

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086927.D
 Acq On : 10 Jun 2025 14:38
 Operator : JC\MD
 Sample : Q2251-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-EB-20250604

Manual Integrations
 APPROVED

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

Quant Time: Jun 11 01:55:39 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	343303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	636093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	555219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	265337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	217311	47.278	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.560%		
35) Dibromofluoromethane	8.177	113	185052	49.090	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.180%		
50) Toluene-d8	10.571	98	768488	51.497	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.000%		
62) 4-Bromofluorobenzene	12.847	95	275056	49.610	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.220%		
Target Compounds					Qvalue	
16) Acetone	4.447	43	88262	36.210	ug/l	96
20) Methylene Chloride	5.294	84	4387m	0.961	ug/l	
25) 2-Butanone	7.500	43	22331	5.636	ug/l	97
29) Tetrahydrofuran	7.853	42	5929	2.297	ug/l #	82

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

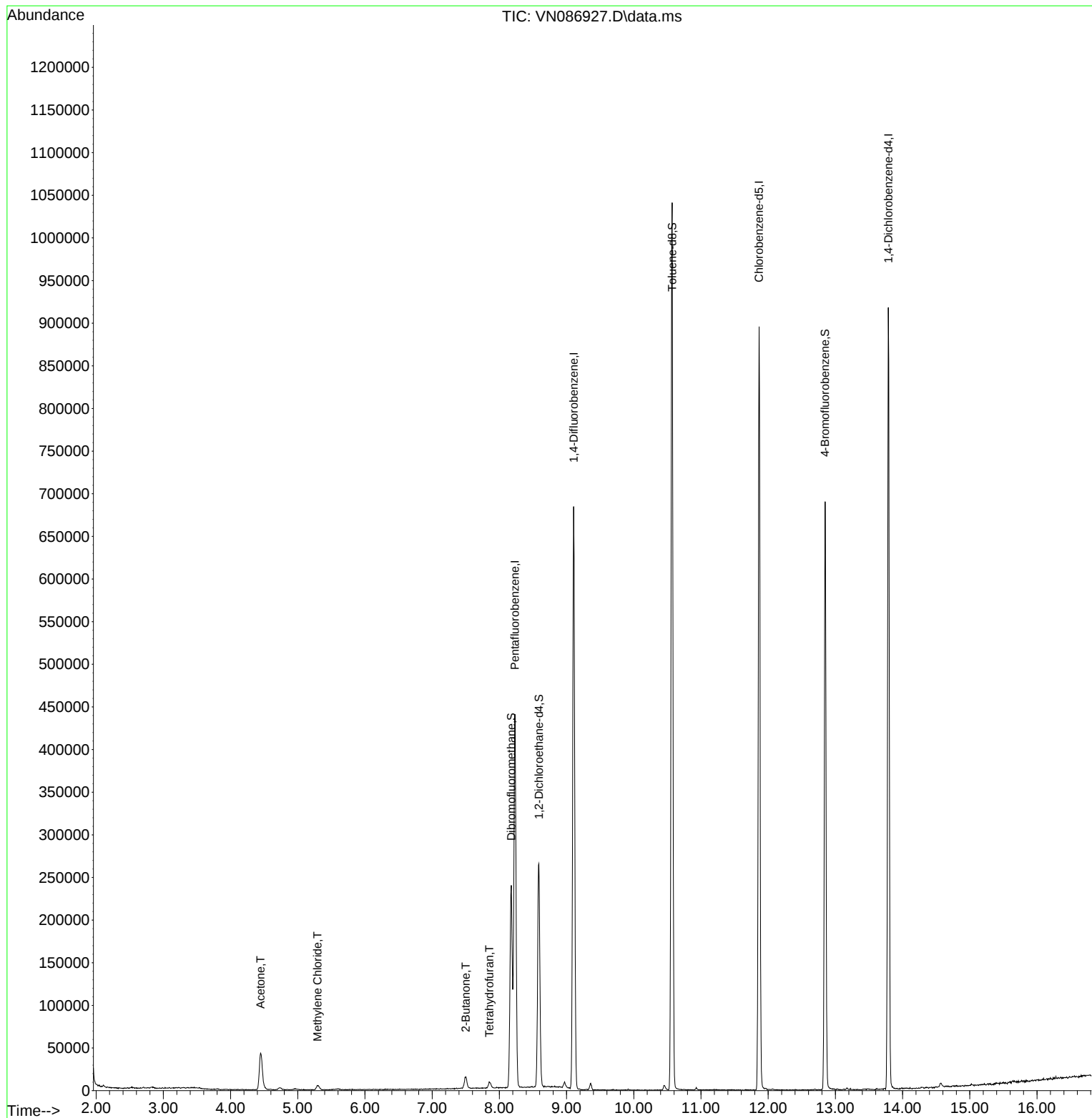
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086927.D
Acq On : 10 Jun 2025 14:38
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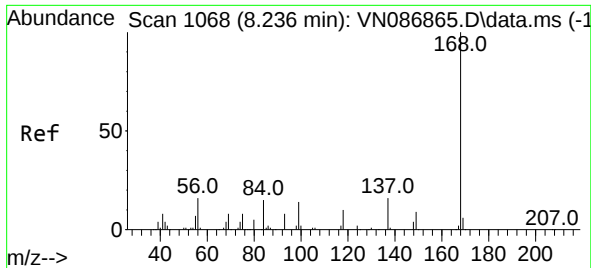
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604

Quant Time: Jun 11 01:55:39 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

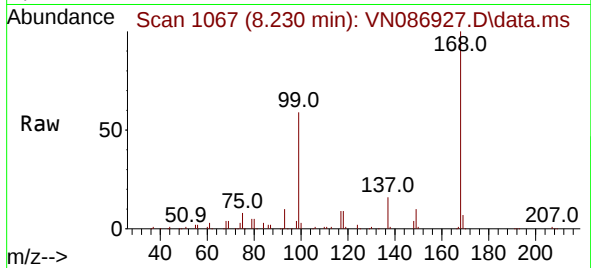
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086927.D
Acq: 10 Jun 2025 14:38

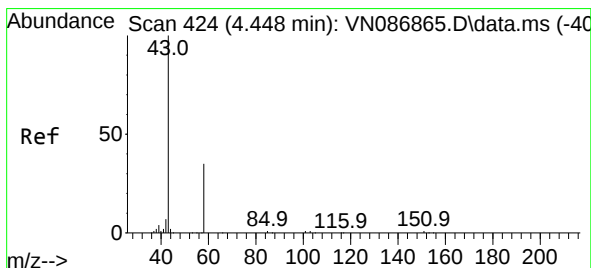
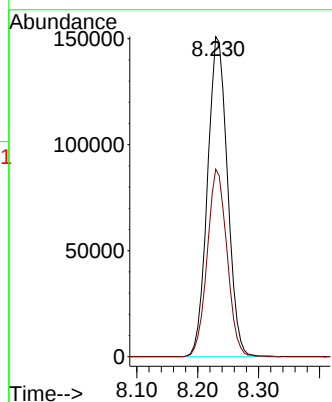
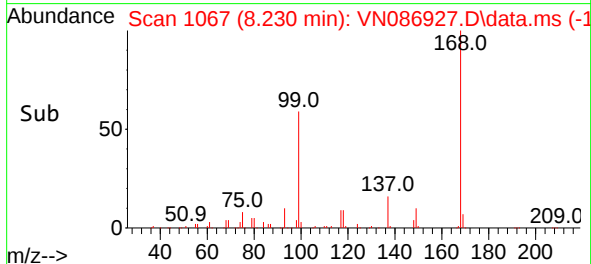
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-EB-20250604



Tgt Ion:168 Resp: 34330
Ion Ratio Lower Upper
168 100
99 58.6 49.1 73.7

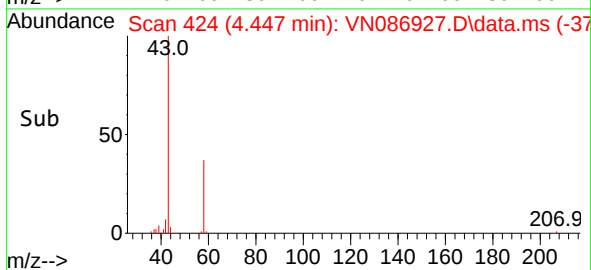
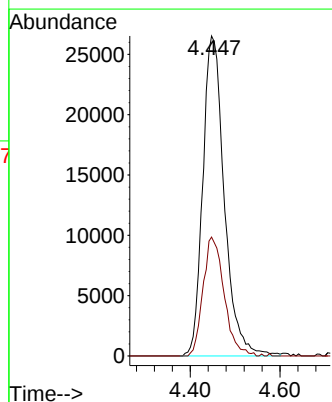
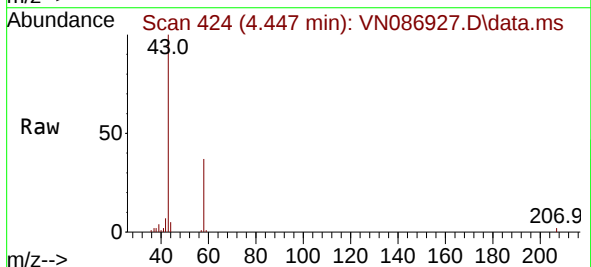
Manual Integrations
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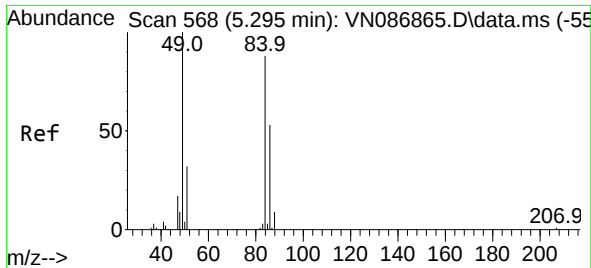
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#16
Acetone
Concen: 36.210 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086927.D
Acq: 10 Jun 2025 14:38

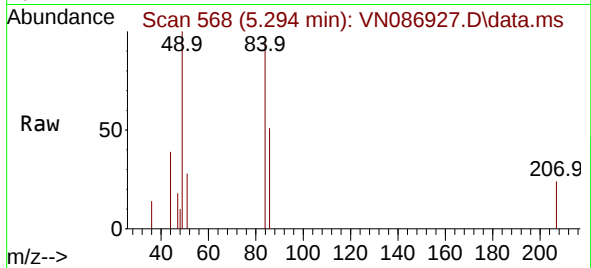
Tgt Ion: 43 Resp: 88262
Ion Ratio Lower Upper
43 100
58 37.1 28.0 42.0





#20
Methylene Chloride
Concen: 0.961 ug/l m
RT: 5.294 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086927.D
Acq: 10 Jun 2025 14:38

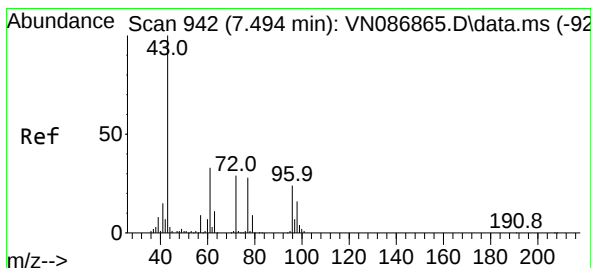
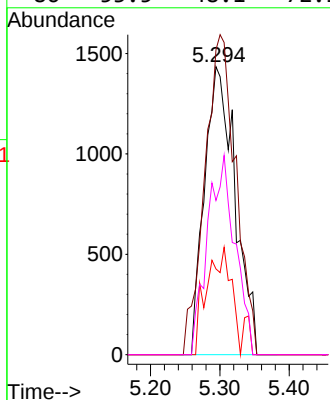
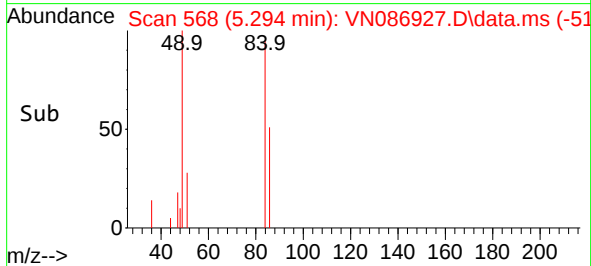
Instrument :
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ClientSampleId :
BP-VPB-182-EB-20250604



Tgt Ion: 84 Resp: 438
Ion Ratio Lower Upper
84 100
49 105.8 90.5 135.7
51 29.8 28.5 42.7
86 53.5 48.1 72.1

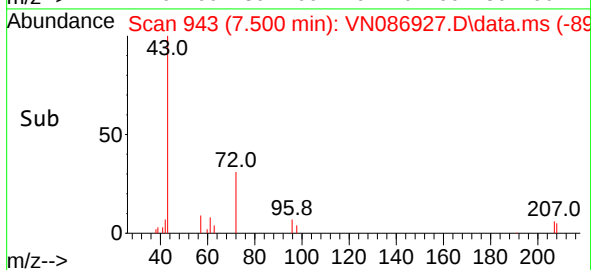
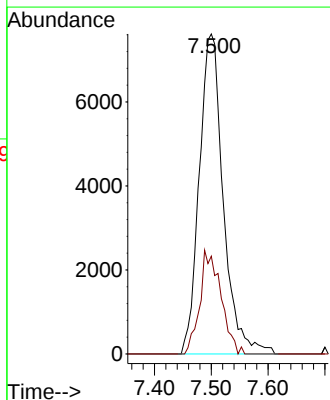
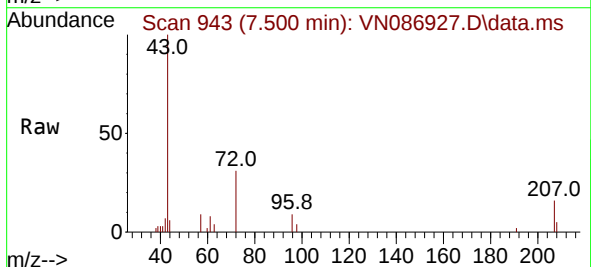
Manual Integrations
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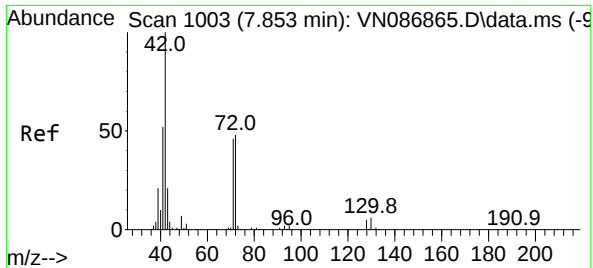
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#25
2-Butanone
Concen: 5.636 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN086927.D
Acq: 10 Jun 2025 14:38

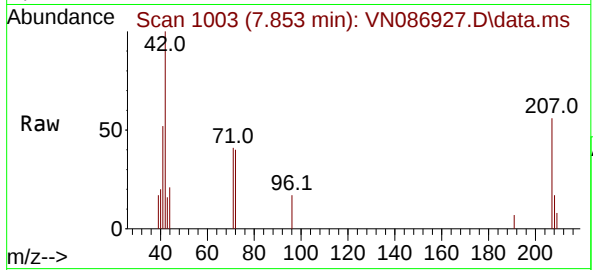
Tgt Ion: 43 Resp: 22331
Ion Ratio Lower Upper
43 100
72 30.6 23.0 34.6





#29
Tetrahydrofuran
Concen: 2.297 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VN086927.D
Acq: 10 Jun 2025 14:38

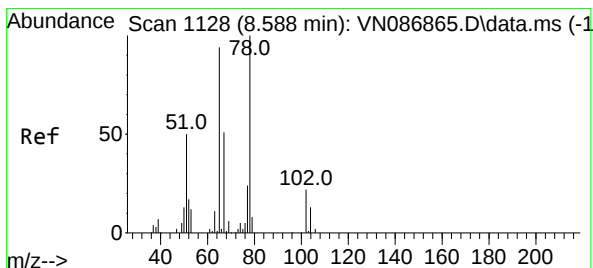
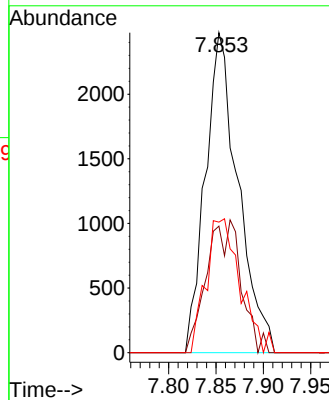
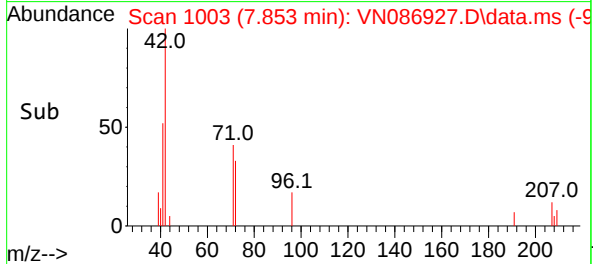
Instrument :
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ClientSampleId :
BP-VPB-182-EB-20250604



Tgt Ion: 42 Resp: 5929
Ion Ratio Lower Upper
42 100
72 24.8 37.8 56.6
71 43.9 35.6 53.4

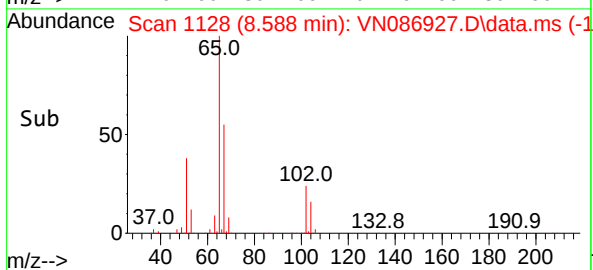
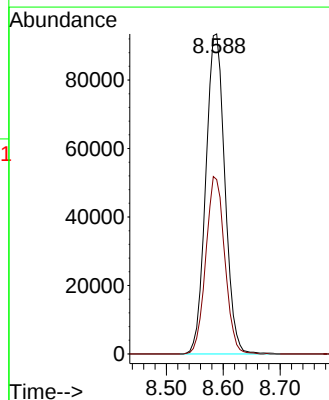
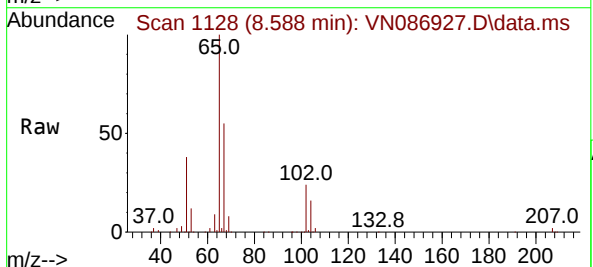
Manual Integrations
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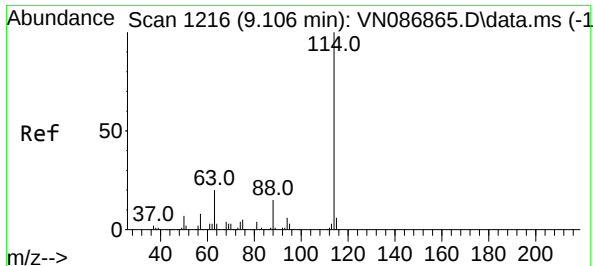
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#33
1,2-Dichloroethane-d4
Concen: 47.278 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086927.D
Acq: 10 Jun 2025 14:38

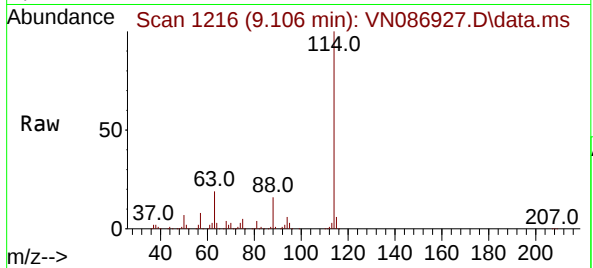
Tgt Ion: 65 Resp: 217311
Ion Ratio Lower Upper
65 100
67 55.0 0.0 105.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086927.D
Acq: 10 Jun 2025 14:38

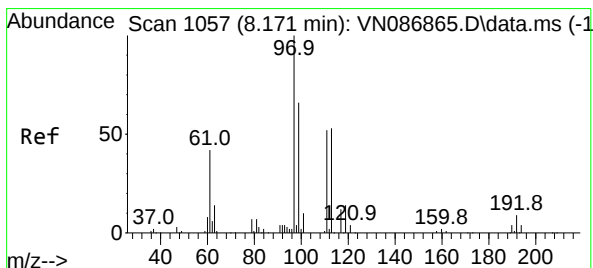
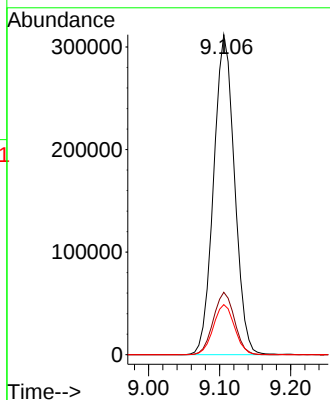
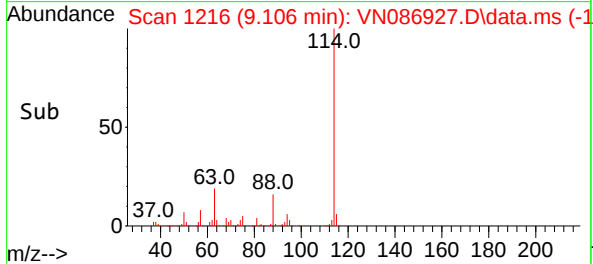
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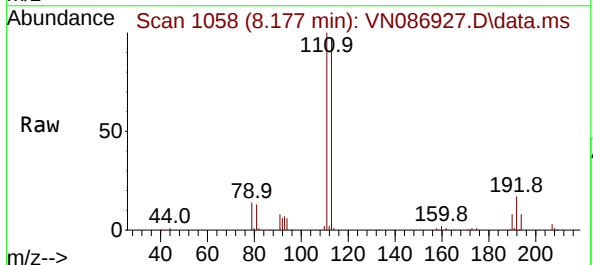
Tgt Ion:114 Resp: 63609
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.6
88 15.6 0.0 30.2

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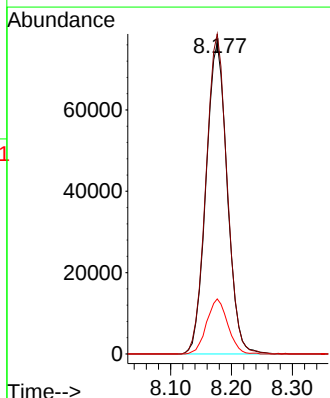
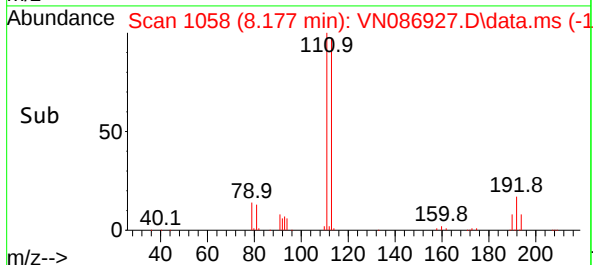
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

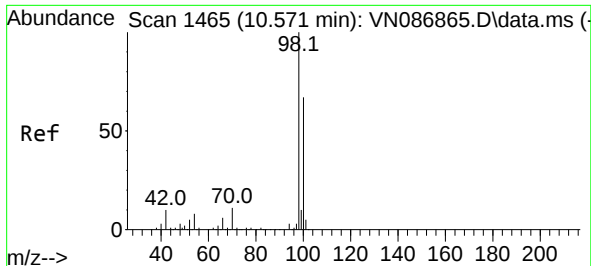


#35
Dibromofluoromethane
Concen: 49.090 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086927.D
Acq: 10 Jun 2025 14:38



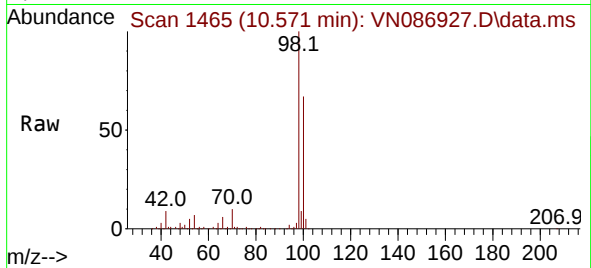
Tgt Ion:113 Resp: 185052
Ion Ratio Lower Upper
113 100
111 102.3 84.2 126.2
192 17.6 14.2 21.4





#50
Toluene-d8
Concen: 51.497 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086927.D
Acq: 10 Jun 2025 14:38

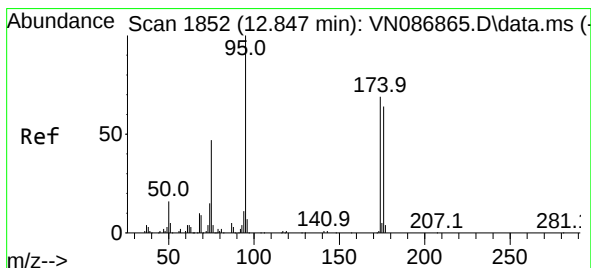
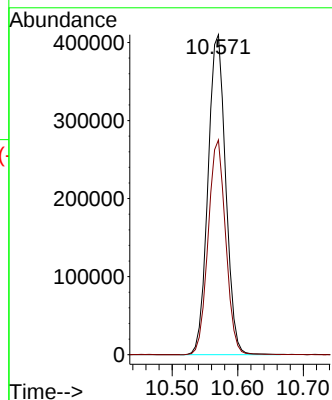
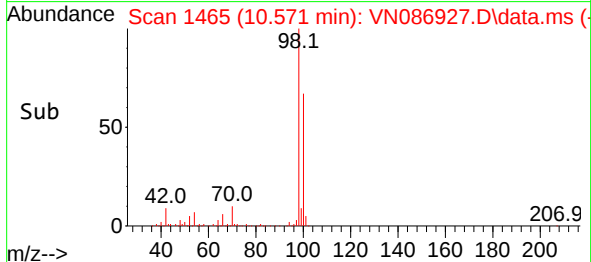
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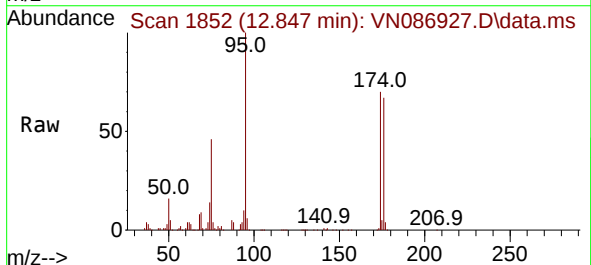
Tgt Ion: 98 Resp: 768488
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0

Manual Integrations
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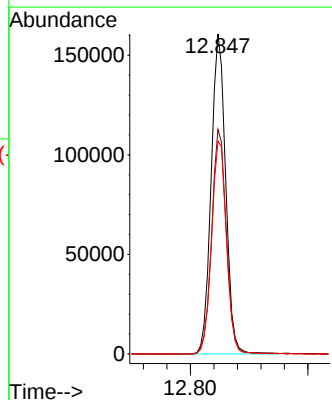
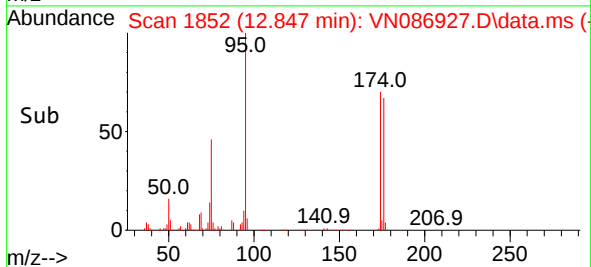
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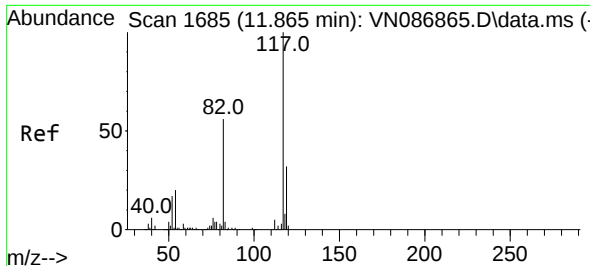


#62
4-Bromofluorobenzene
Concen: 49.610 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086927.D
Acq: 10 Jun 2025 14:38



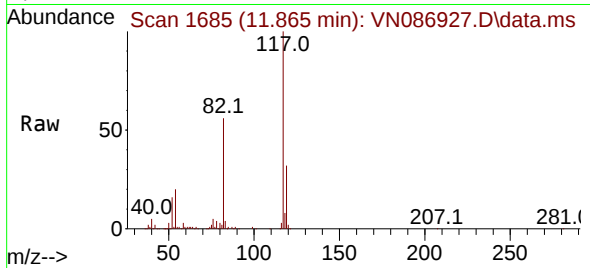
Tgt Ion: 95 Resp: 275056
Ion Ratio Lower Upper
95 100
174 70.9 0.0 141.8
176 67.8 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN086927.D
Acq: 10 Jun 2025 14:38

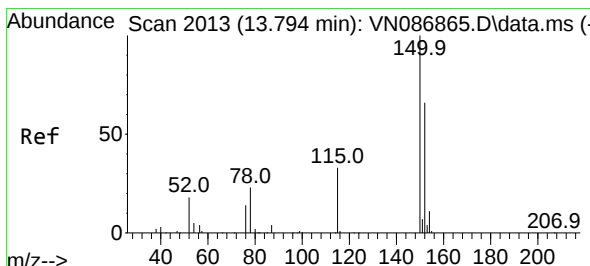
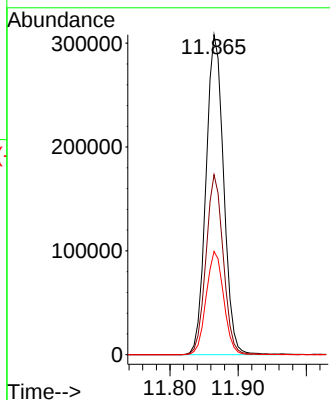
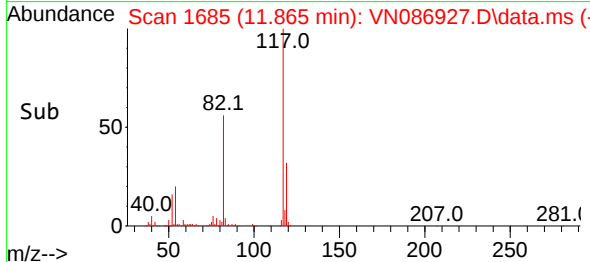
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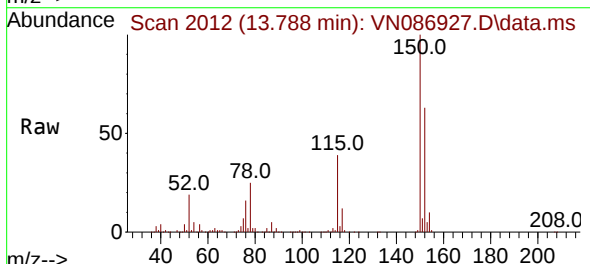
Tgt Ion:117 Resp: 555219
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 32.3 25.5 38.3

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: VN086927.D
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Tgt Ion:152 Resp: 265337
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.5
150 157.6 0.0 345.0

