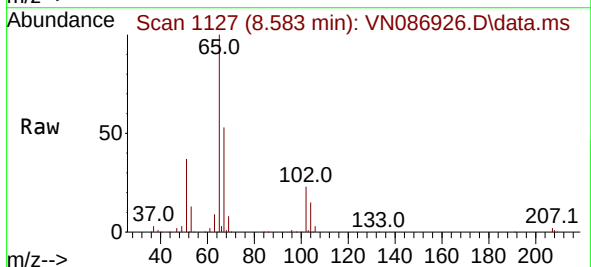
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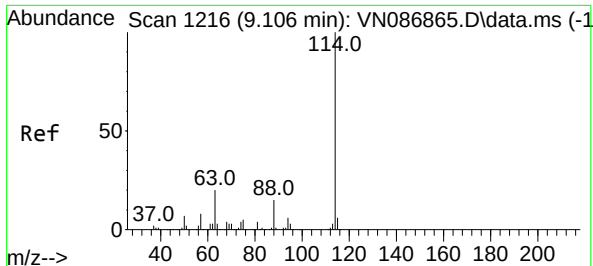
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#33
 1,2-Dichloroethane-d4
 Concen: 47.326 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VN086926.D
 Acq: 10 Jun 2025 14:17

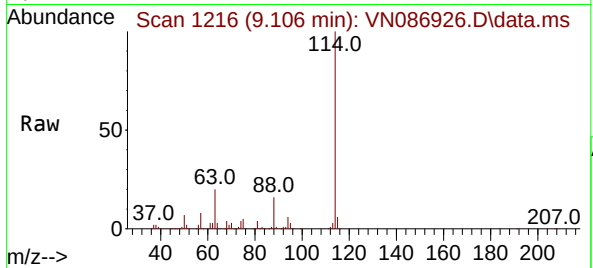
Tgt Ion: 65 Resp: 219237
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

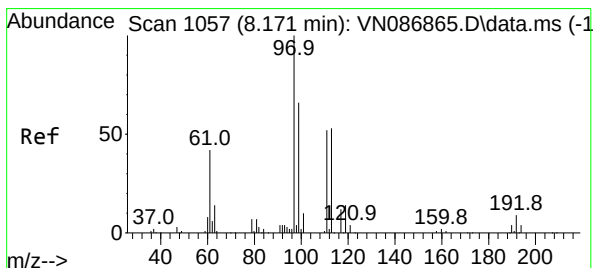
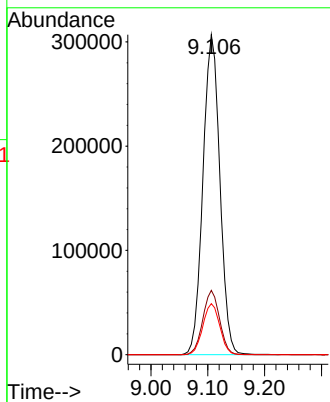
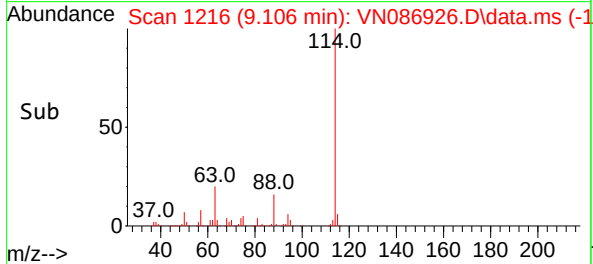
Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605



Tgt Ion:114 Resp: 634054
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.6
88 16.0 0.0 30.2

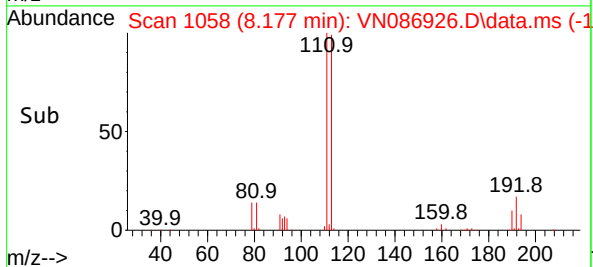
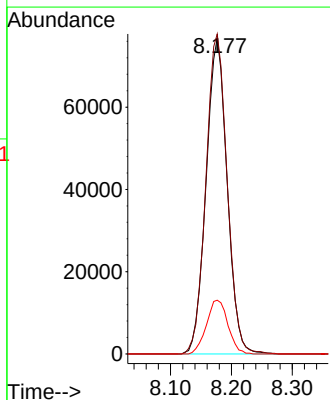
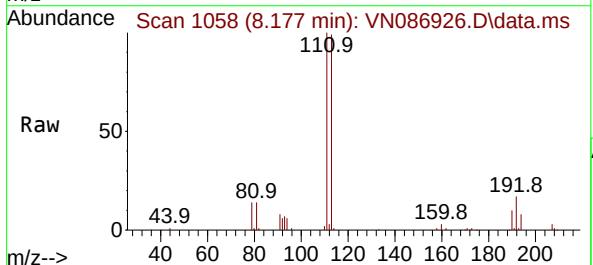
Manual Integrations
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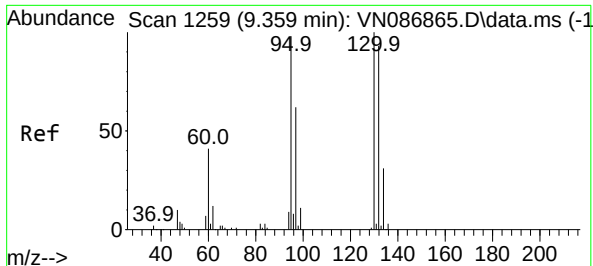
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#35
Dibromofluoromethane
Concen: 48.950 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

Tgt Ion:113 Resp: 183933
Ion Ratio Lower Upper
113 100
111 102.3 84.2 126.2
192 17.4 14.2 21.4





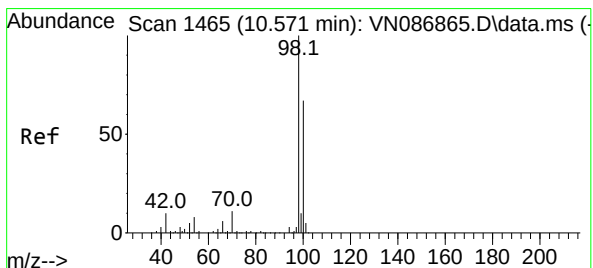
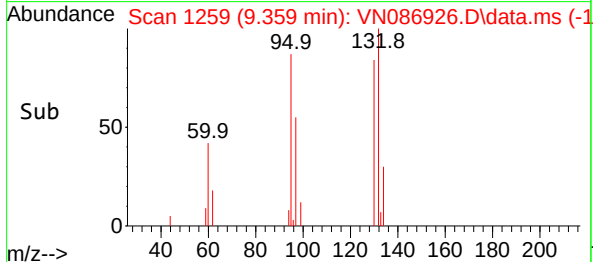
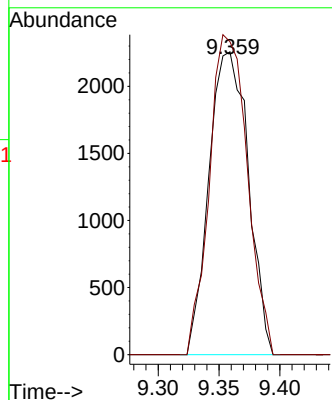
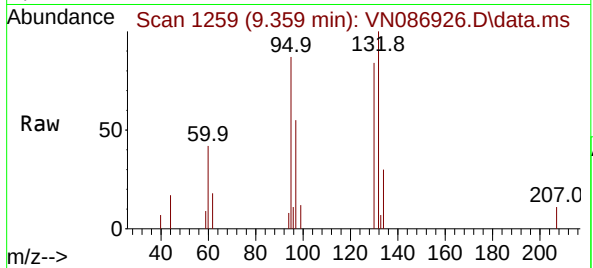
#44
Trichloroethene
Concen: 1.169 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

Tgt Ion:130 Resp: 5074
Ion Ratio Lower Upper
130 100
95 103.3 0.0 196.2

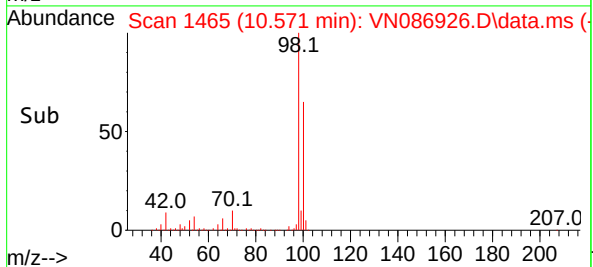
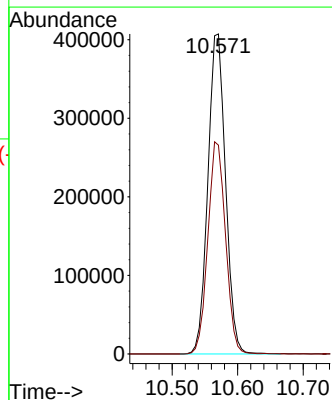
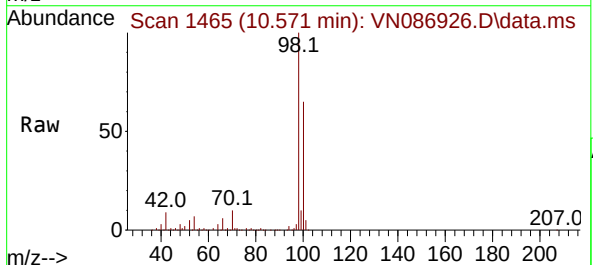
Manual Integrations
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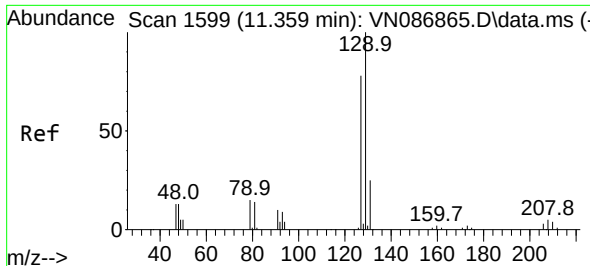
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#50
Toluene-d8
Concen: 51.299 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

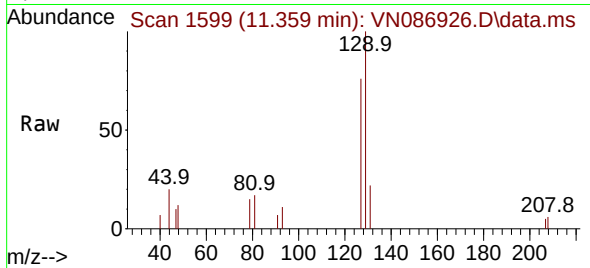
Tgt Ion: 98 Resp: 763080
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0





#60
Dibromochloromethane
Concen: 1.190 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

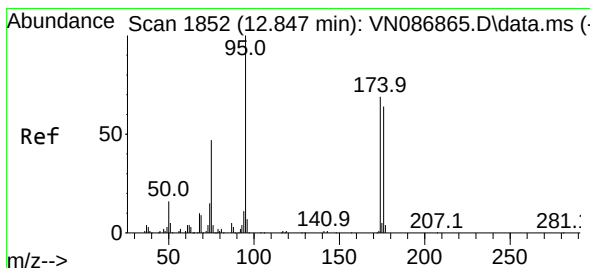
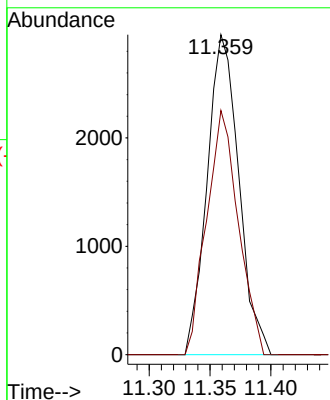
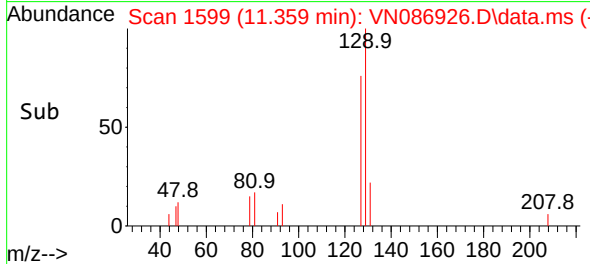
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MSVOA_N
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VPB182-HYD-20250605



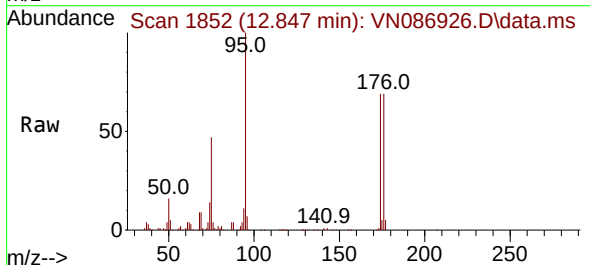
Tgt Ion:129 Resp: 5330
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8

Manual Integrations
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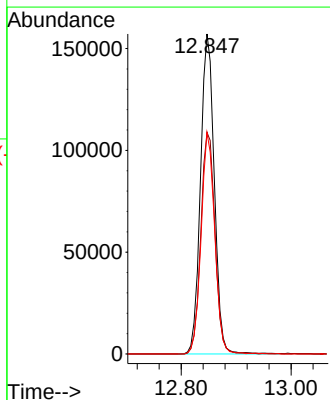
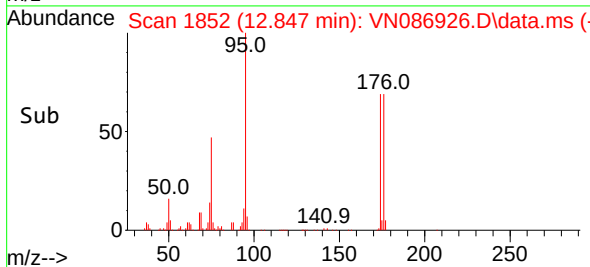
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

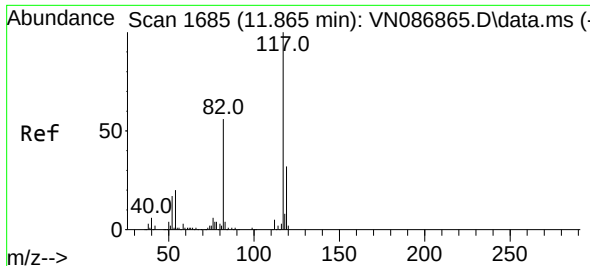


#62
4-Bromofluorobenzene
Concen: 49.526 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17



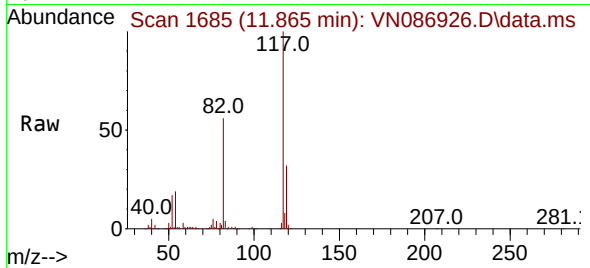
Tgt Ion: 95 Resp: 273708
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.8
176 68.3 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17

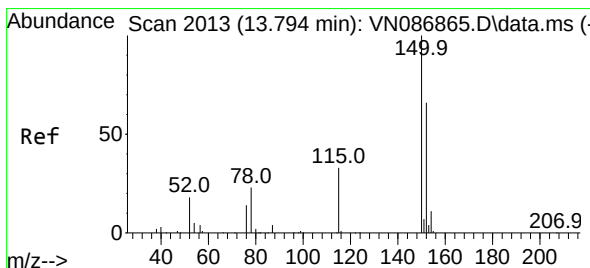
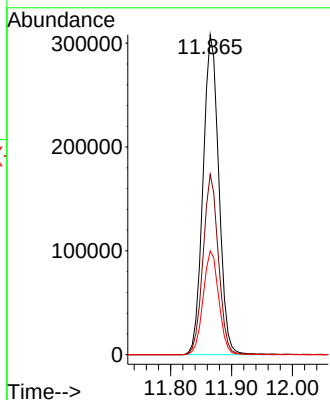
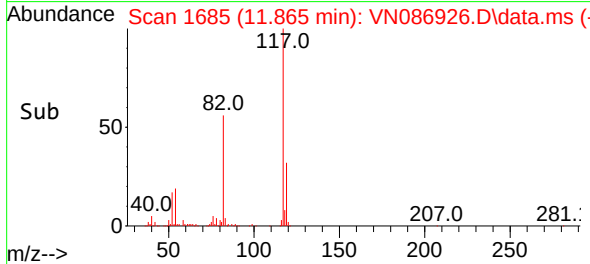
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VPB182-HYD-20250605



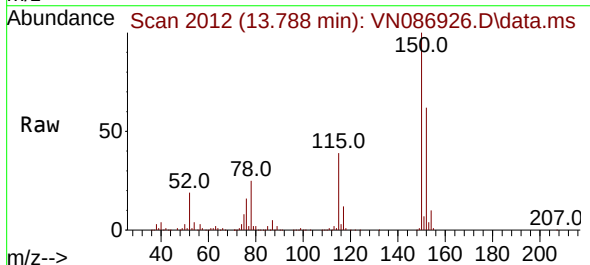
Tgt Ion:117 Resp: 55571
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 32.4 25.5 38.3

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/11/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086926.D
Acq: 10 Jun 2025 14:17



Tgt Ion:152 Resp: 265918
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.5
150 157.7 0.0 345.0

