

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086948.D
 Acq On : 11 Jun 2025 15:06
 Operator : JC\MD
 Sample : Q2250-01DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A-13.5-060525DL

Quant Time: Jun 12 01:33:54 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)

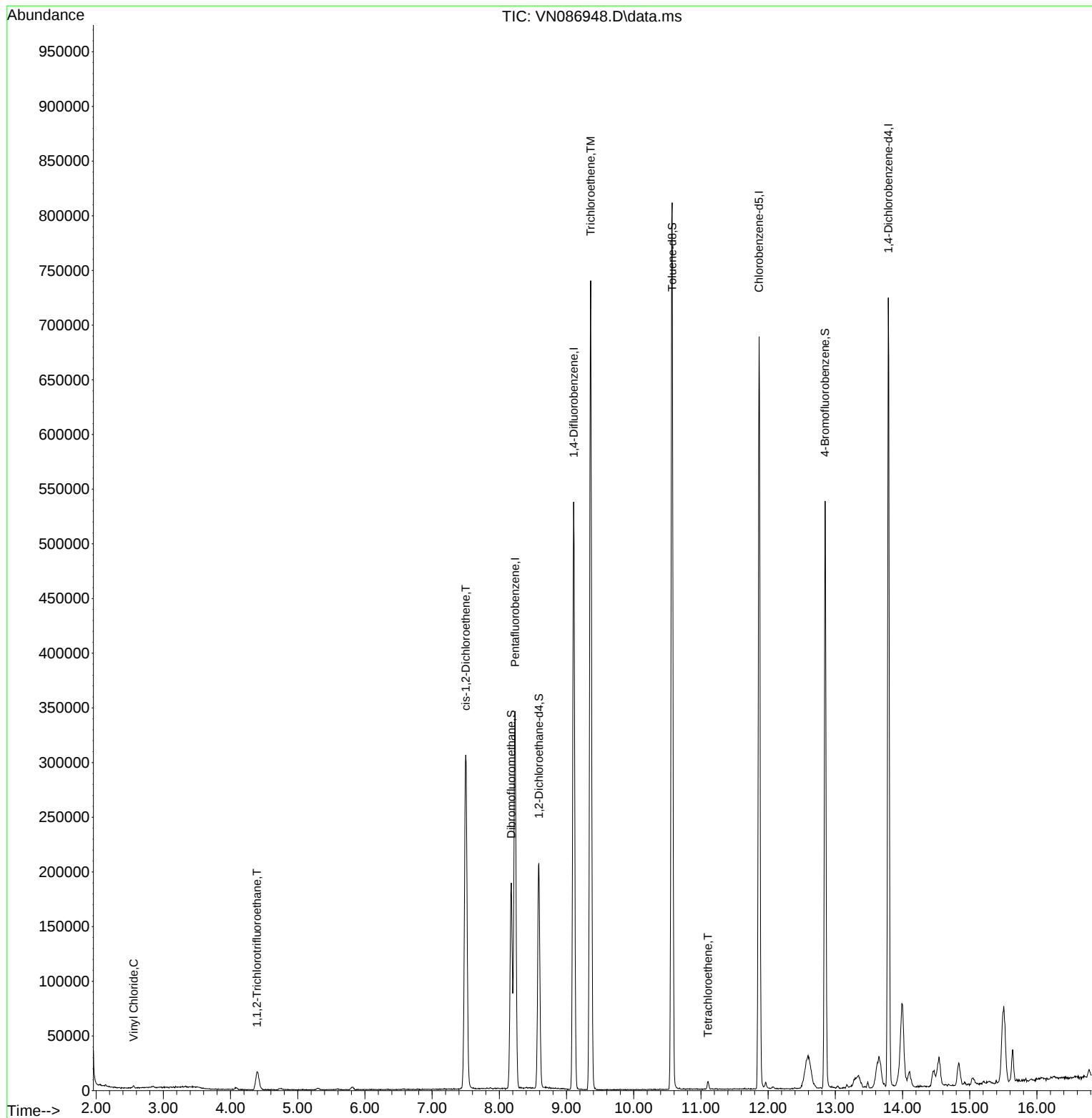
Internal Standards						
1) Pentafluorobenzene	8.236	168	272350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	500042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	434591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	208257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	168991	46.344	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.680%
35) Dibromofluoromethane	8.177	113	143354	48.375	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.760%
50) Toluene-d8	10.571	98	599641	51.115	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.847	95	214176	49.140	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.280%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.559	62	1187	0.328	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.395	101	13861	4.668	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	208706	51.744	ug/l	89
44) Trichloroethene	9.359	130	290594	84.873	ug/l	98
64) Tetrachloroethene	11.106	164	1673	0.608	ug/l #	78

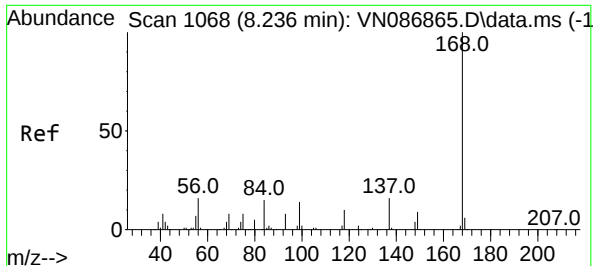
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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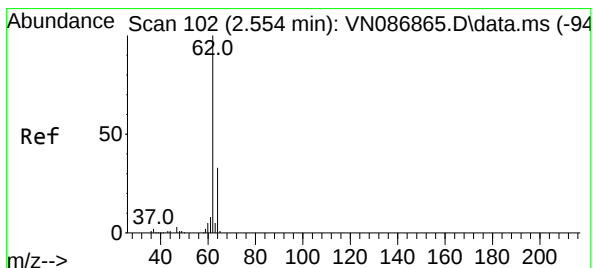
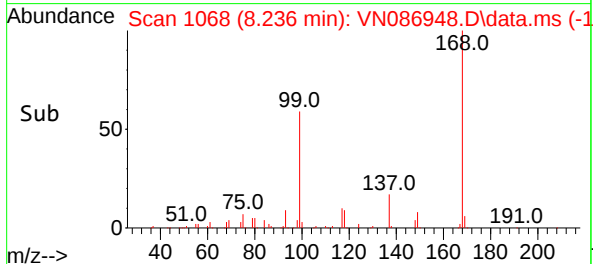
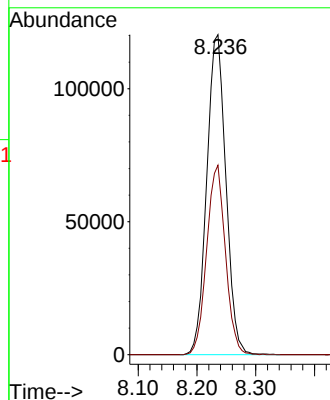
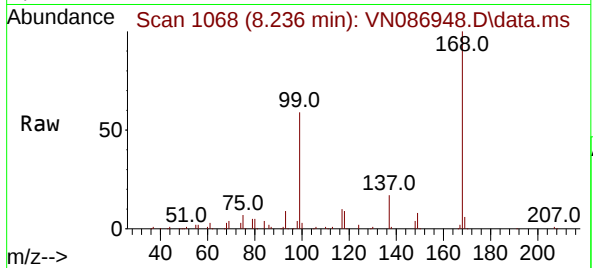




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN086948.D
Acq: 11 Jun 2025 15:06

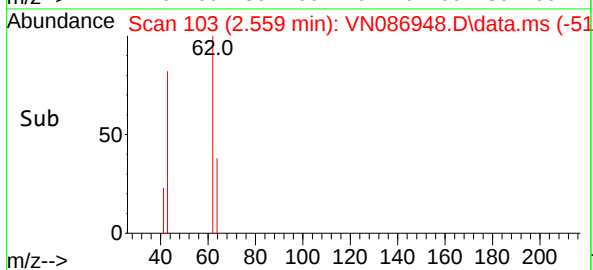
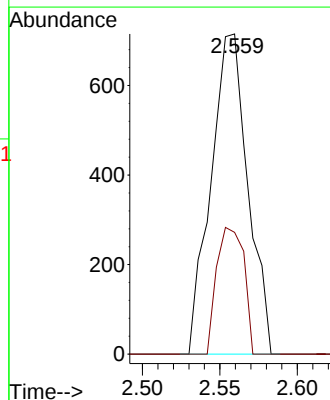
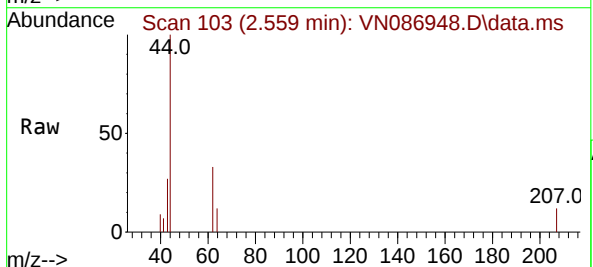
Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525DL

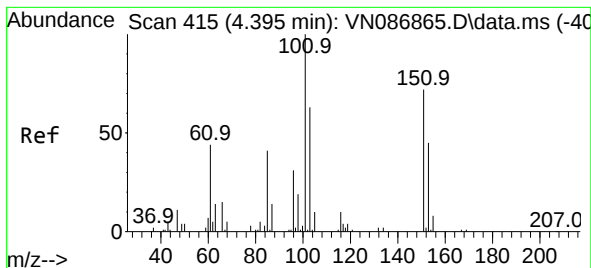
Tgt Ion:168 Resp: 272350
Ion Ratio Lower Upper
168 100
99 59.2 49.1 73.7



#4
Vinyl Chloride
Concen: 0.328 ug/l
RT: 2.559 min Scan# 103
Delta R.T. 0.006 min
Lab File: VN086948.D
Acq: 11 Jun 2025 15:06

Tgt Ion: 62 Resp: 1187
Ion Ratio Lower Upper
62 100
64 38.0 26.0 39.0

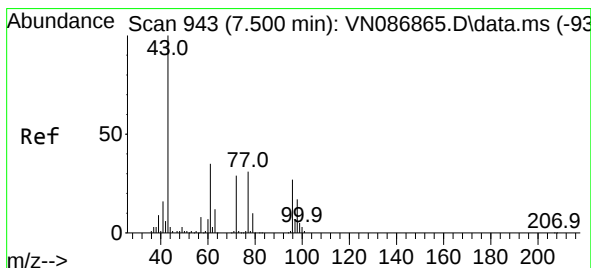
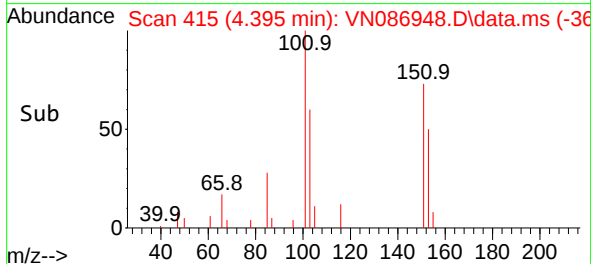
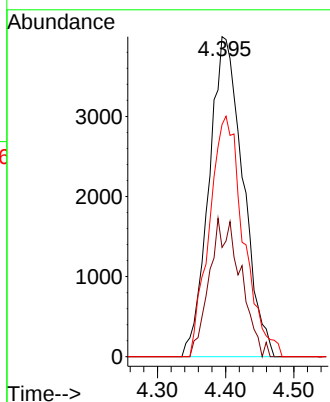
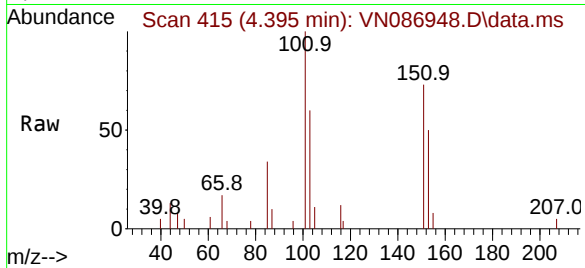




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.668 ug/l
 RT: 4.395 min Scan# 415
 Delta R.T. -0.000 min
 Lab File: VN086948.D
 Acq: 11 Jun 2025 15:06

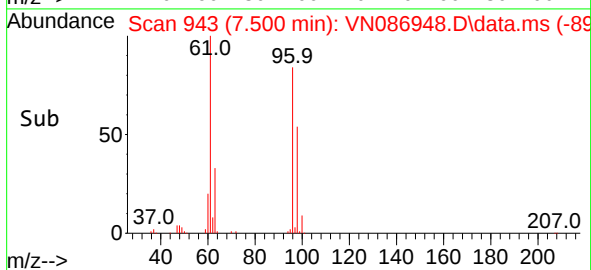
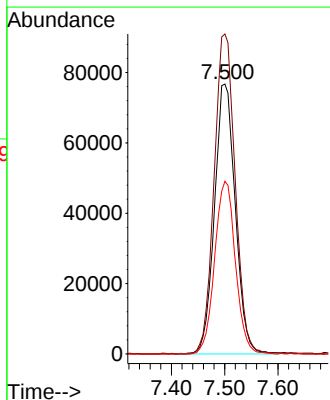
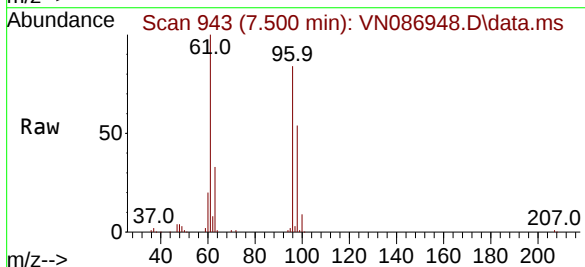
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11A-13.5-060525DL

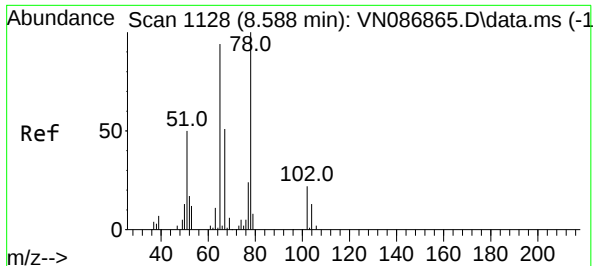
Tgt Ion:101 Resp: 13861
 Ion Ratio Lower Upper
 101 100
 85 39.8 33.8 50.8
 151 75.5 58.7 88.1



#27
 cis-1,2-Dichloroethene
 Concen: 51.744 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. 0.000 min
 Lab File: VN086948.D
 Acq: 11 Jun 2025 15:06

Tgt Ion: 96 Resp: 208706
 Ion Ratio Lower Upper
 96 100
 61 120.1 0.0 278.0
 98 63.6 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 46.344 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN086948.D

Acq: 11 Jun 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

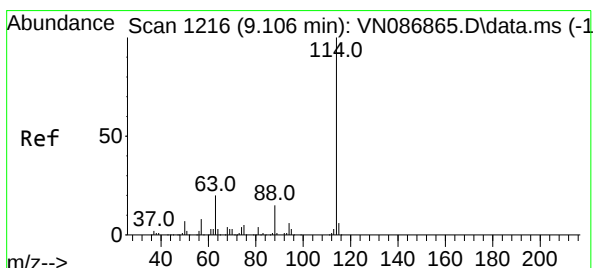
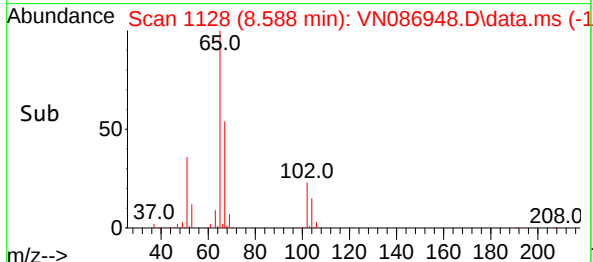
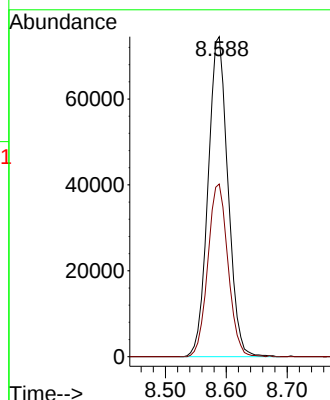
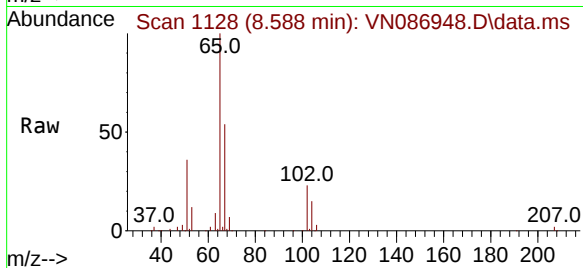
MW-11A-13.5-060525DL

Tgt Ion: 65 Resp: 168991

Ion Ratio Lower Upper

65 100

67 54.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN086948.D

Acq: 11 Jun 2025 15:06

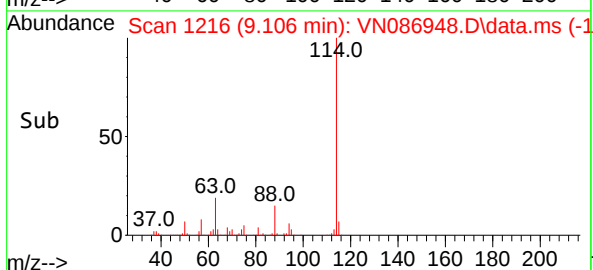
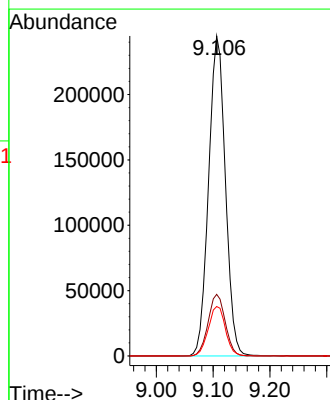
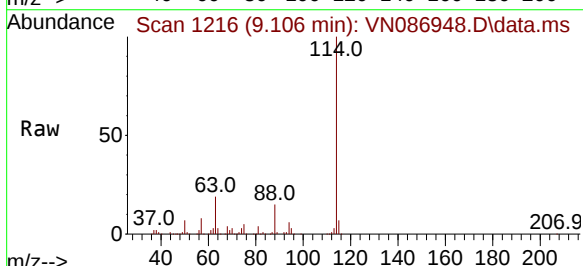
Tgt Ion: 114 Resp: 500042

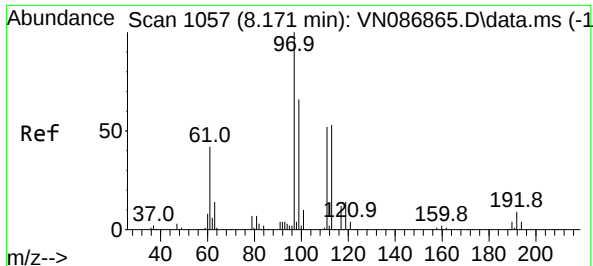
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.375 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086948.D

Acq: 11 Jun 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

MW-11A-13.5-060525DL

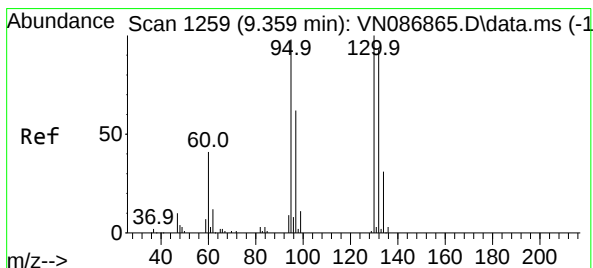
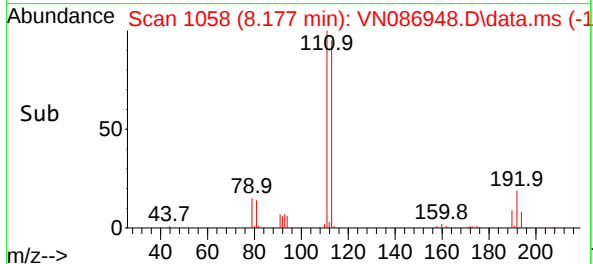
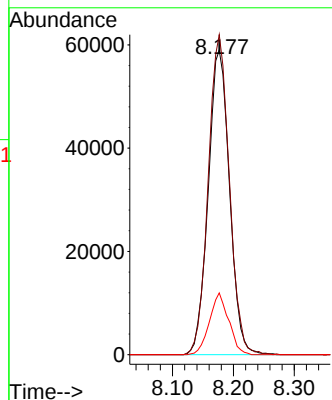
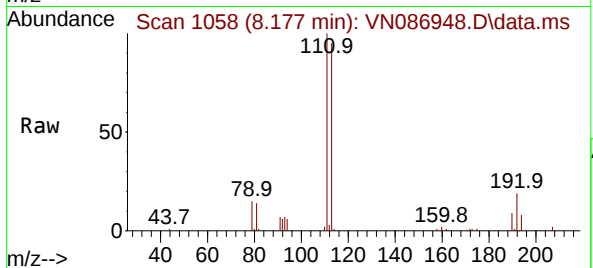
Tgt Ion:113 Resp: 143354

Ion Ratio Lower Upper

113 100

111 103.8 84.2 126.2

192 18.3 14.2 21.4



#44

Trichloroethene

Concen: 84.873 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN086948.D

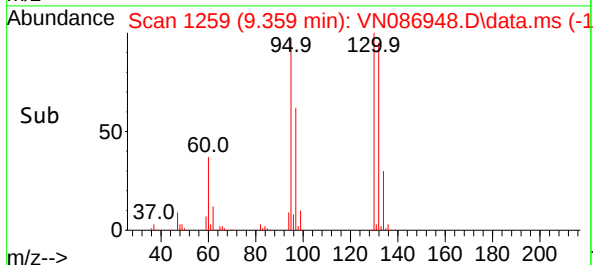
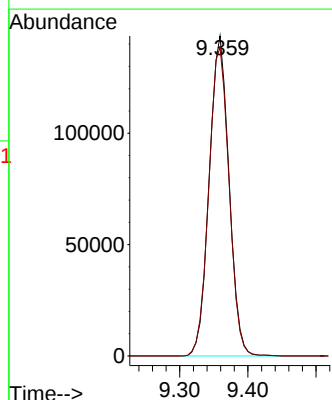
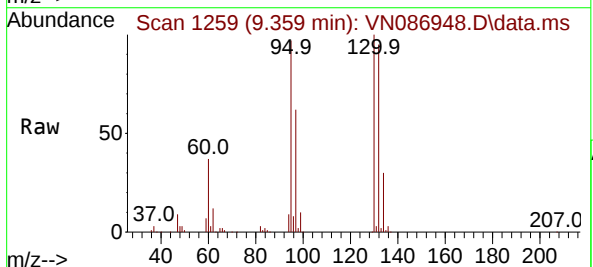
Acq: 11 Jun 2025 15:06

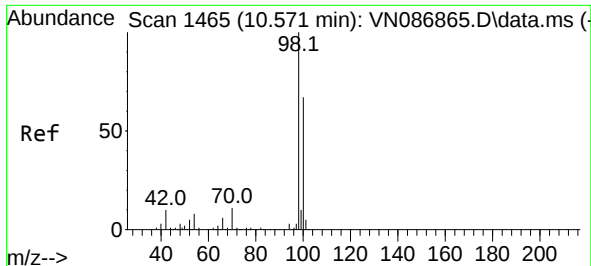
Tgt Ion:130 Resp: 290594

Ion Ratio Lower Upper

130 100

95 96.5 0.0 196.2

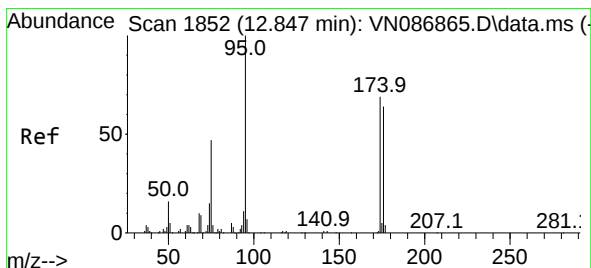
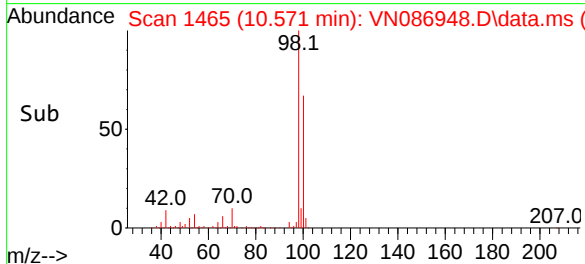
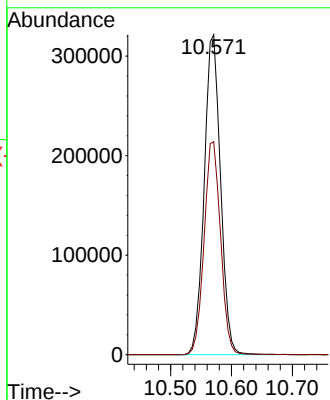
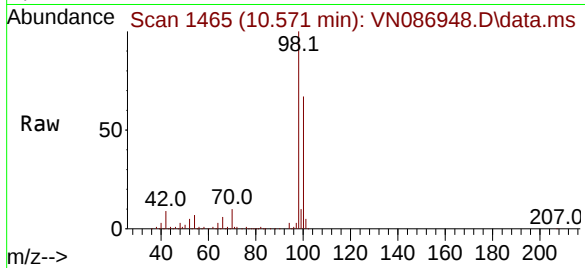




#50
Toluene-d8
Concen: 51.115 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN086948.D
Acq: 11 Jun 2025 15:06

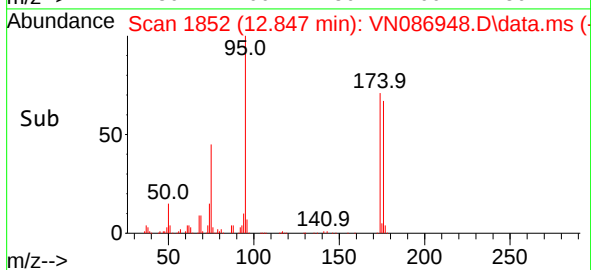
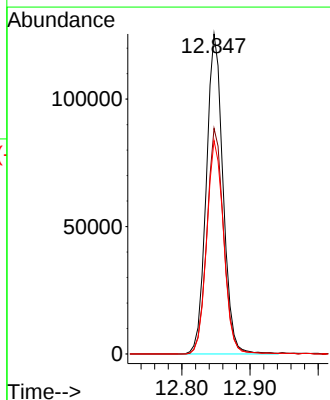
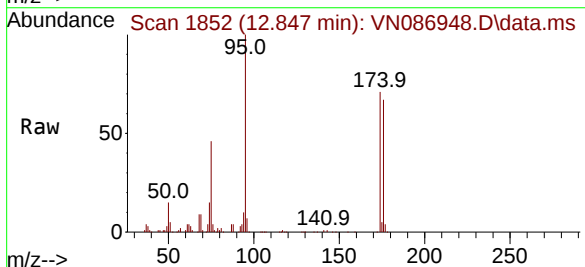
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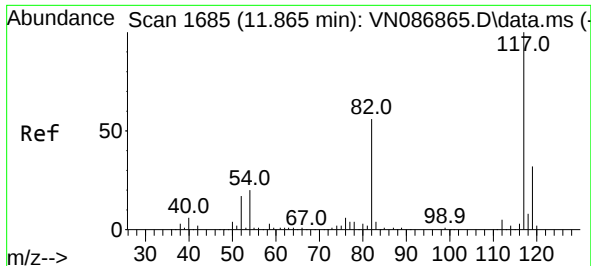
Tgt Ion: 98 Resp: 599641
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.140 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086948.D
Acq: 11 Jun 2025 15:06

Tgt Ion: 95 Resp: 214176
Ion Ratio Lower Upper
95 100
174 70.6 0.0 141.8
176 67.6 0.0 132.6

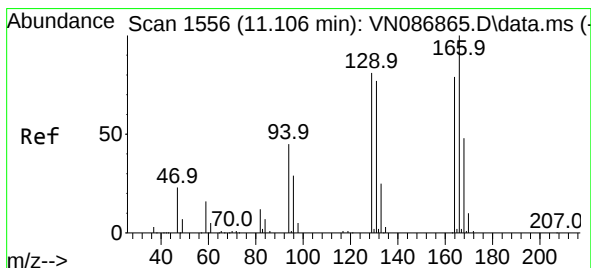
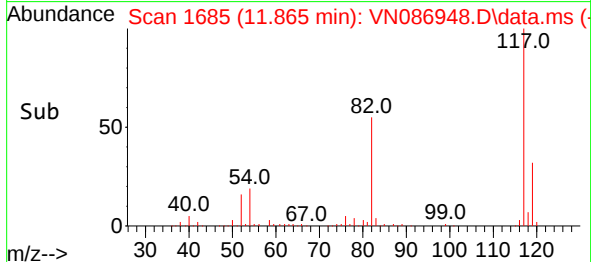
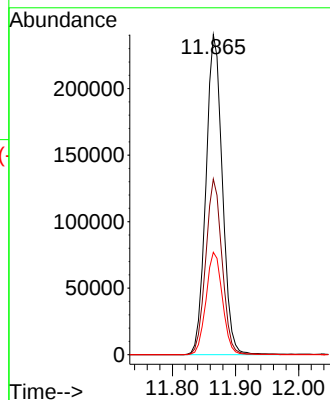
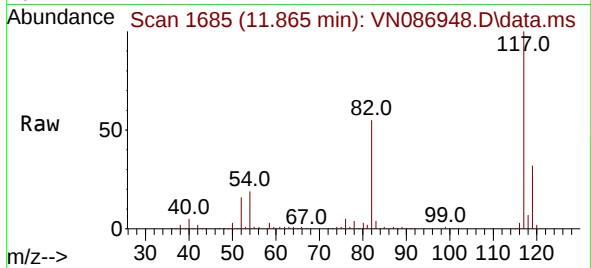




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086948.D
Acq: 11 Jun 2025 15:06

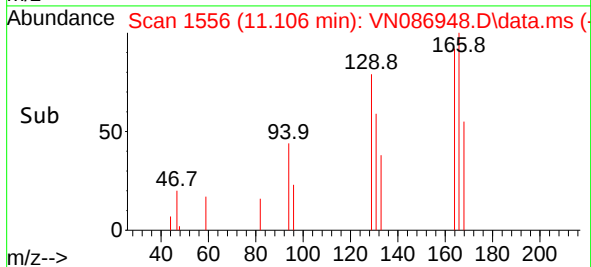
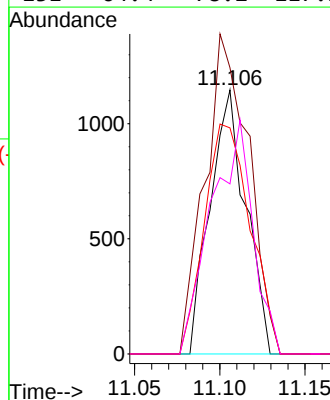
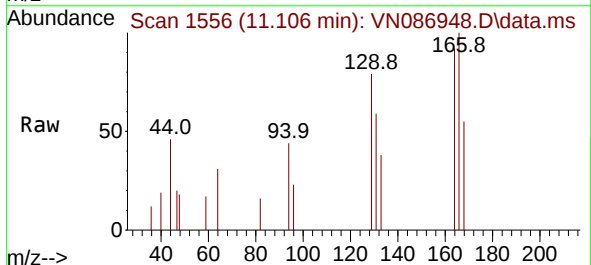
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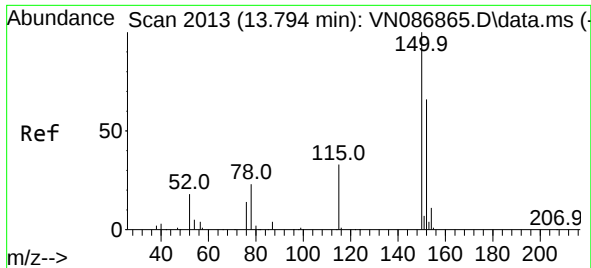
Tgt Ion:117 Resp: 434591
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 0.608 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN086948.D
Acq: 11 Jun 2025 15:06

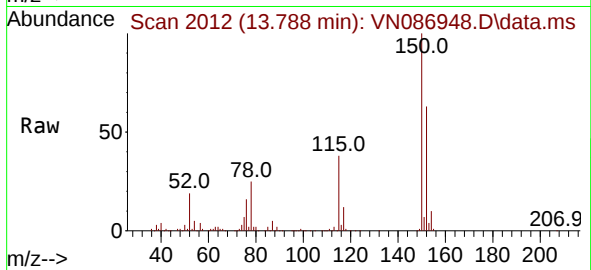
Tgt Ion:164 Resp: 1673
Ion Ratio Lower Upper
164 100
166 108.4 101.8 152.8
129 85.6 83.0 124.4
131 64.4 78.2 117.2#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN086948.D
Acq: 11 Jun 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
MW-11A-13.5-060525DL



Tgt Ion:152 Resp: 208257
Ion Ratio Lower Upper
152 100
115 60.5 30.1 90.5
150 157.5 0.0 345.0

