

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086952.D
 Acq On : 11 Jun 2025 16:35
 Operator : JC\MD
 Sample : Q2202-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13D-20250603

Quant Time: Jun 12 01:35:20 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)

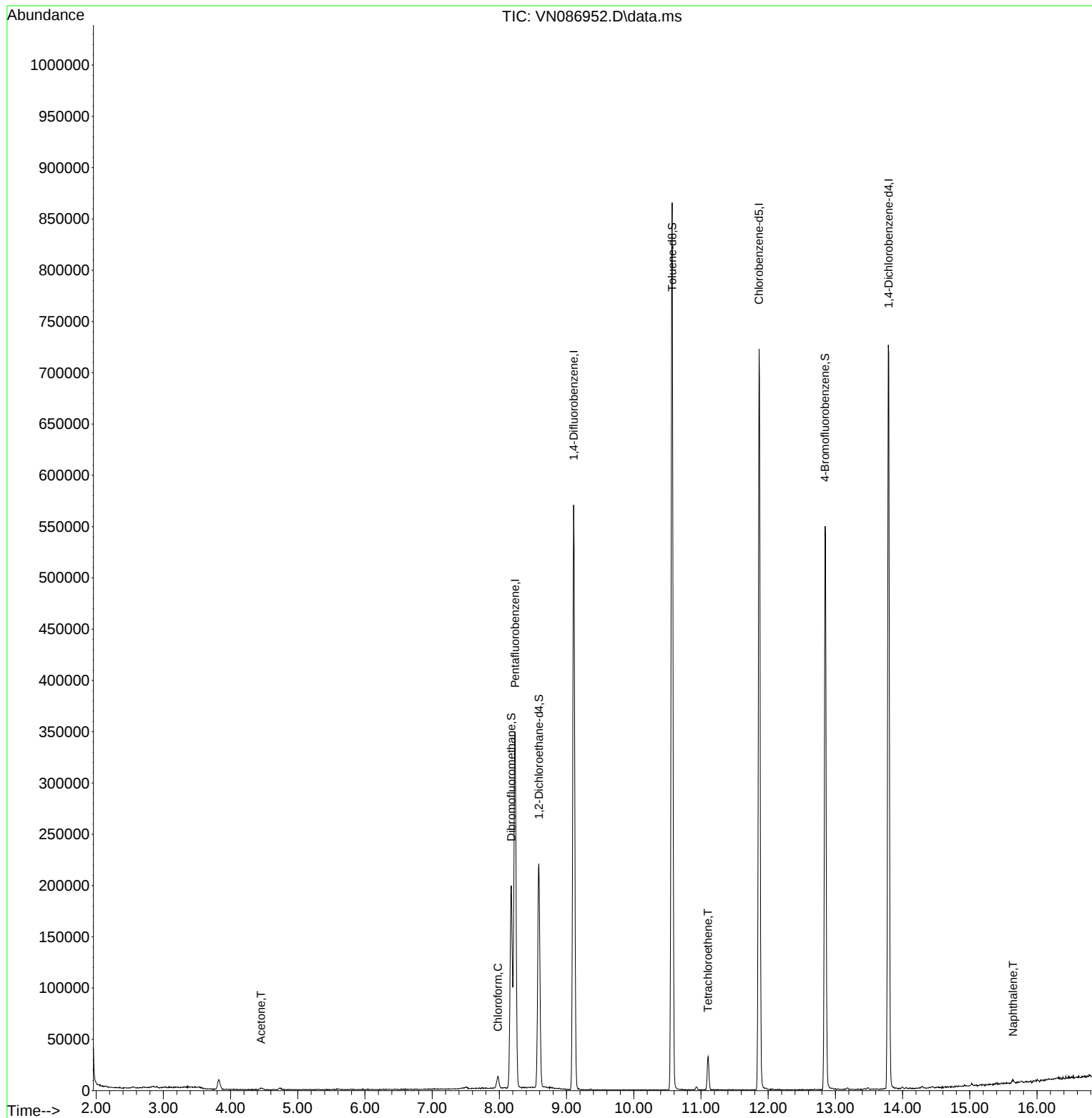
Internal Standards						
1) Pentafluorobenzene	8.235	168	281008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	529071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	457419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	181954	48.361	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	96.720%	
35) Dibromofluoromethane	8.177	113	153628	48.998	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.000%	
50) Toluene-d8	10.571	98	636565	51.285	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.580%	
62) 4-Bromofluorobenzene	12.847	95	225261	48.848	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	97.700%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	3062	1.535	ug/l #	86
30) Chloroform	7.977	83	12390	1.972	ug/l	96
64) Tetrachloroethene	11.106	164	8172	2.823	ug/l	96
95) Naphthalene	15.647	128	4328	0.264	ug/l #	95

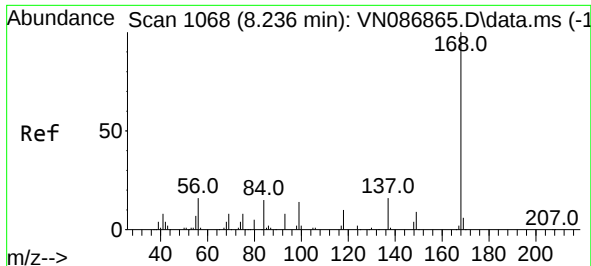
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

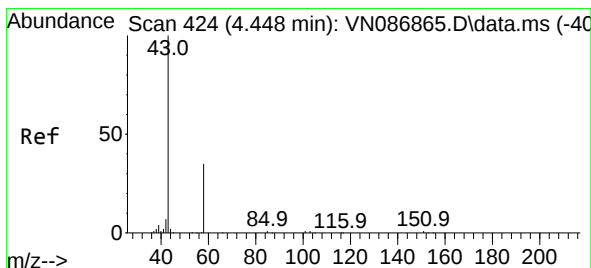
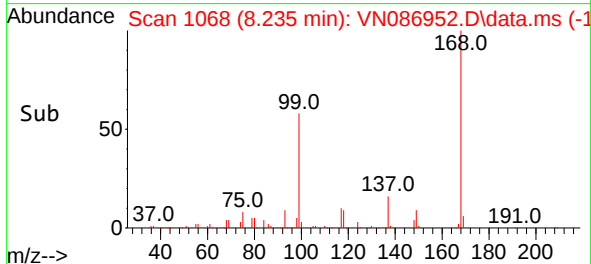
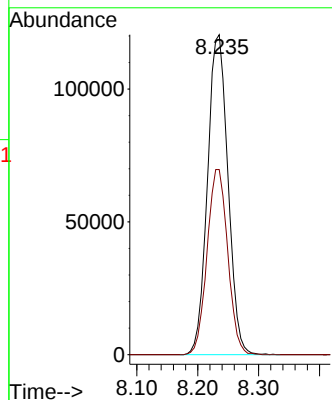
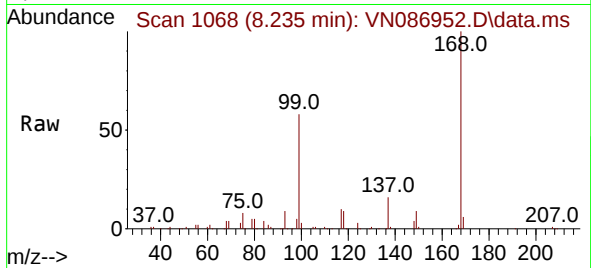




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086952.D
Acq: 11 Jun 2025 16:35

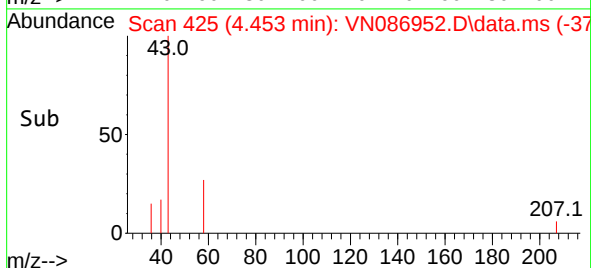
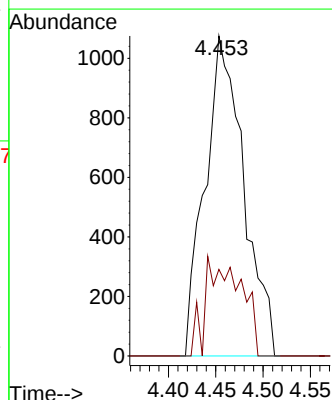
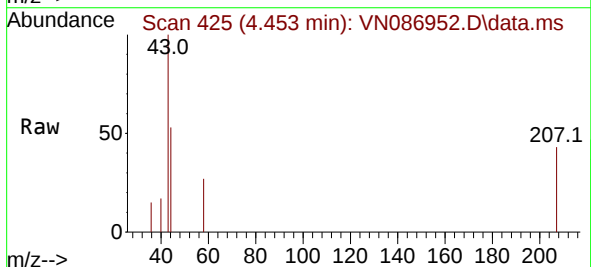
Instrument :
MSVOA_N
ClientSampleId :
MW-13D-20250603

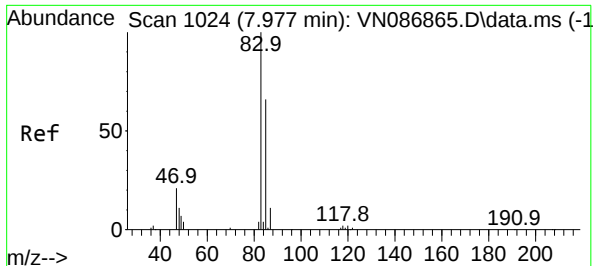
Tgt Ion:168 Resp: 281008
Ion Ratio Lower Upper
168 100
99 57.9 49.1 73.7



#16
Acetone
Concen: 1.535 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN086952.D
Acq: 11 Jun 2025 16:35

Tgt Ion: 43 Resp: 3062
Ion Ratio Lower Upper
43 100
58 27.1 28.0 42.0#





#30

Chloroform

Concen: 1.972 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN086952.D

Acq: 11 Jun 2025 16:35

Instrument :

MSVOA_N

ClientSampleId :

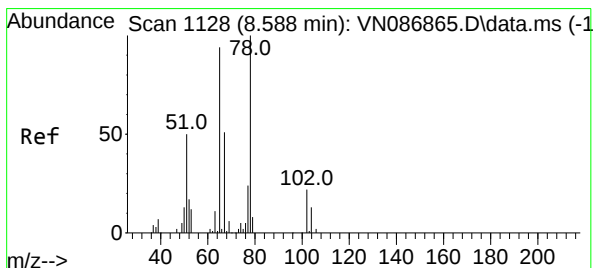
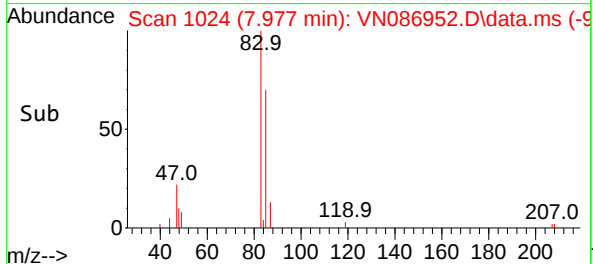
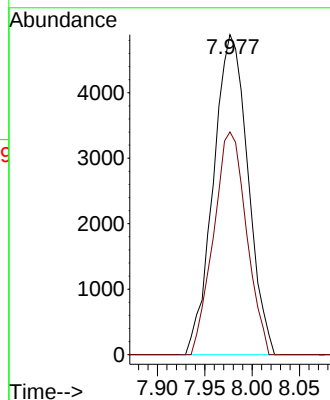
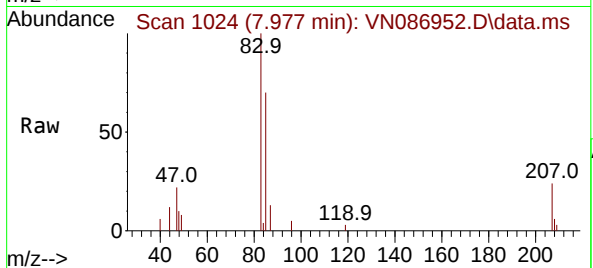
MW-13D-20250603

Tgt Ion: 83 Resp: 12390

Ion Ratio Lower Upper

83 100

85 69.6 52.9 79.3



#33

1,2-Dichloroethane-d4

Concen: 48.361 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086952.D

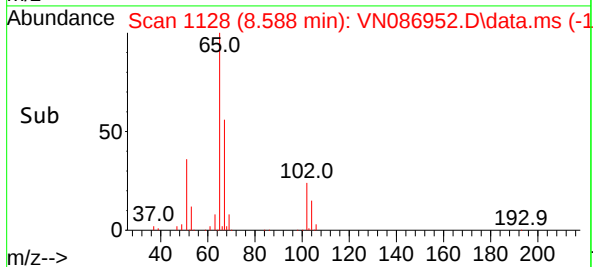
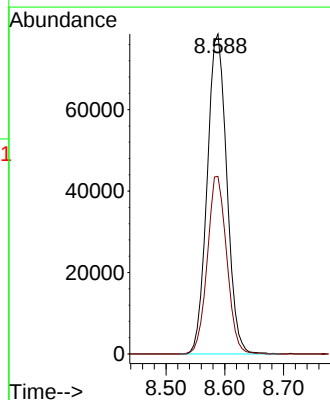
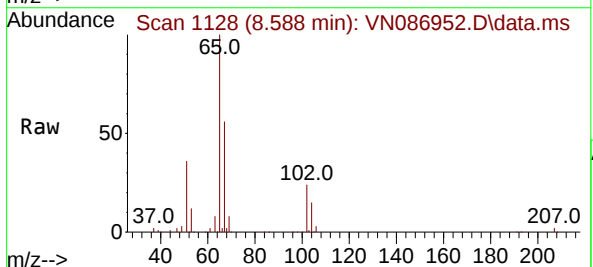
Acq: 11 Jun 2025 16:35

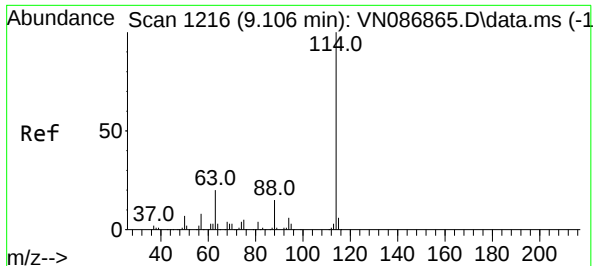
Tgt Ion: 65 Resp: 181954

Ion Ratio Lower Upper

65 100

67 54.9 0.0 105.6

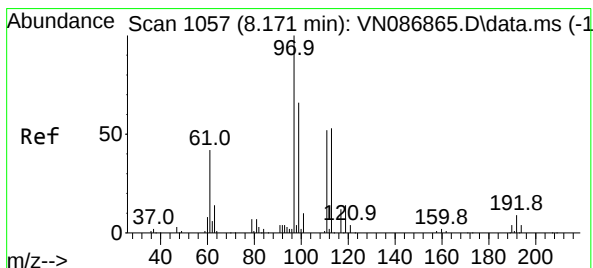
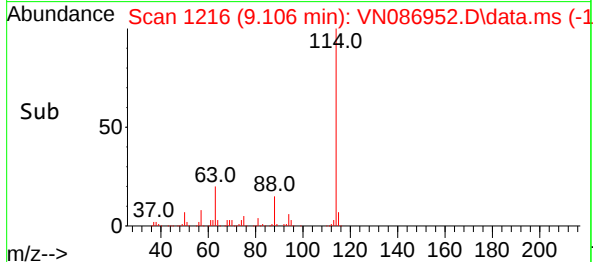
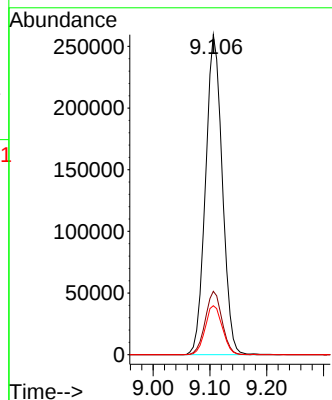
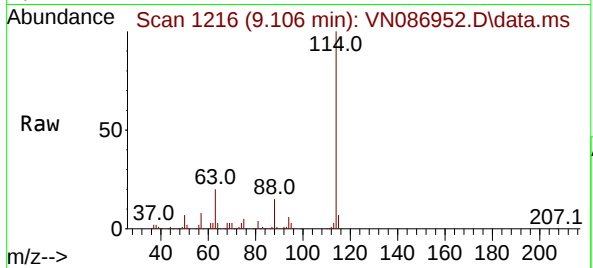




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086952.D
Acq: 11 Jun 2025 16:35

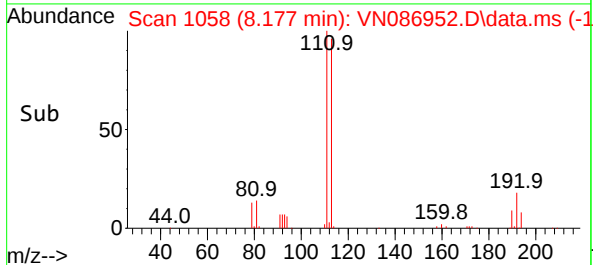
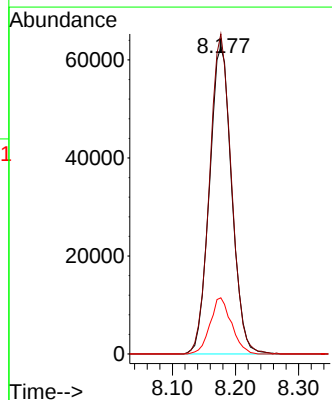
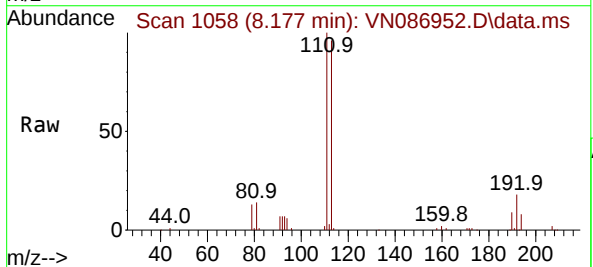
Instrument :
MSVOA_N
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MW-13D-20250603

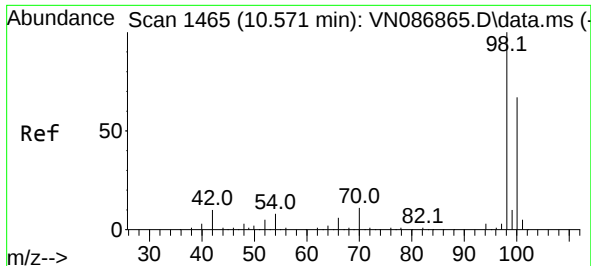
Tgt Ion:114 Resp: 529071
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 15.3 0.0 30.2



#35
Dibromofluoromethane
Concen: 48.998 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086952.D
Acq: 11 Jun 2025 16:35

Tgt Ion:113 Resp: 153628
Ion Ratio Lower Upper
113 100
111 102.2 84.2 126.2
192 17.5 14.2 21.4

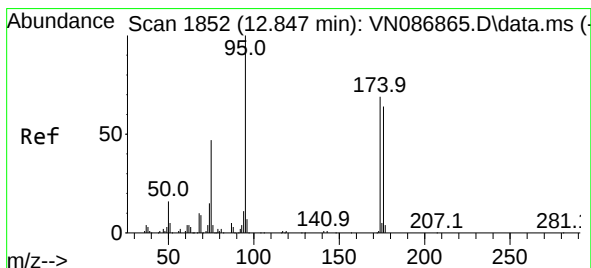
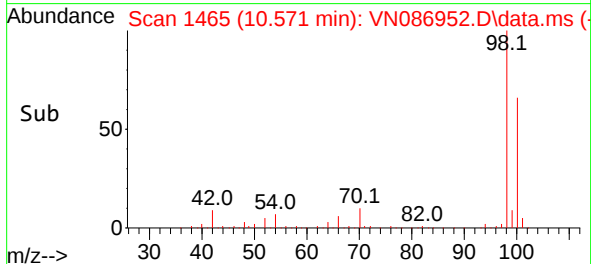
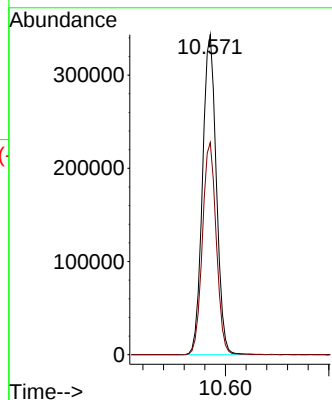
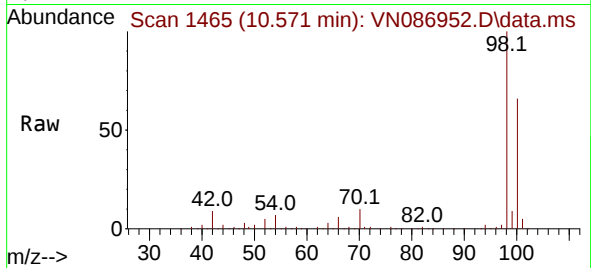




#50
Toluene-d8
Concen: 51.285 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086952.D
Acq: 11 Jun 2025 16:35

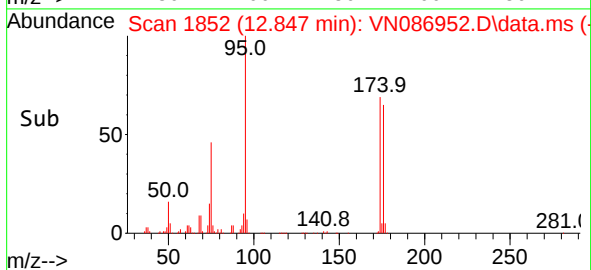
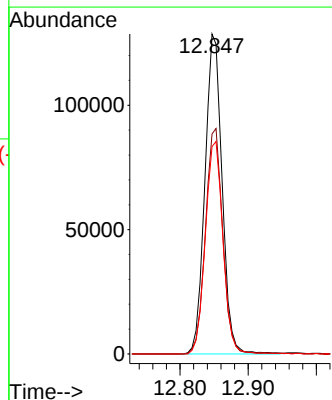
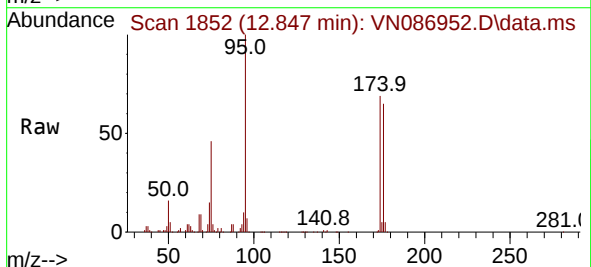
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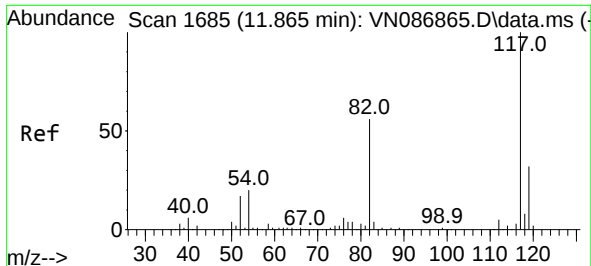
Tgt Ion: 98 Resp: 636565
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.848 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086952.D
Acq: 11 Jun 2025 16:35

Tgt Ion: 95 Resp: 225261
Ion Ratio Lower Upper
95 100
174 71.0 0.0 141.8
176 68.2 0.0 132.6

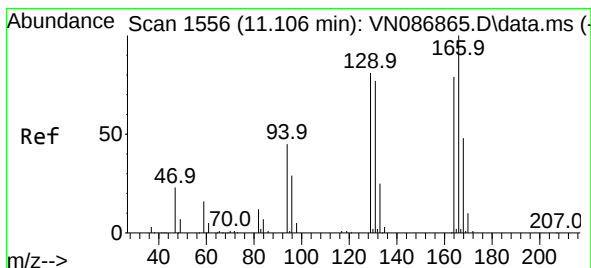
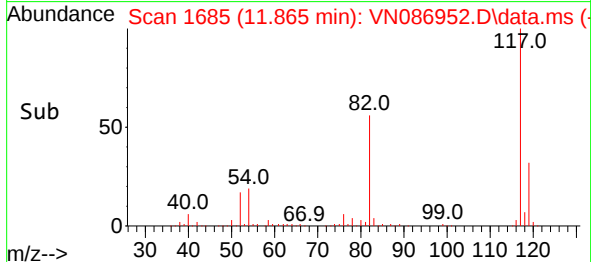
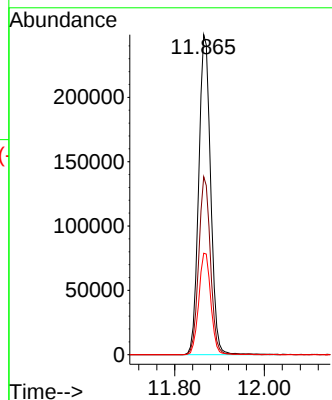
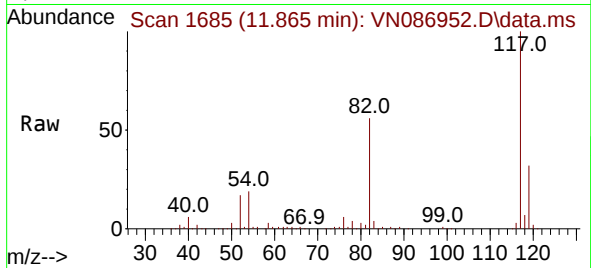




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086952.D
Acq: 11 Jun 2025 16:35

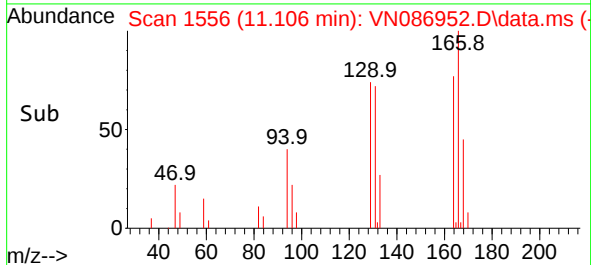
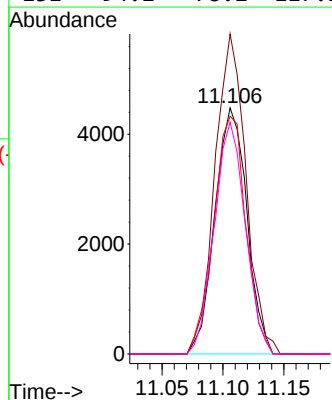
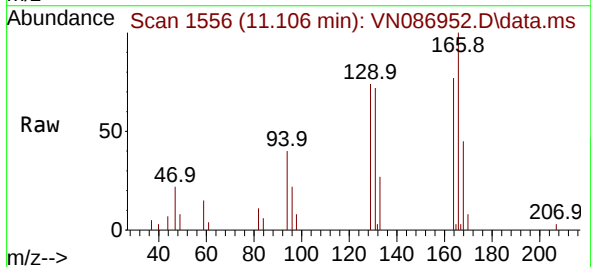
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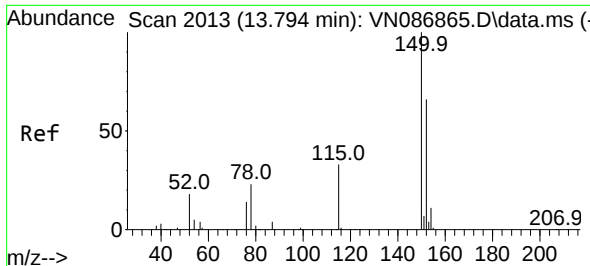
Tgt Ion:117 Resp: 457419
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 2.823 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086952.D
Acq: 11 Jun 2025 16:35

Tgt Ion:164 Resp: 8172
Ion Ratio Lower Upper
164 100
166 130.1 101.8 152.8
129 96.7 83.0 124.4
131 94.2 78.2 117.2

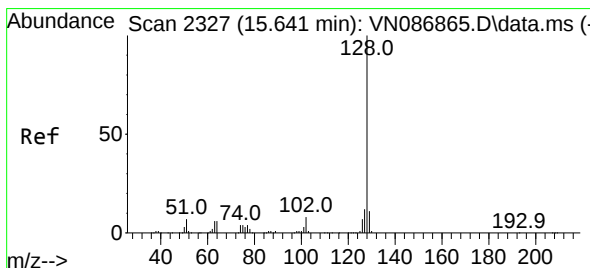
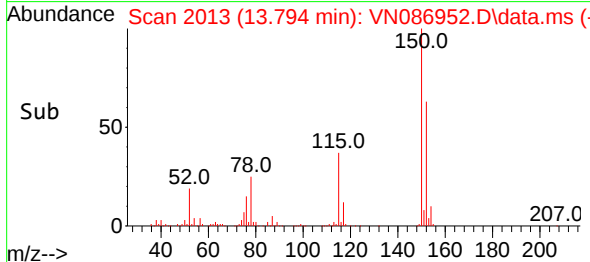
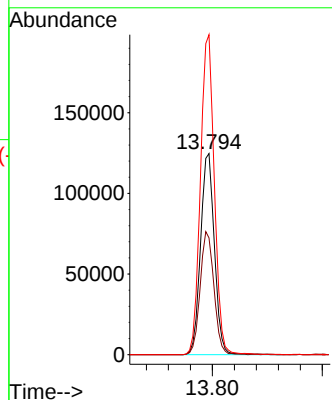
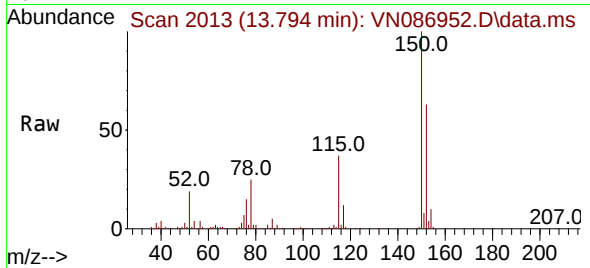




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086952.D
Acq: 11 Jun 2025 16:35

Instrument :
MSVOA_N
ClientSampleId :
MW-13D-20250603

Tgt Ion:152 Resp: 218595
Ion Ratio Lower Upper
152 100
115 61.0 30.1 90.5
150 159.4 0.0 345.0



#95
Naphthalene
Concen: 0.264 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN086952.D
Acq: 11 Jun 2025 16:35

Tgt Ion:128 Resp: 4328
Ion Ratio Lower Upper
128 100
127 9.2 10.2 15.2#
129 11.6 8.8 13.2

