

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085835.D
 Acq On : 24 Feb 2025 14:24
 Operator : JC\MD
 Sample : Q1405-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20D-021325

Quant Time: Feb 25 01:54:52 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)

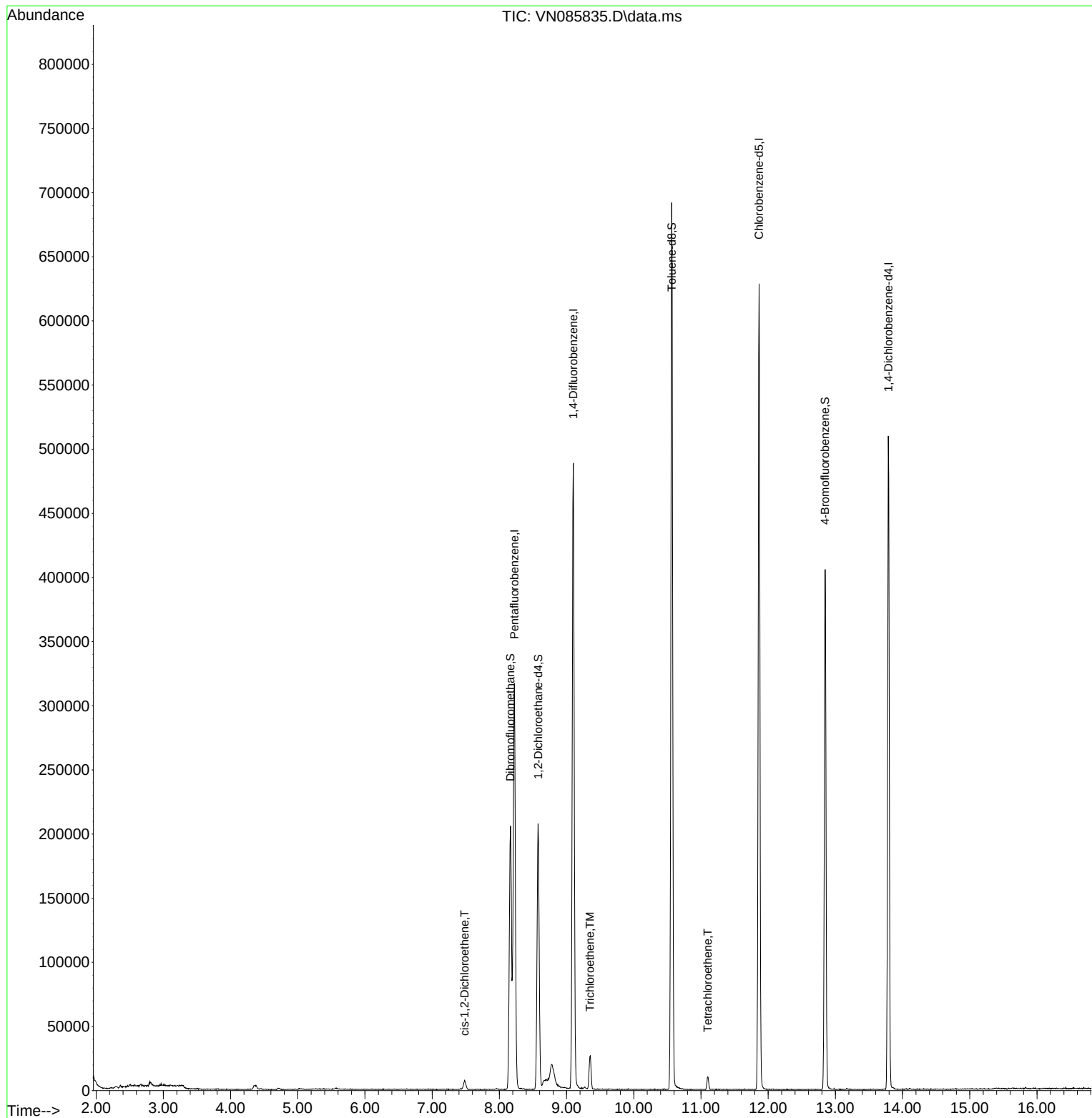
Internal Standards						
1) Pentafluorobenzene	8.224	168	225971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	429272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	376021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	166156	56.716	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.440%
35) Dibromofluoromethane	8.165	113	148168	52.749	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.500%
50) Toluene-d8	10.565	98	490388	47.984	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.960%
62) 4-Bromofluorobenzene	12.847	95	146936	43.637	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.280%
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	7.483	96	4897	1.583	ug/l	83
44) Trichloroethene	9.347	130	10367	3.314	ug/l	96
64) Tetrachloroethene	11.100	164	2812	0.965	ug/l #	74

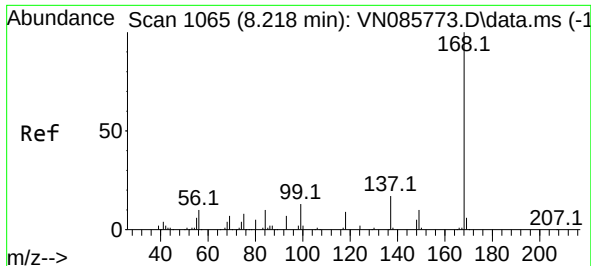
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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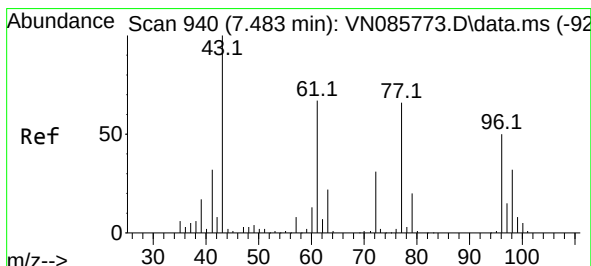
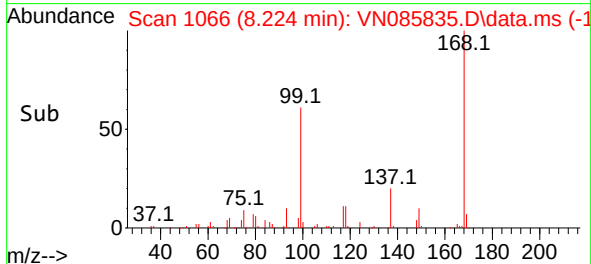
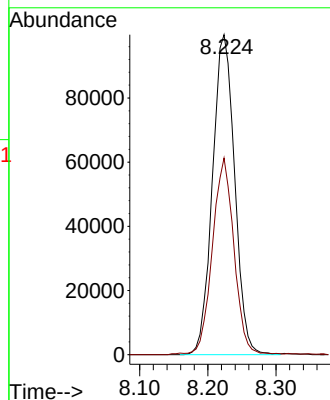
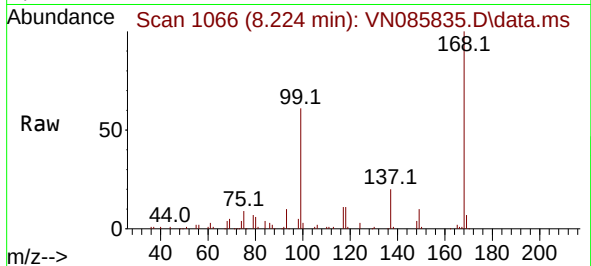




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

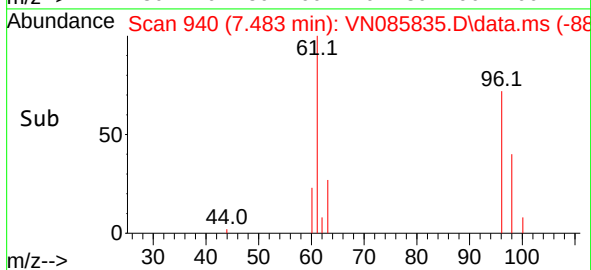
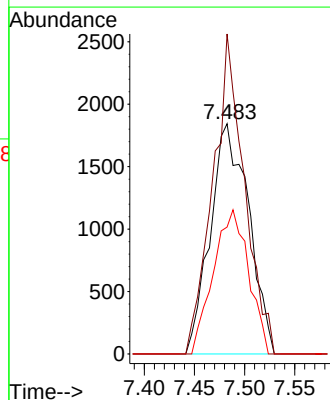
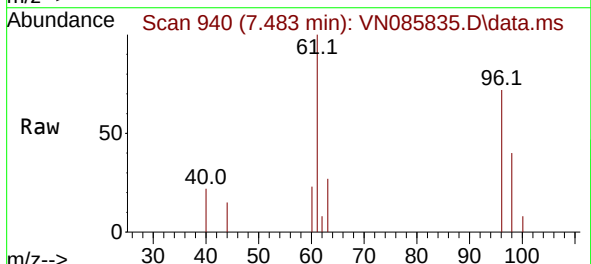
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-021325

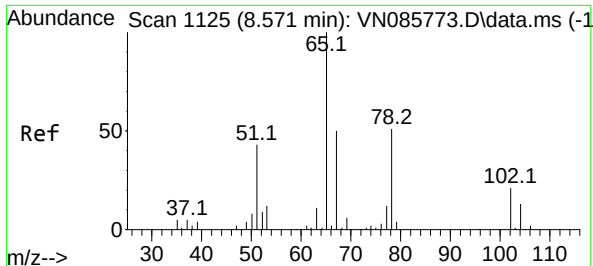
Tgt Ion:168 Resp: 225971
Ion Ratio Lower Upper
168 100
99 61.1 47.9 71.9



#27
cis-1,2-Dichloroethene
Concen: 1.583 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Tgt Ion: 96 Resp: 4897
Ion Ratio Lower Upper
96 100
61 114.6 0.0 280.6
98 57.6 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 56.716 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085835.D

Acq: 24 Feb 2025 14:24

Instrument :

MSVOA_N

ClientSampleId :

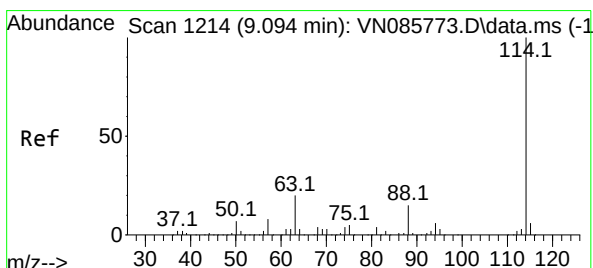
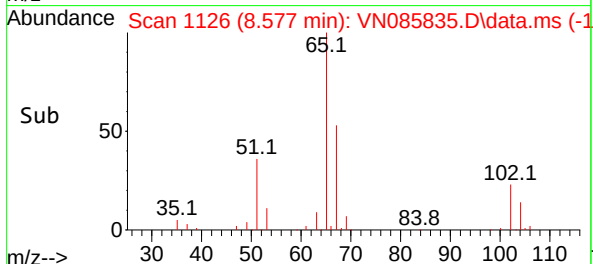
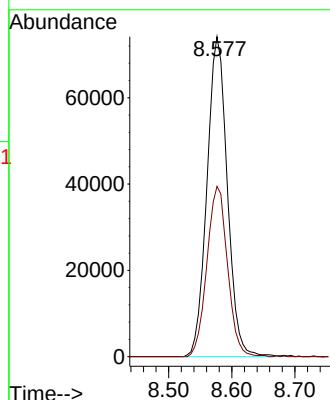
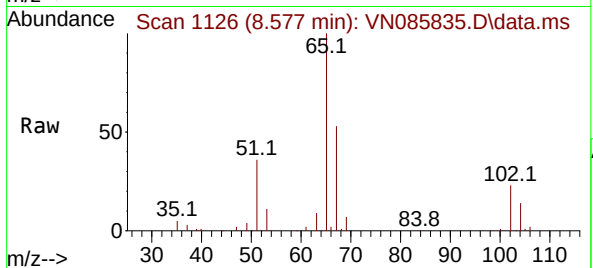
MW-20D-021325

Tgt Ion: 65 Resp: 166156

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085835.D

Acq: 24 Feb 2025 14:24

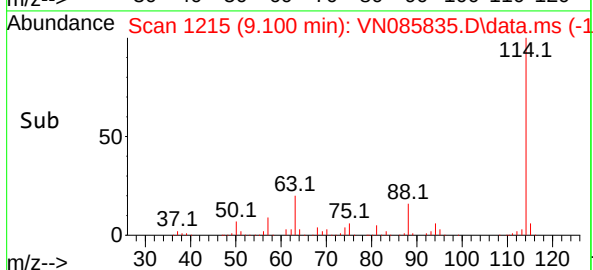
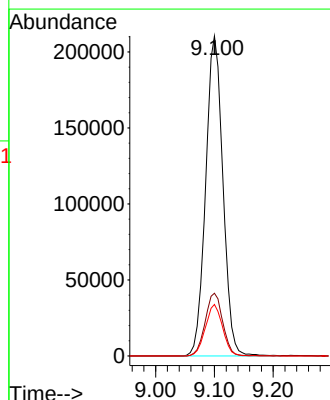
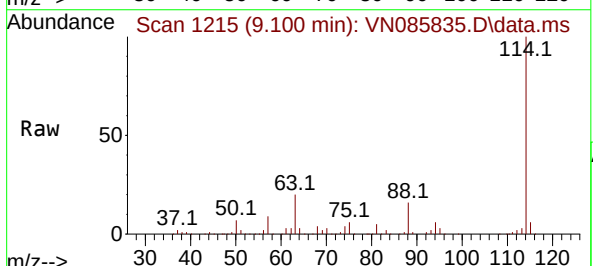
Tgt Ion: 114 Resp: 429272

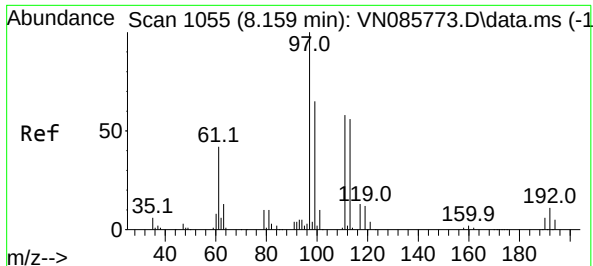
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 16.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.749 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085835.D

Acq: 24 Feb 2025 14:24

Instrument :

MSVOA_N

ClientSampleId :

MW-20D-021325

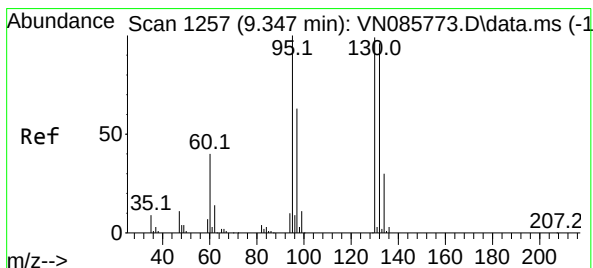
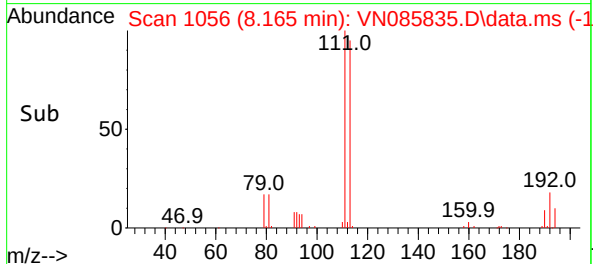
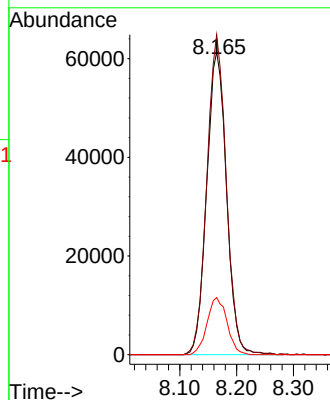
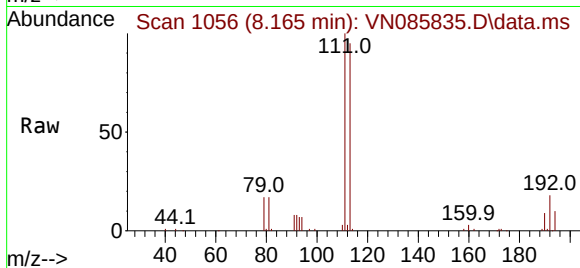
Tgt Ion:113 Resp: 148168

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 19.0 14.7 22.1



#44

Trichloroethene

Concen: 3.314 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN085835.D

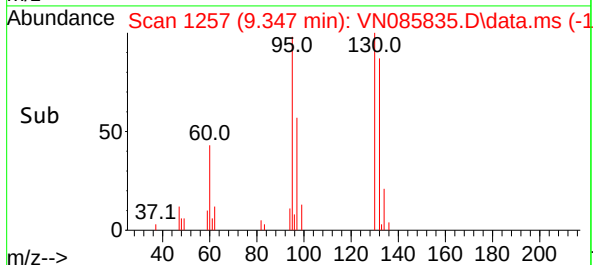
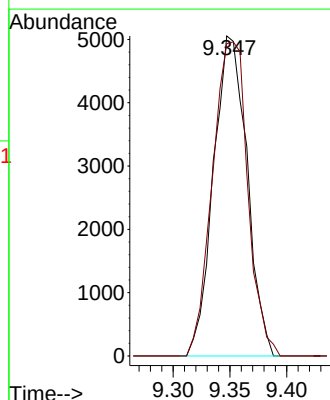
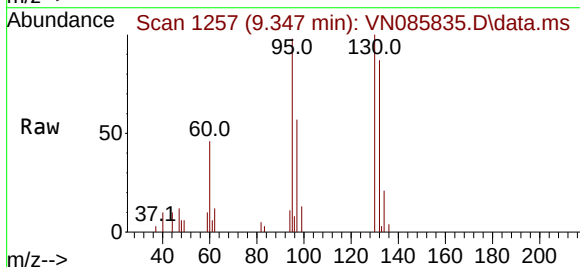
Acq: 24 Feb 2025 14:24

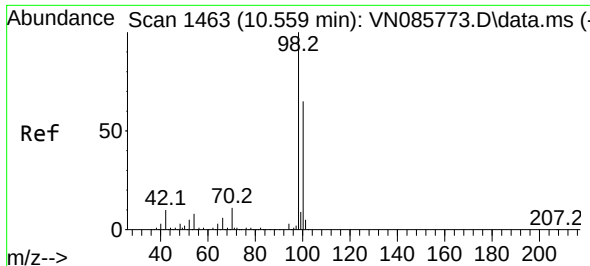
Tgt Ion:130 Resp: 10367

Ion Ratio Lower Upper

130 100

95 97.6 0.0 202.6

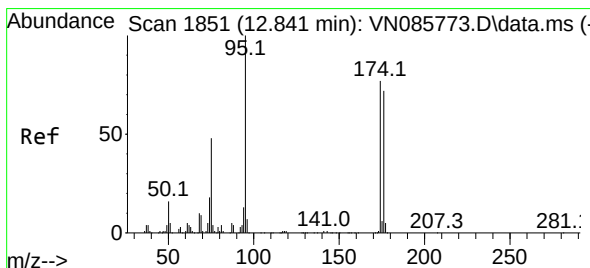
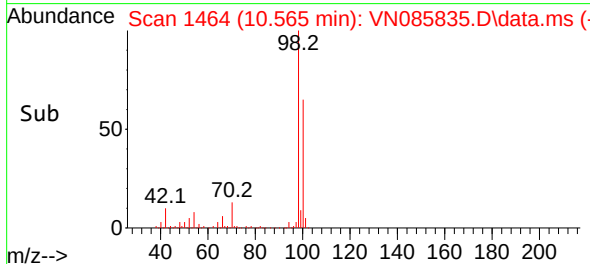
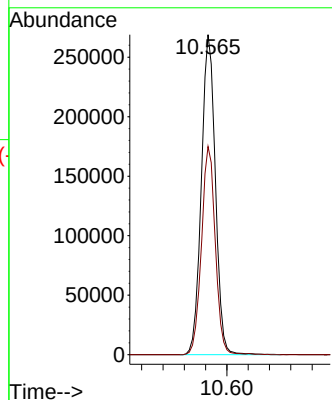
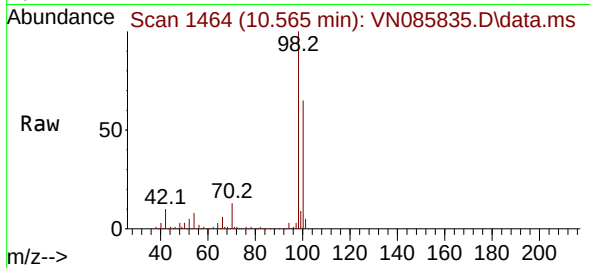




#50
Toluene-d8
Concen: 47.984 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

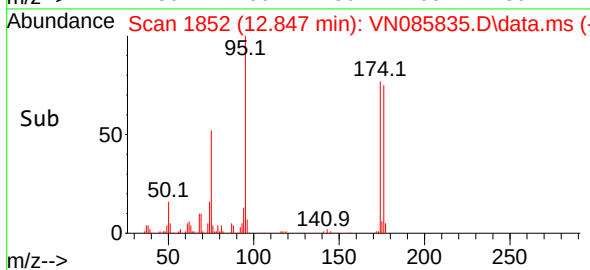
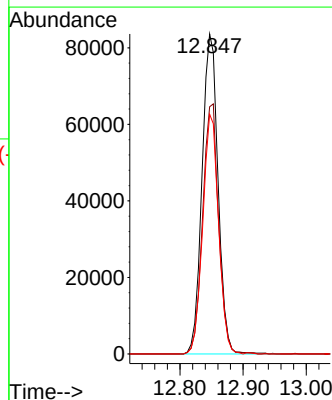
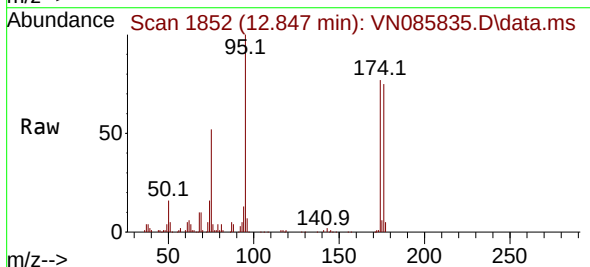
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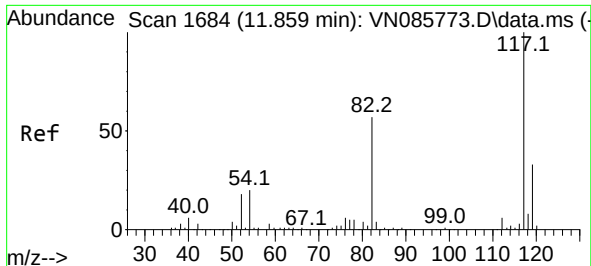
Tgt Ion: 98 Resp: 490388
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.637 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Tgt Ion: 95 Resp: 146936
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.4
176 74.1 0.0 146.6

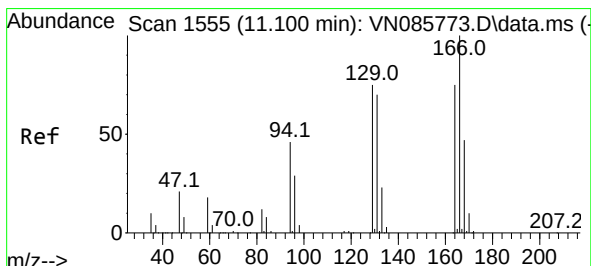
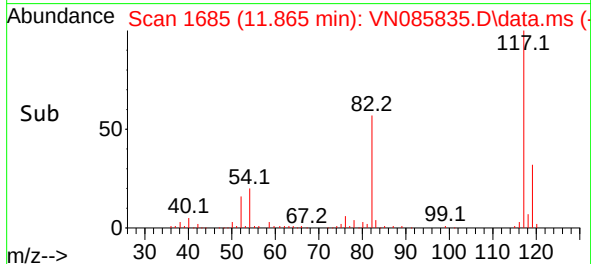
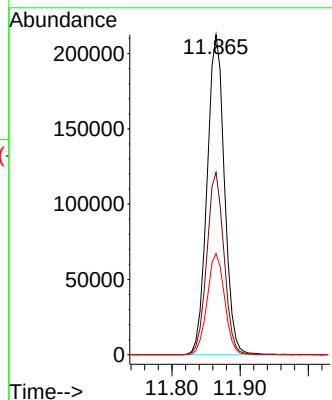
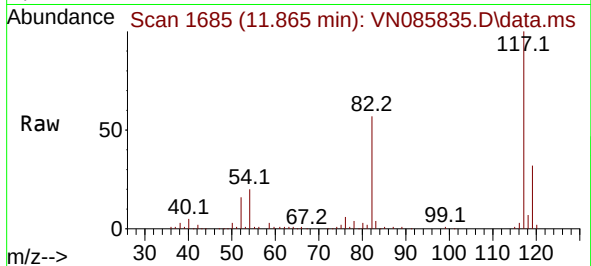




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

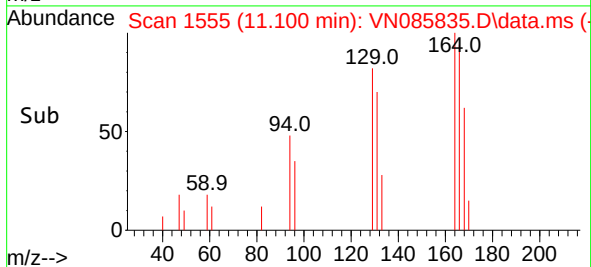
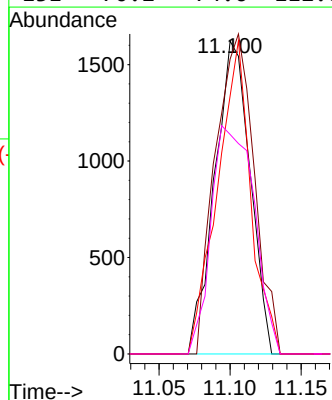
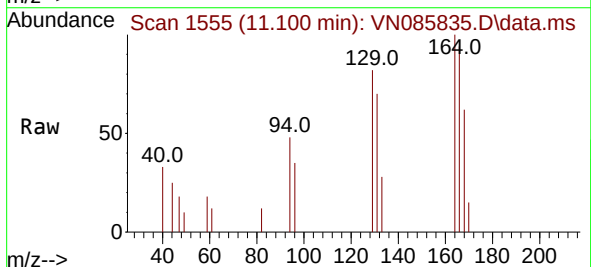
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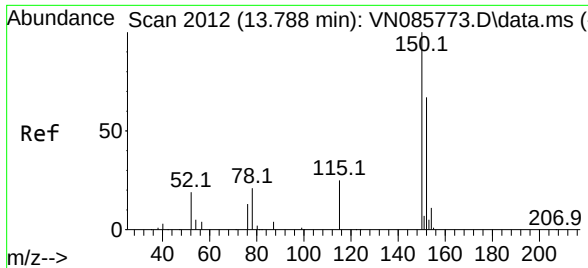
Tgt Ion:117 Resp: 376021
Ion Ratio Lower Upper
117 100
82 56.9 45.7 68.5
119 31.6 26.2 39.2



#64
Tetrachloroethene
Concen: 0.965 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085835.D
Acq: 24 Feb 2025 14:24

Tgt Ion:164 Resp: 2812
Ion Ratio Lower Upper
164 100
166 94.3 107.2 160.8#
129 82.5 80.7 121.1
131 70.2 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: VN085835.D
 Acq: 24 Feb 2025 14:24

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20D-021325

Tgt Ion:152 Resp: 144563
 Ion Ratio Lower Upper
 152 100
 115 60.2 30.4 91.3
 150 159.9 0.0 345.4

