

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086958.D
 Acq On : 11 Jun 2025 18:48
 Operator : JC\MD
 Sample : Q2231-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20250604

Quant Time: Jun 12 01:38:20 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)

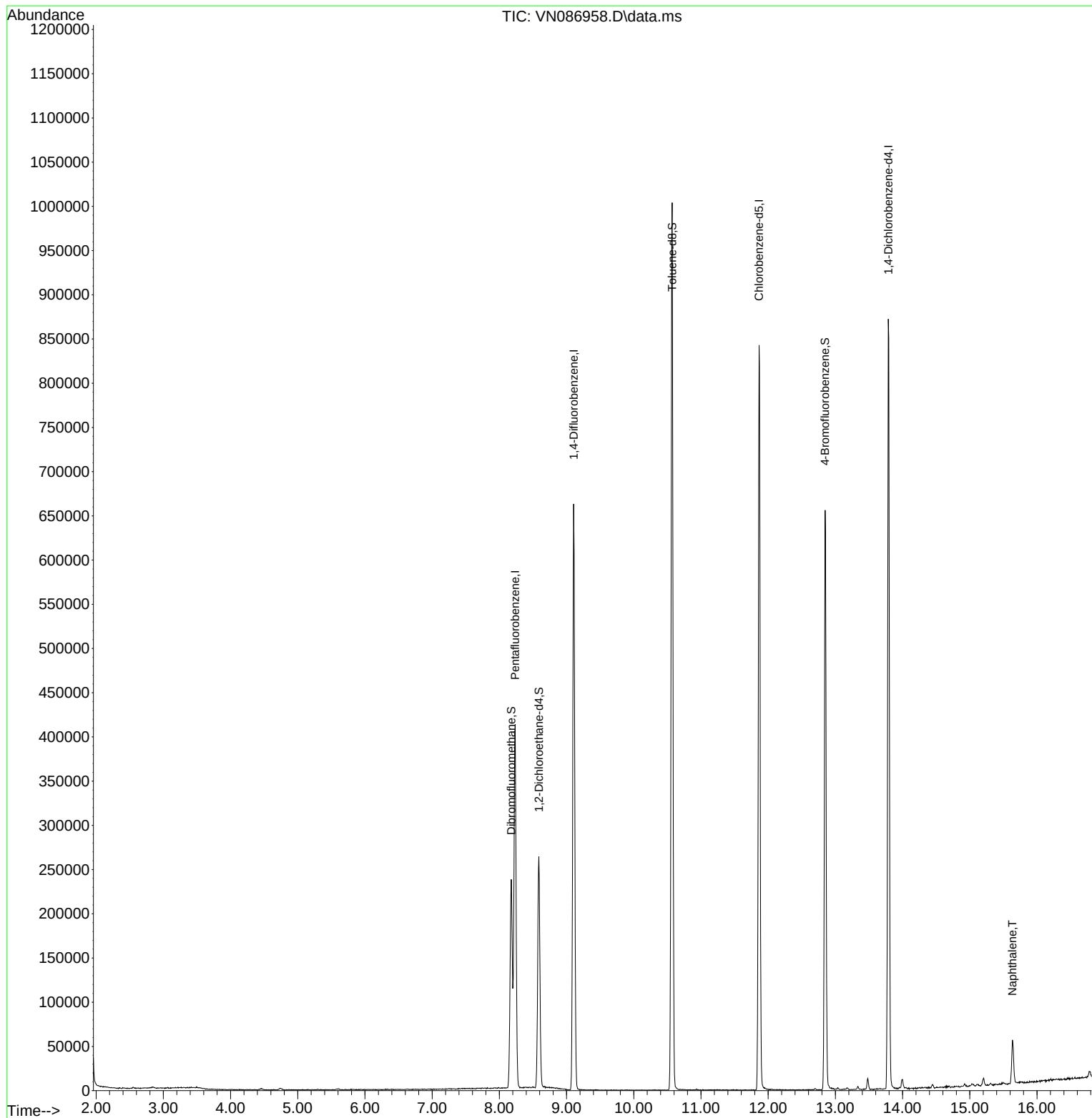
Internal Standards						
1) Pentafluorobenzene	8.235	168	325113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	613273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	544198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	259241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	212517	48.822	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.640%
35) Dibromofluoromethane	8.177	113	180467	49.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.320%
50) Toluene-d8	10.571	98	750685	52.176	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.360%
62) 4-Bromofluorobenzene	12.847	95	265515	49.671	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.340%
Target Compounds						
95) Naphthalene	15.635	128	51515	2.647	ug/l	Qvalue 99

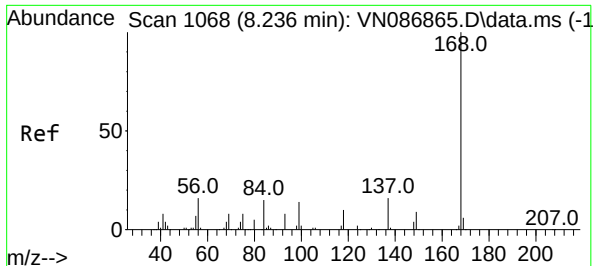
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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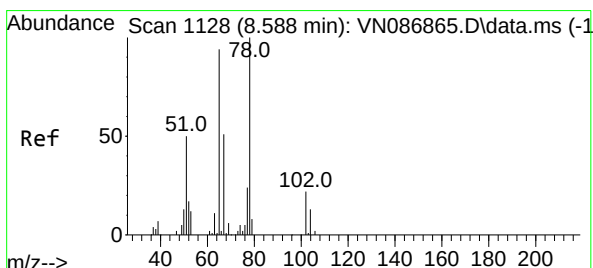
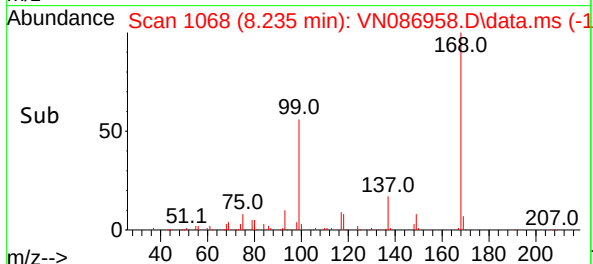
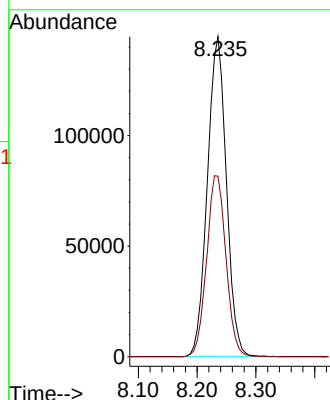
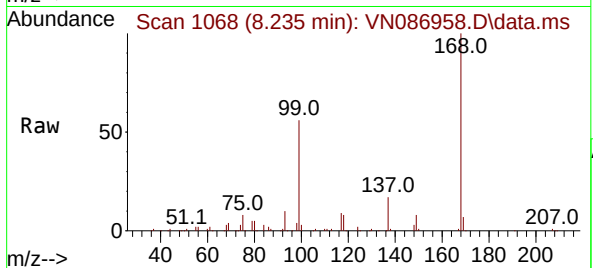




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086958.D
Acq: 11 Jun 2025 18:48

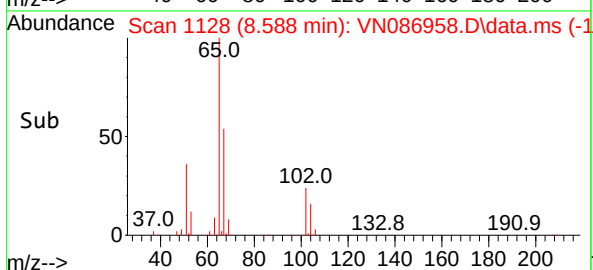
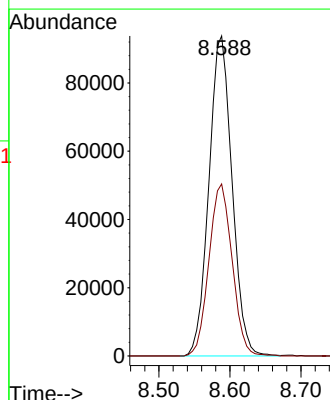
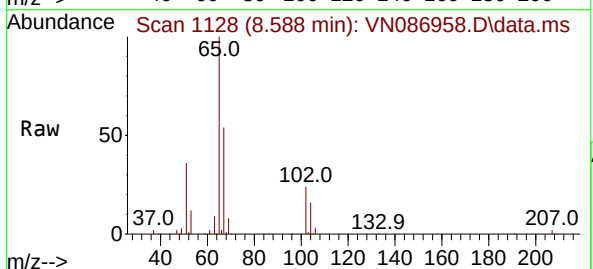
Instrument :
MSVOA_N
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TB-20250604

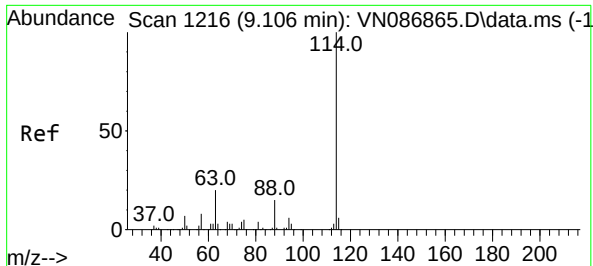
Tgt Ion:168 Resp: 325113
Ion Ratio Lower Upper
168 100
99 56.4 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 48.822 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086958.D
Acq: 11 Jun 2025 18:48

Tgt Ion: 65 Resp: 212517
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.6

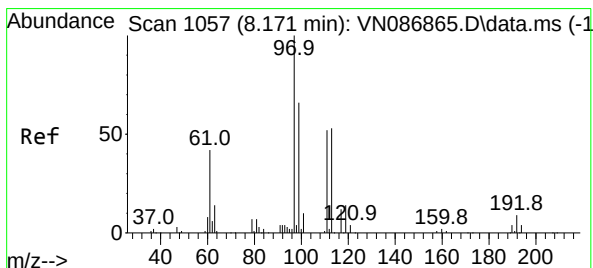
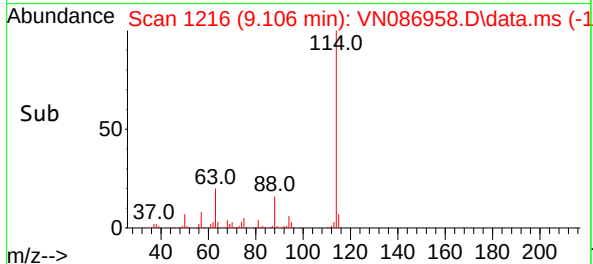
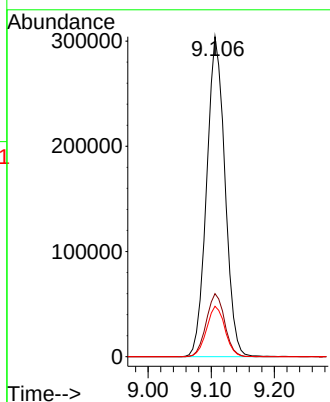
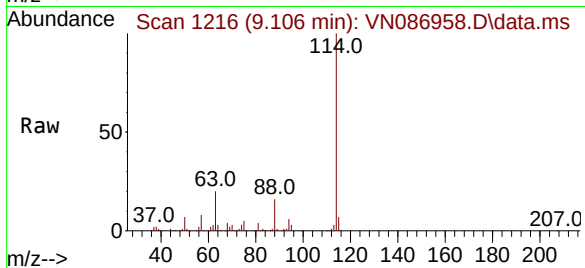




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086958.D
Acq: 11 Jun 2025 18:48

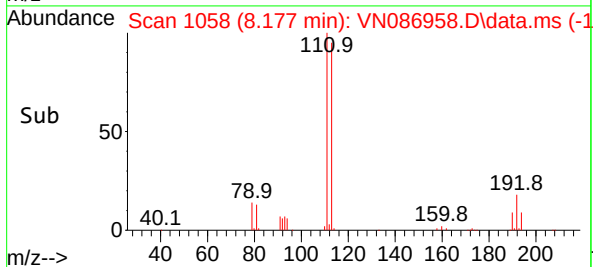
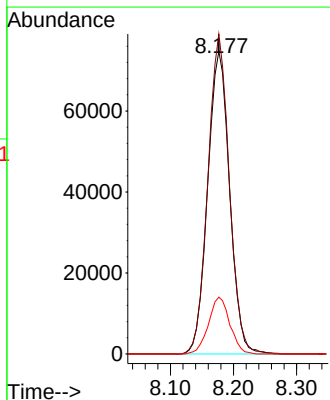
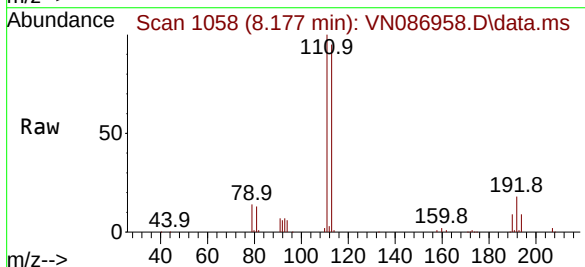
Instrument :
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TB-20250604

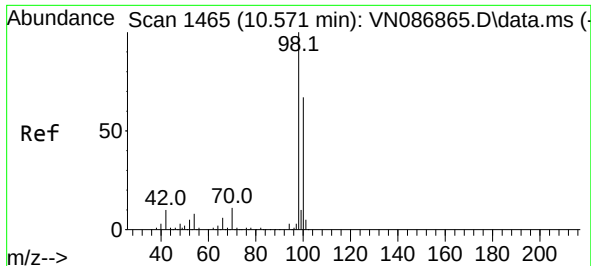
Tgt Ion:114 Resp: 613273
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.6
88 15.8 0.0 30.2



#35
Dibromofluoromethane
Concen: 49.655 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086958.D
Acq: 11 Jun 2025 18:48

Tgt Ion:113 Resp: 180467
Ion Ratio Lower Upper
113 100
111 103.4 84.2 126.2
192 18.3 14.2 21.4

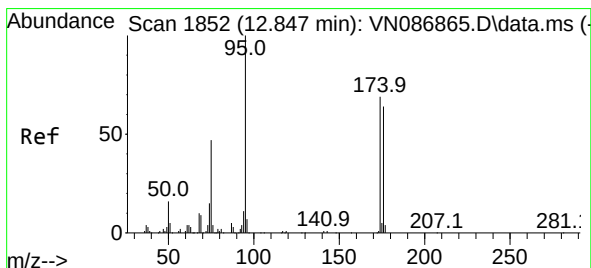
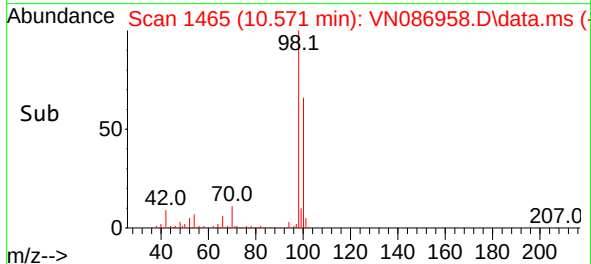
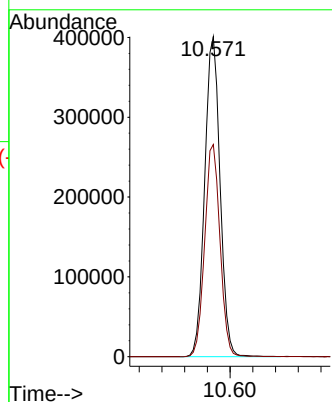
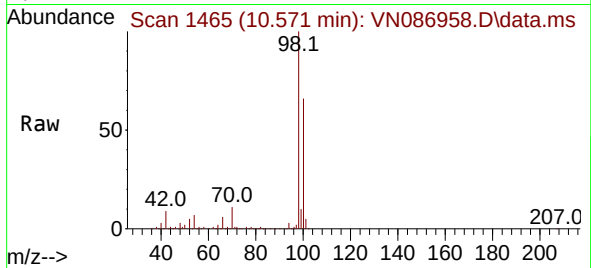




#50
Toluene-d8
Concen: 52.176 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086958.D
Acq: 11 Jun 2025 18:48

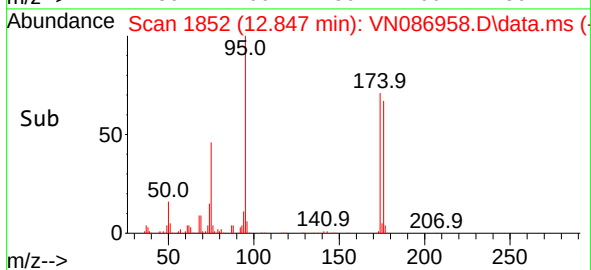
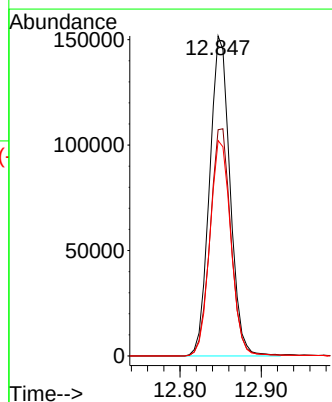
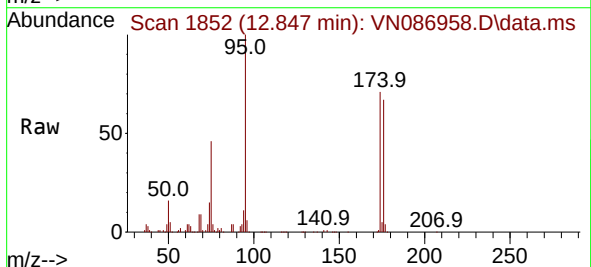
Instrument :
MSVOA_N
ClientSampleId :
TB-20250604

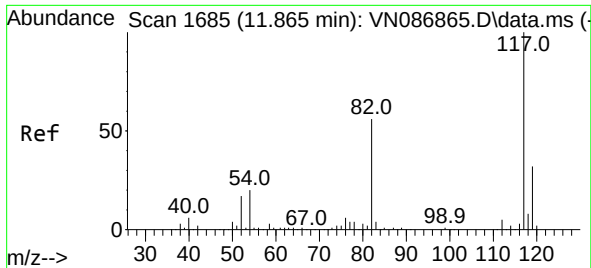
Tgt Ion: 98 Resp: 750685
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.671 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086958.D
Acq: 11 Jun 2025 18:48

Tgt Ion: 95 Resp: 265515
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.8
176 69.4 0.0 132.6

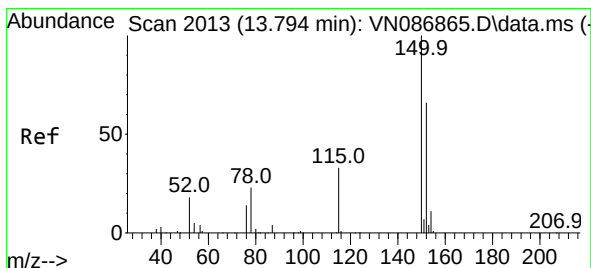
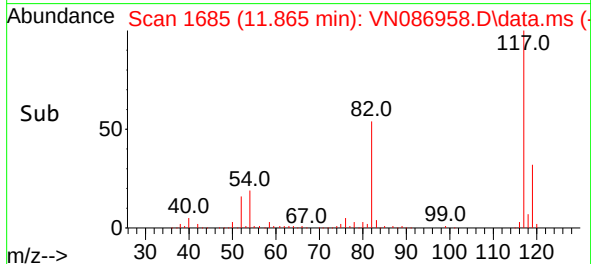
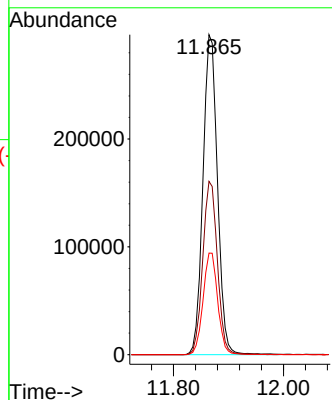
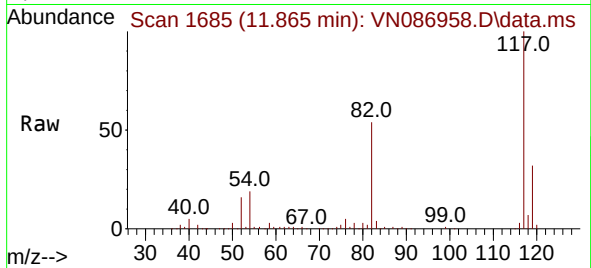




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086958.D
Acq: 11 Jun 2025 18:48

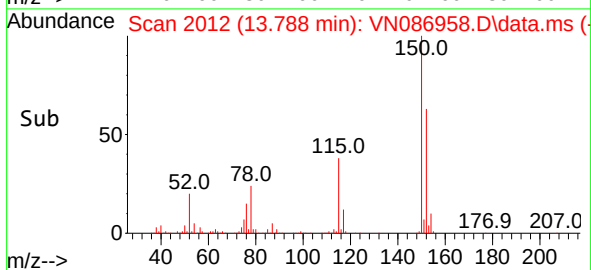
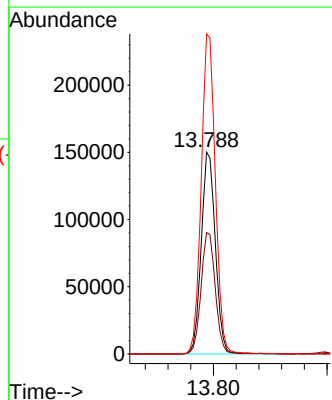
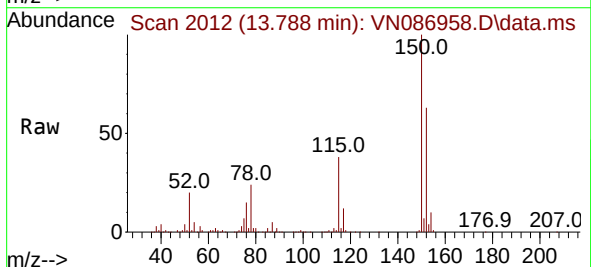
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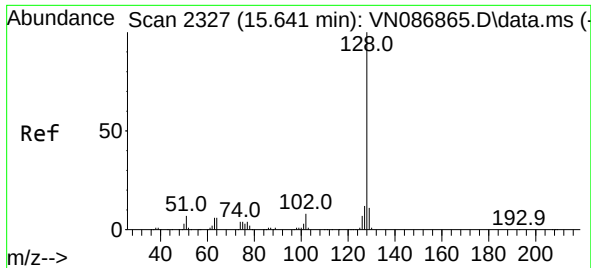
Tgt Ion:117 Resp: 544198
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086958.D
Acq: 11 Jun 2025 18:48

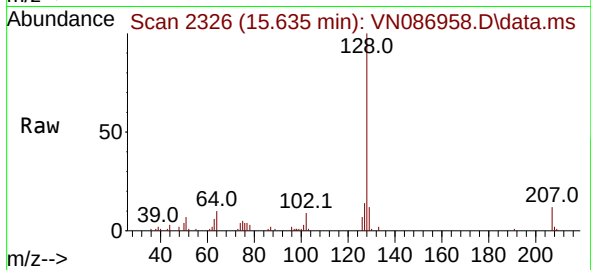
Tgt Ion:152 Resp: 259241
Ion Ratio Lower Upper
152 100
115 60.5 30.1 90.5
150 158.6 0.0 345.0





#95
Naphthalene
Concen: 2.647 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN086958.D
Acq: 11 Jun 2025 18:48

Instrument :
MSVOA_N
ClientSampleId :
TB-20250604



Tgt Ion:128 Resp: 51515
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.5 8.8 13.2

