

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085823.D
 Acq On : 21 Feb 2025 23:25
 Operator : JC\MD
 Sample : Q1405-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20D-021325

Quant Time: Feb 22 02:45:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

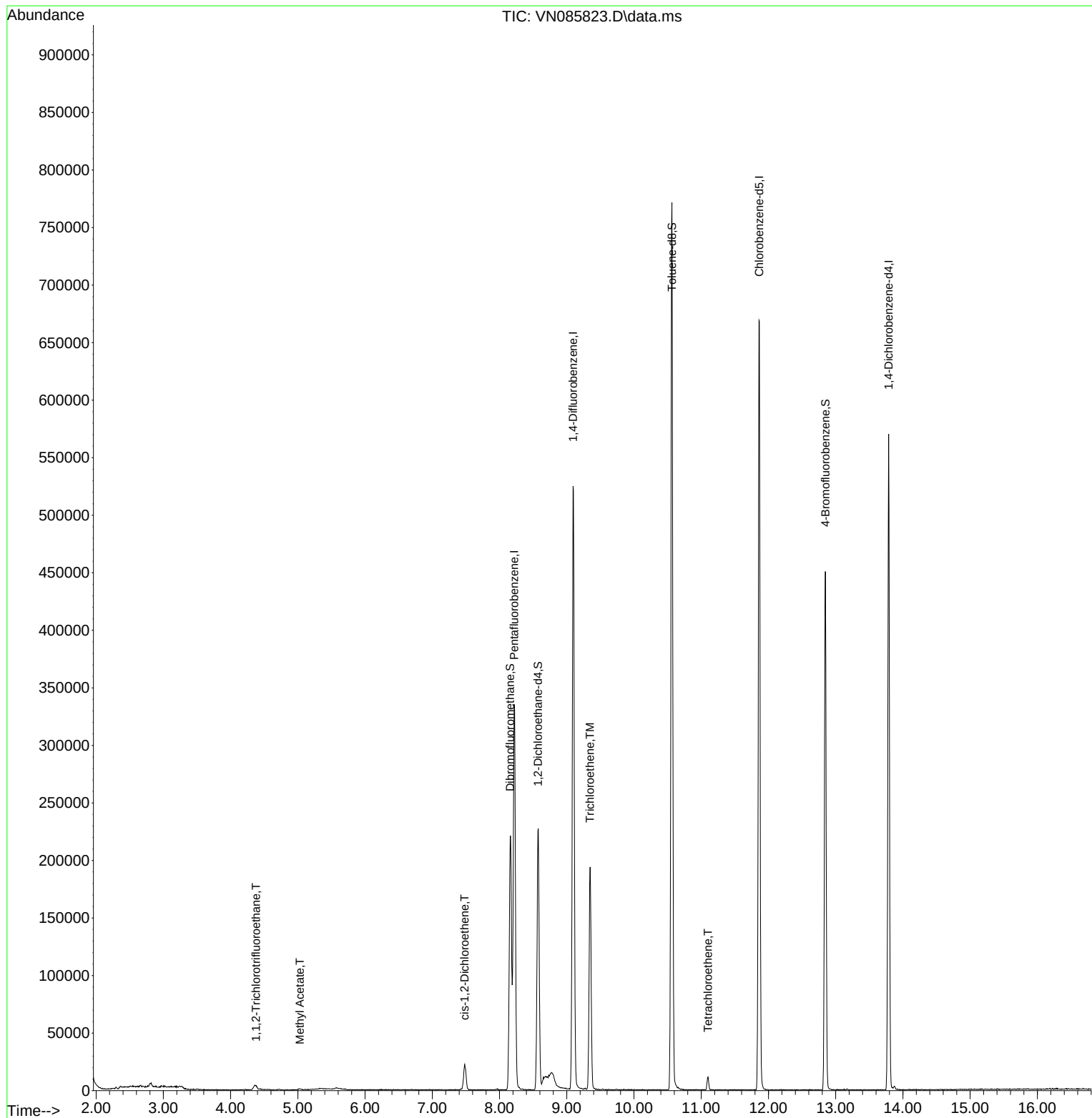
Internal Standards						
1) Pentafluorobenzene	8.218	168	246210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	467297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	407537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	161122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	186337	58.376	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.760%
35) Dibromofluoromethane	8.159	113	163417	53.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.880%
50) Toluene-d8	10.565	98	553144	49.720	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.847	95	162566	44.351	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.700%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.377	101	2998	1.007	ug/l #	86
18) Methyl Acetate	5.030	43	1939	0.558	ug/l #	75
27) cis-1,2-Dichloroethene	7.483	96	14727	4.369	ug/l	84
44) Trichloroethene	9.347	130	71876	21.106	ug/l	97
64) Tetrachloroethene	11.100	164	2884	0.913	ug/l #	88

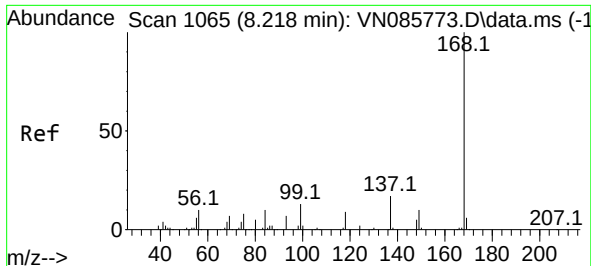
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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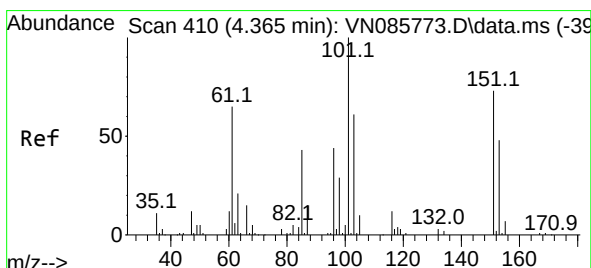
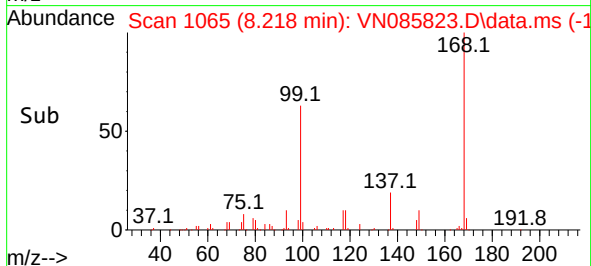
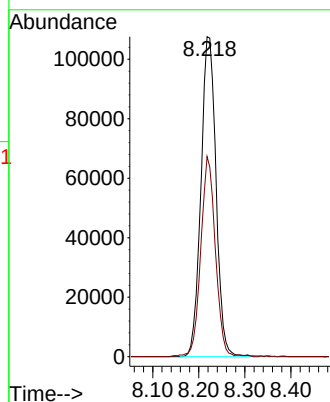
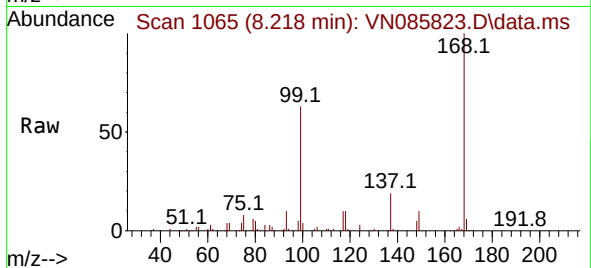




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085823.D
Acq: 21 Feb 2025 23:25

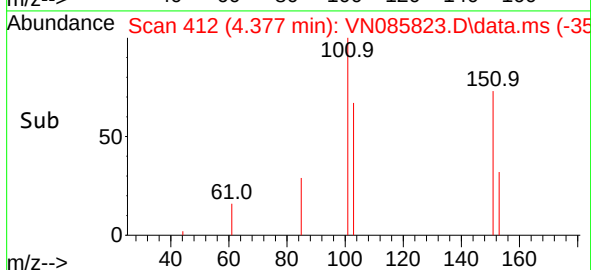
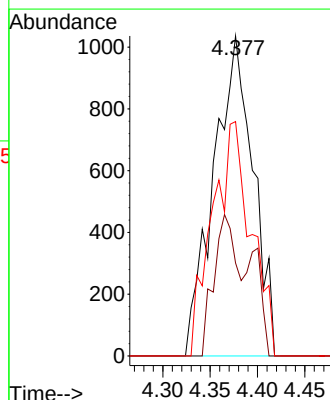
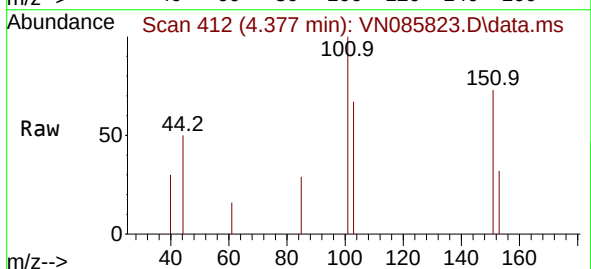
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-021325

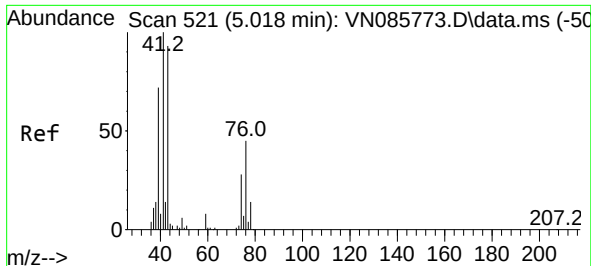
Tgt Ion:168 Resp: 246210
Ion Ratio Lower Upper
168 100
99 62.4 47.9 71.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.007 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN085823.D
Acq: 21 Feb 2025 23:25

Tgt Ion:101 Resp: 2998
Ion Ratio Lower Upper
101 100
85 26.1 35.7 53.5#
151 71.9 61.4 92.2

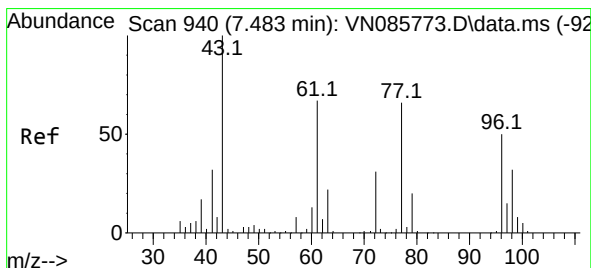
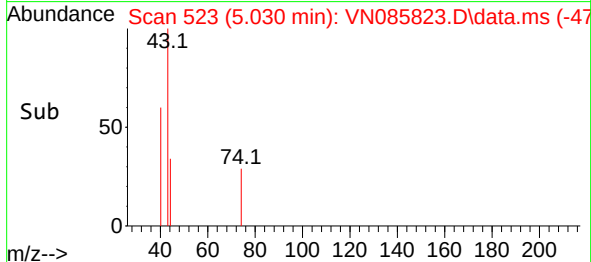
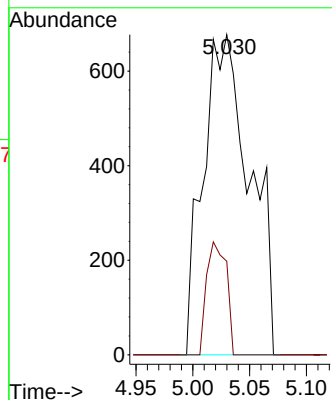
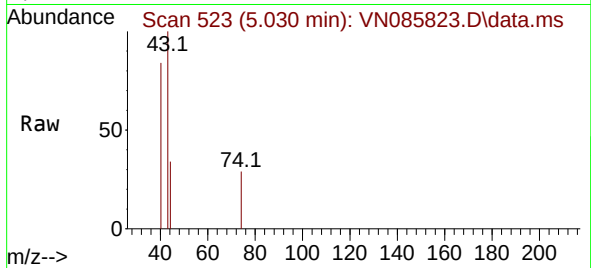




#18
Methyl Acetate
Concen: 0.558 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085823.D
Acq: 21 Feb 2025 23:25

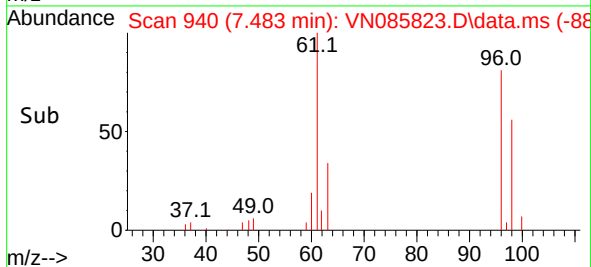
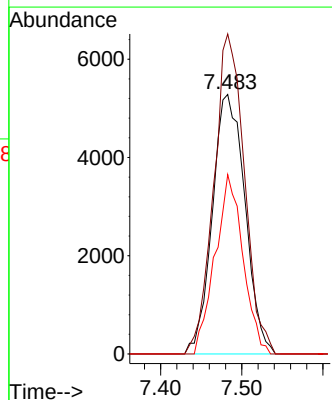
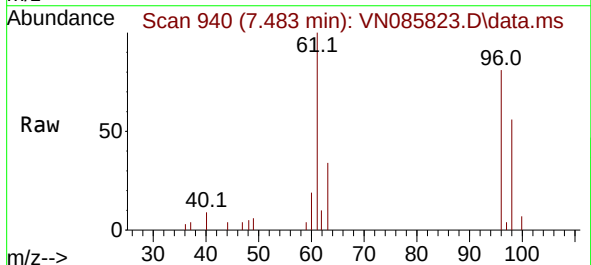
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-021325

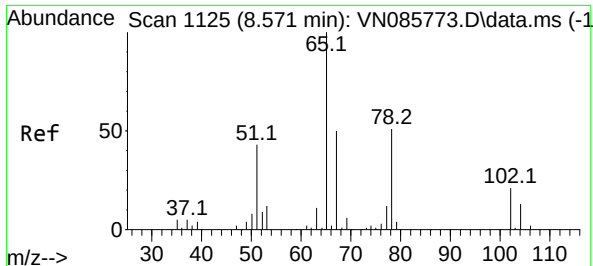
Tgt Ion: 43 Resp: 1939
Ion Ratio Lower Upper
43 100
74 14.9 22.2 33.4#



#27
cis-1,2-Dichloroethene
Concen: 4.369 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085823.D
Acq: 21 Feb 2025 23:25

Tgt Ion: 96 Resp: 14727
Ion Ratio Lower Upper
96 100
61 115.8 0.0 280.6
98 59.2 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 58.376 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085823.D

Acq: 21 Feb 2025 23:25

Instrument :

MSVOA_N

ClientSampleId :

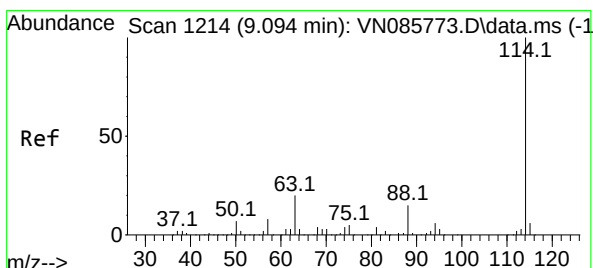
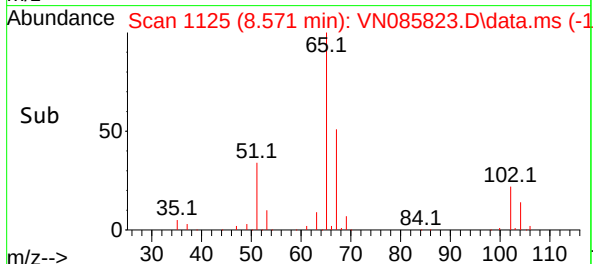
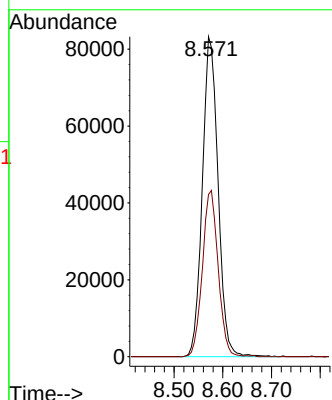
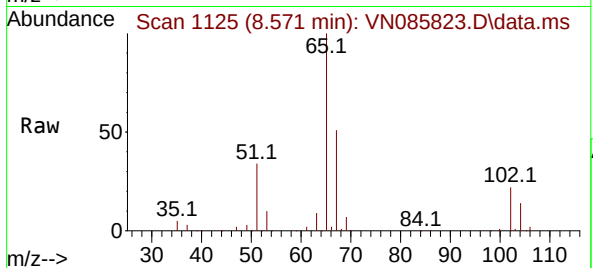
MW-20D-021325

Tgt Ion: 65 Resp: 186337

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VN085823.D

Acq: 21 Feb 2025 23:25

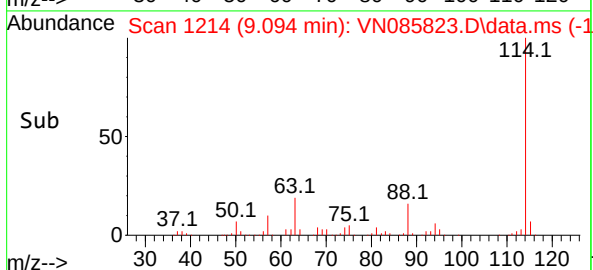
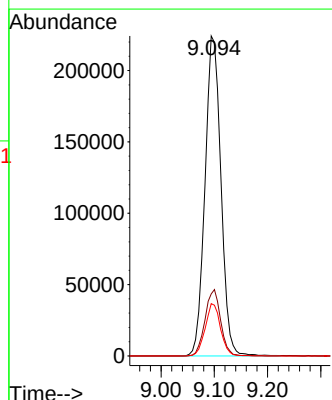
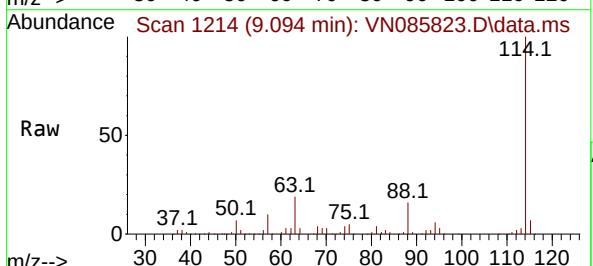
Tgt Ion: 114 Resp: 467297

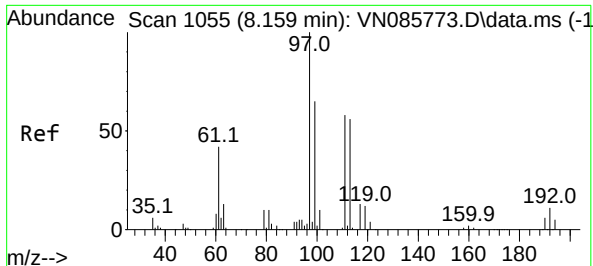
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

88 16.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 53.443 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN085823.D

Acq: 21 Feb 2025 23:25

Instrument :

MSVOA_N

ClientSampleId :

MW-20D-021325

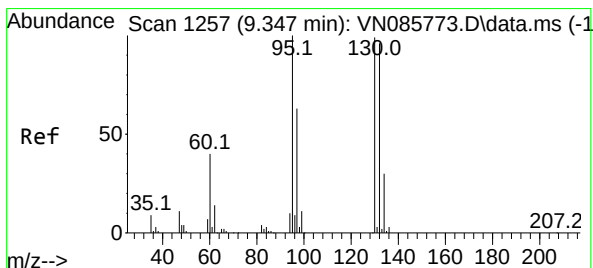
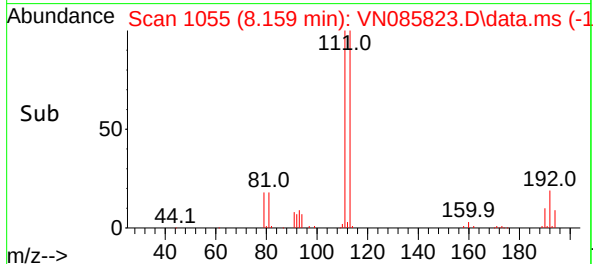
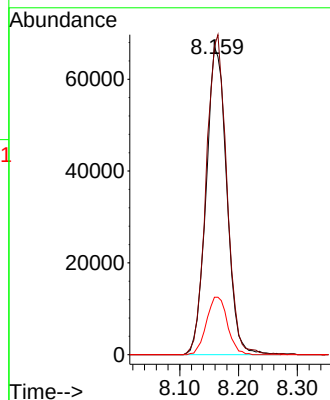
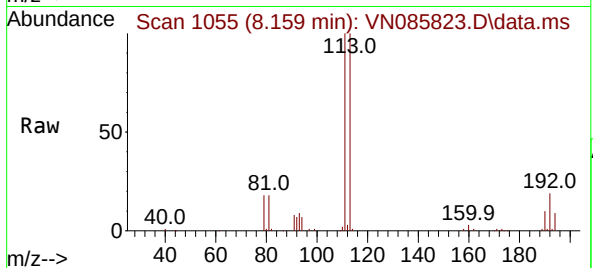
Tgt Ion:113 Resp: 163417

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 19.1 14.7 22.1



#44

Trichloroethene

Concen: 21.106 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN085823.D

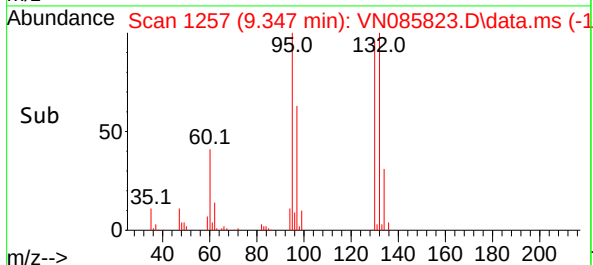
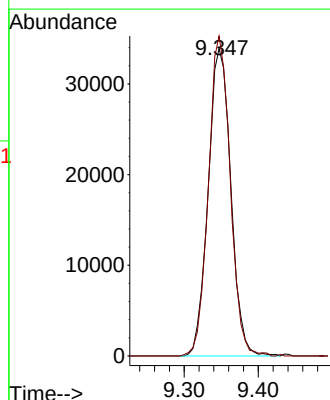
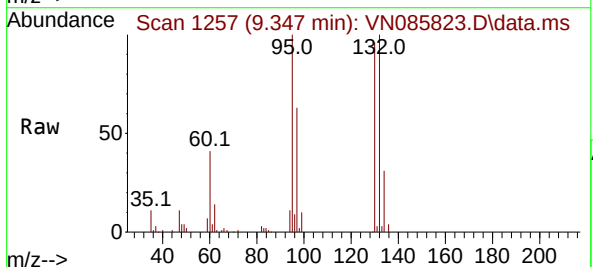
Acq: 21 Feb 2025 23:25

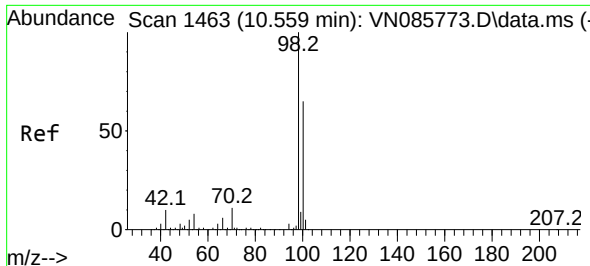
Tgt Ion:130 Resp: 71876

Ion Ratio Lower Upper

130 100

95 104.1 0.0 202.6

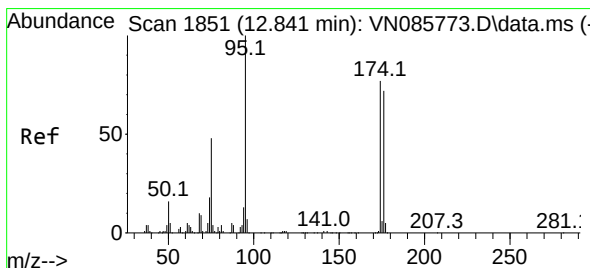
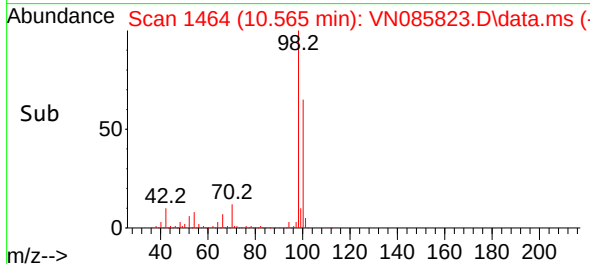
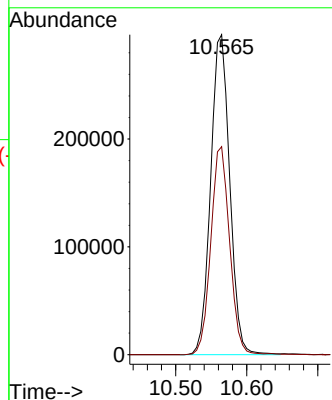
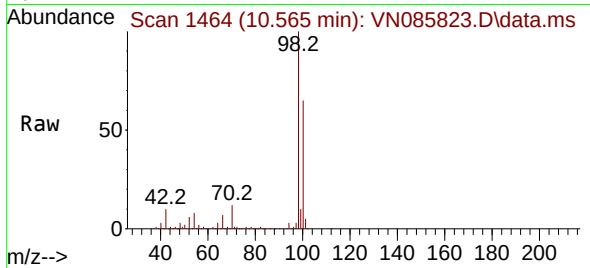




#50
Toluene-d8
Concen: 49.720 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085823.D
Acq: 21 Feb 2025 23:25

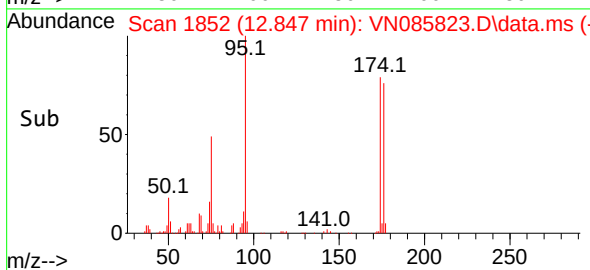
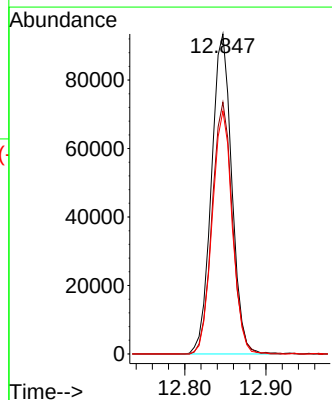
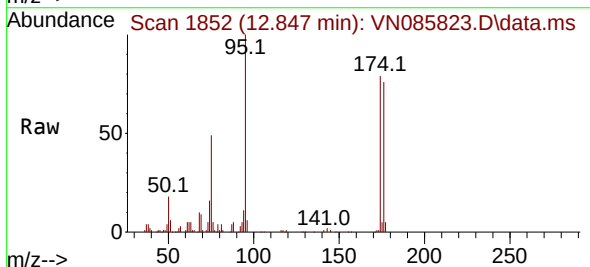
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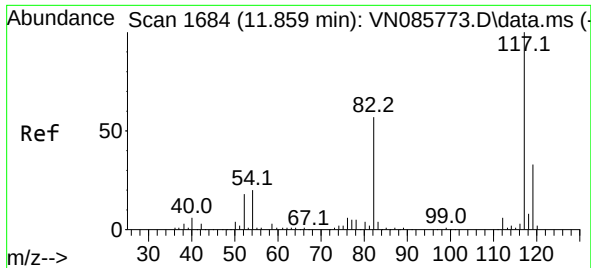
Tgt Ion: 98 Resp: 553144
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.351 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085823.D
Acq: 21 Feb 2025 23:25

Tgt Ion: 95 Resp: 162566
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.4
176 74.9 0.0 146.6

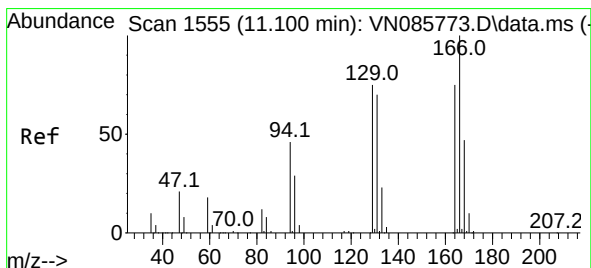
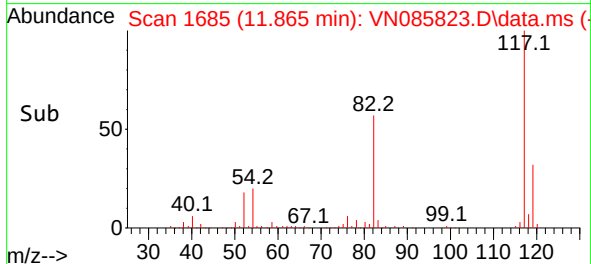
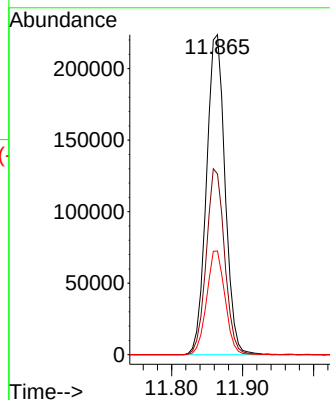
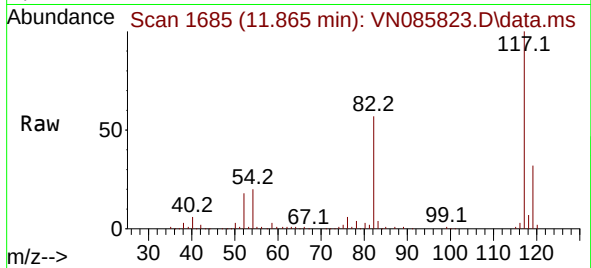




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085823.D
Acq: 21 Feb 2025 23:25

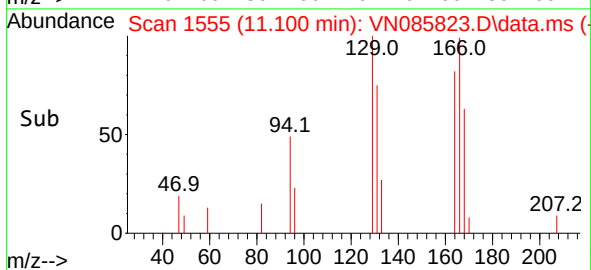
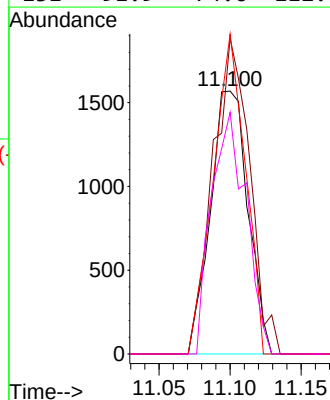
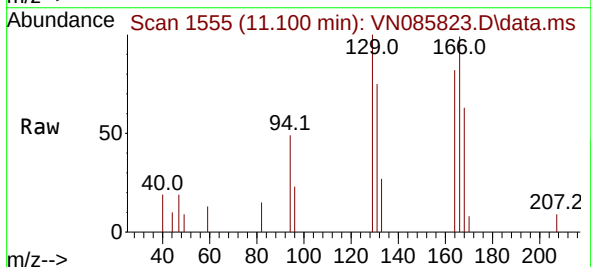
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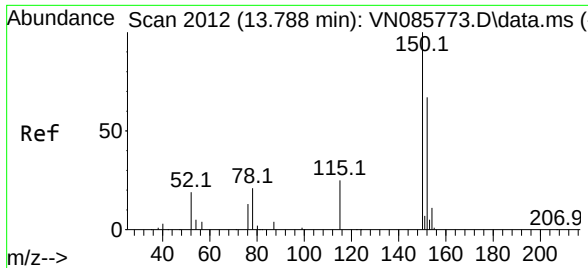
Tgt Ion:117 Resp: 407537
Ion Ratio Lower Upper
117 100
82 56.5 45.7 68.5
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 0.913 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085823.D
Acq: 21 Feb 2025 23:25

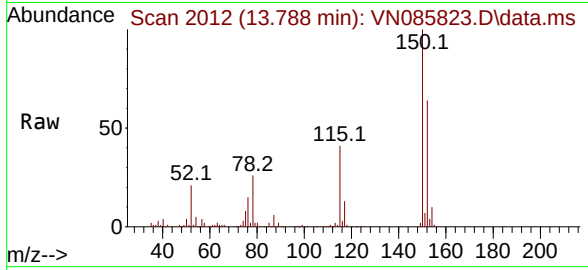
Tgt Ion:164 Resp: 2884
Ion Ratio Lower Upper
164 100
166 120.1 107.2 160.8
129 121.7 80.7 121.1#
131 91.9 74.6 112.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN085823.D
Acq: 21 Feb 2025 23:25

Instrument :
MSVOA_N
ClientSampleId :
MW-20D-021325



Tgt Ion:152 Resp: 161122
Ion Ratio Lower Upper
152 100
115 61.1 30.4 91.3
150 157.4 0.0 345.4

