

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085841.D
 Acq On : 24 Feb 2025 16:50
 Operator : JC\MD
 Sample : Q1405-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11R-021325

Quant Time: Feb 25 01:57:24 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)

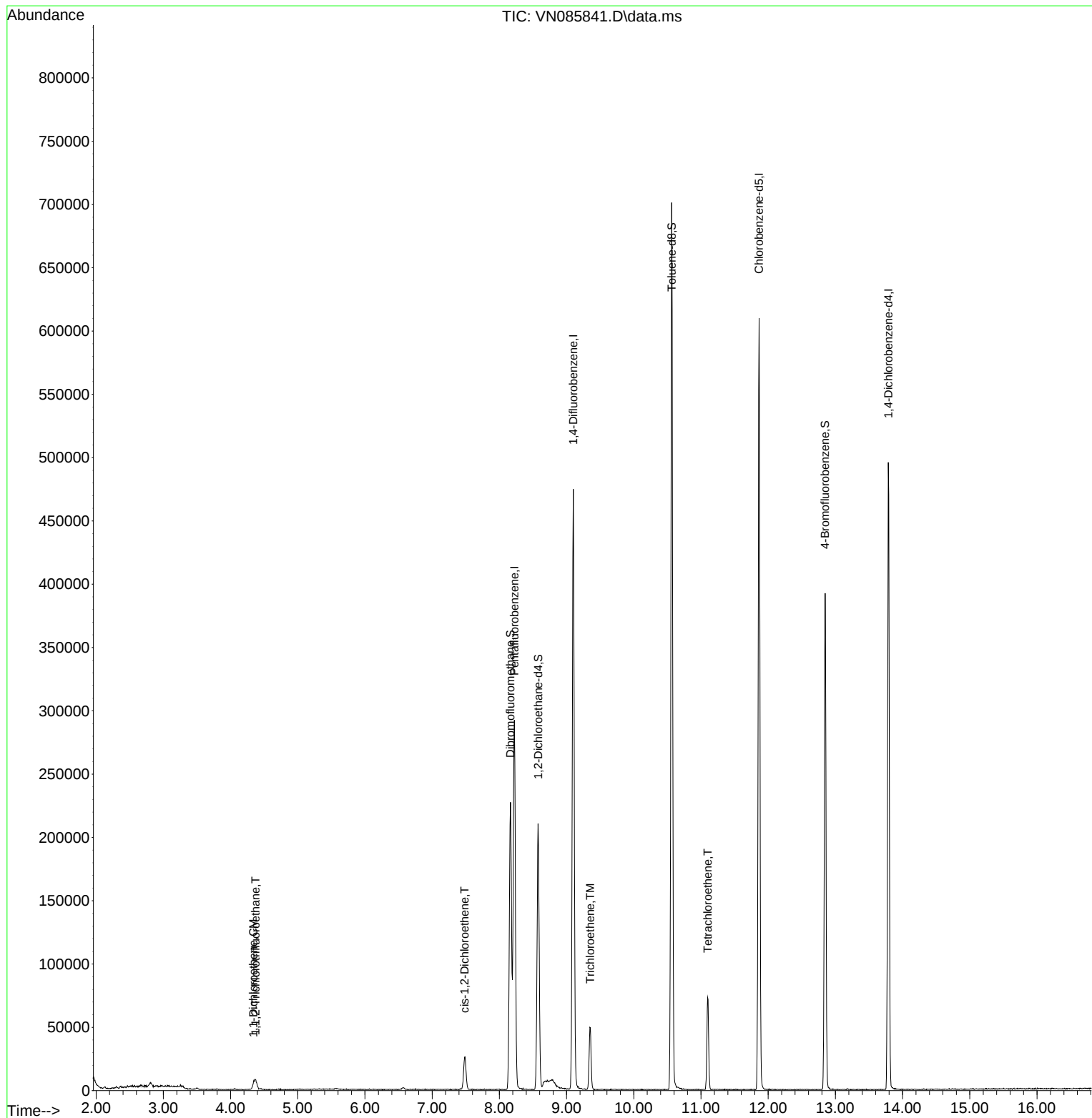
Internal Standards						
1) Pentafluorobenzene	8.224	168	213669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	408077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	364577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168195	60.717	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.440%	
35) Dibromofluoromethane	8.165	113	146962	55.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.080%	
50) Toluene-d8	10.565	98	482530	49.667	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.340%	
62) 4-Bromofluorobenzene	12.847	95	141088	44.077	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.160%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.371	101	5248	2.031	ug/l	97
12) 1,1-Dichloroethene	4.342	96	2618	1.117	ug/l	94
27) cis-1,2-Dichloroethene	7.483	96	16462	5.627	ug/l	89
44) Trichloroethene	9.353	130	19090	6.419	ug/l	96
64) Tetrachloroethene	11.100	164	17752	6.285	ug/l	92

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

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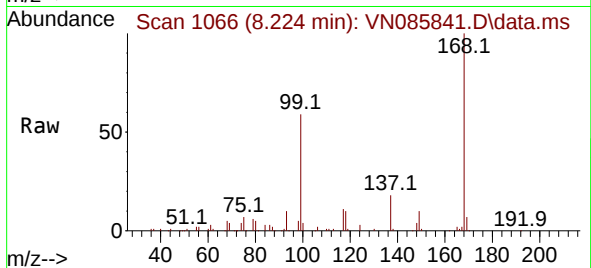
Quant Time: Feb 25 01:57:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
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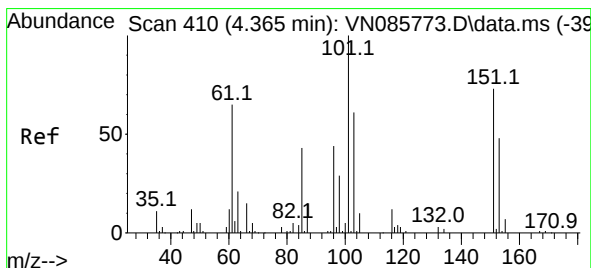
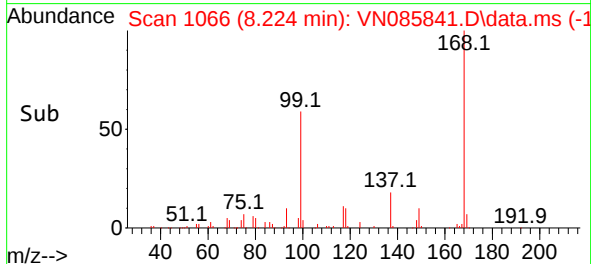
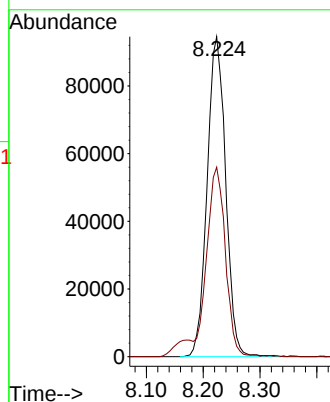


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085841.D
Acq: 24 Feb 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :
MW-11R-021325

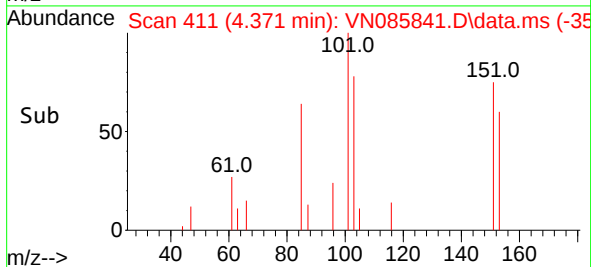
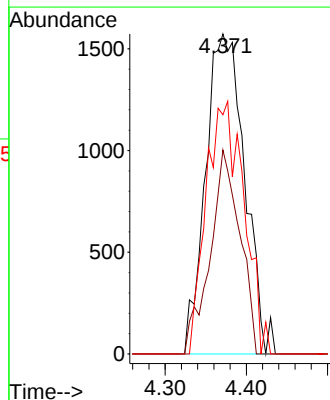
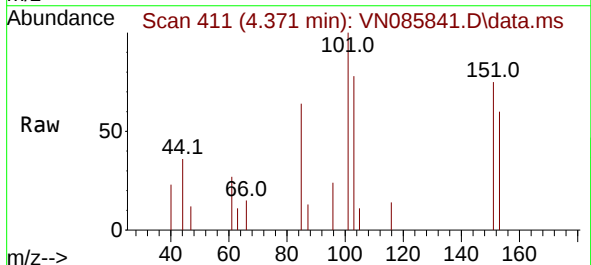


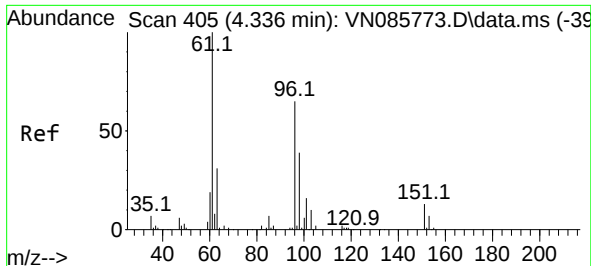
Tgt Ion:168 Resp: 213669
Ion Ratio Lower Upper
168 100
99 59.0 47.9 71.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.031 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085841.D
Acq: 24 Feb 2025 16:50

Tgt Ion:101 Resp: 5248
Ion Ratio Lower Upper
101 100
85 48.8 35.7 53.5
151 76.6 61.4 92.2





#12

1,1-Dichloroethene

Concen: 1.117 ug/l

RT: 4.342 min Scan# 405

Delta R.T. 0.006 min

Lab File: VN085841.D

Acq: 24 Feb 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

MW-11R-021325

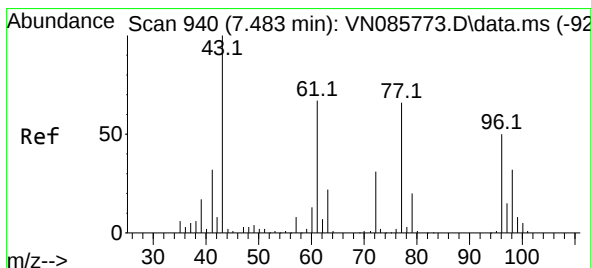
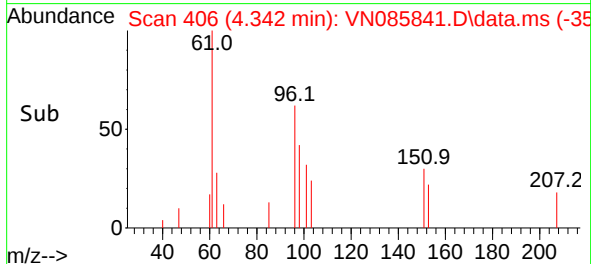
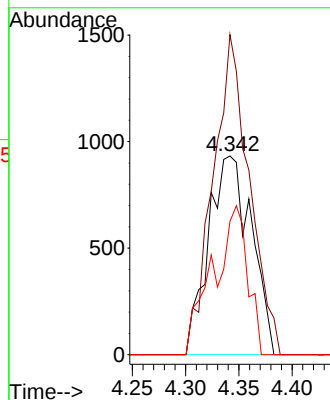
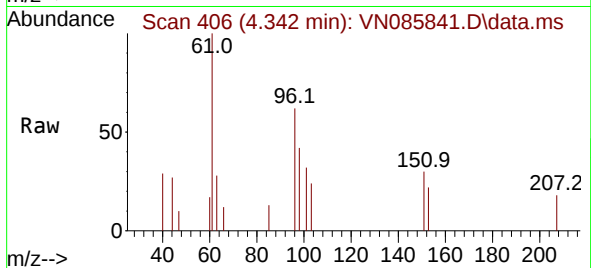
Tgt Ion: 96 Resp: 2618

Ion Ratio Lower Upper

96 100

61 161.0 123.3 184.9

98 67.1 48.6 72.8



#27

cis-1,2-Dichloroethene

Concen: 5.627 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN085841.D

Acq: 24 Feb 2025 16:50

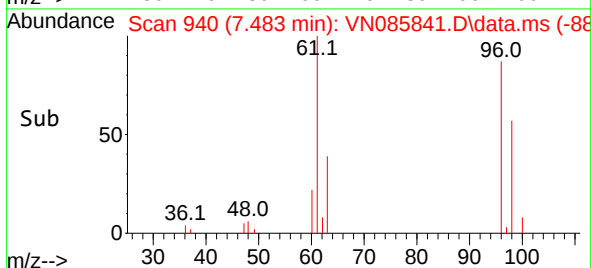
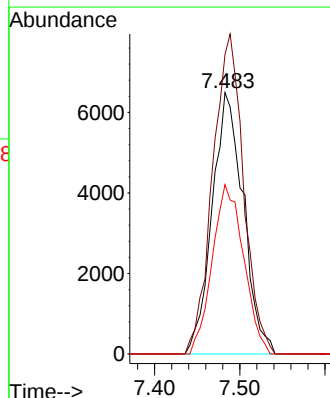
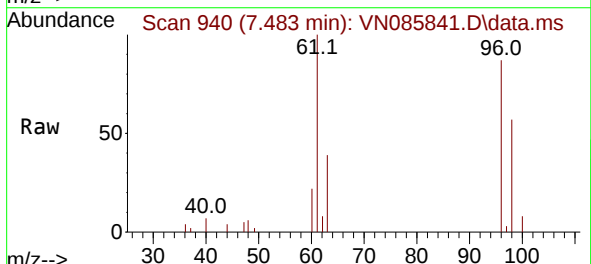
Tgt Ion: 96 Resp: 16462

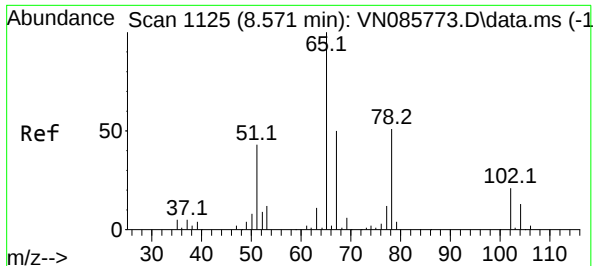
Ion Ratio Lower Upper

96 100

61 121.5 0.0 280.6

98 65.3 0.0 128.6





#33

1,2-Dichloroethane-d4

Concen: 60.717 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085841.D

Acq: 24 Feb 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

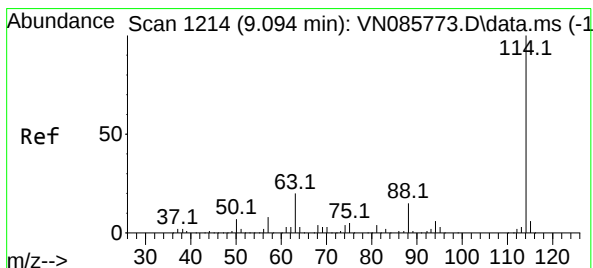
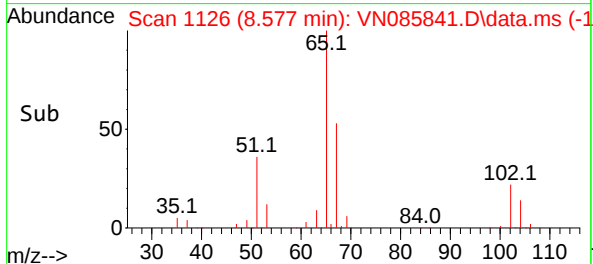
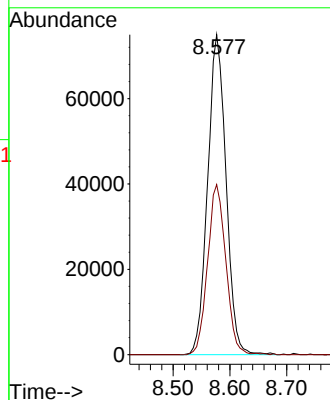
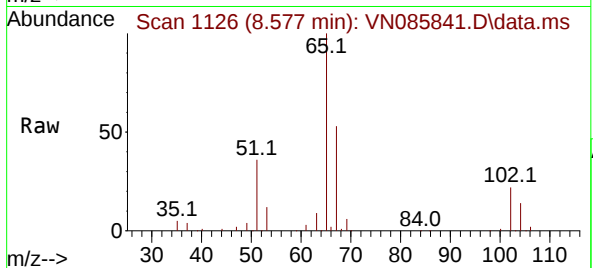
MW-11R-021325

Tgt Ion: 65 Resp: 168195

Ion Ratio Lower Upper

65 100

67 52.9 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: VN085841.D

Acq: 24 Feb 2025 16:50

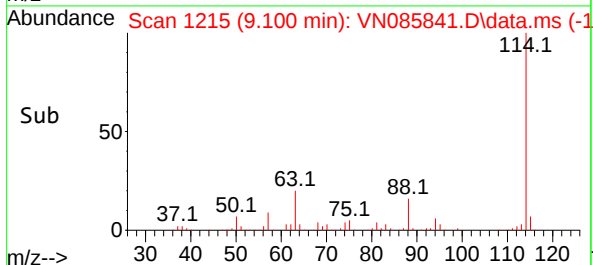
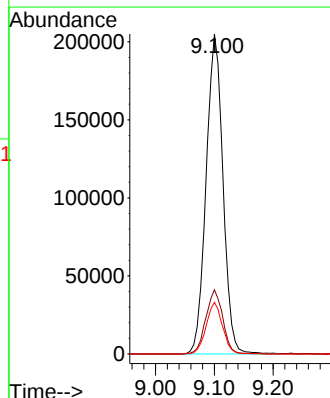
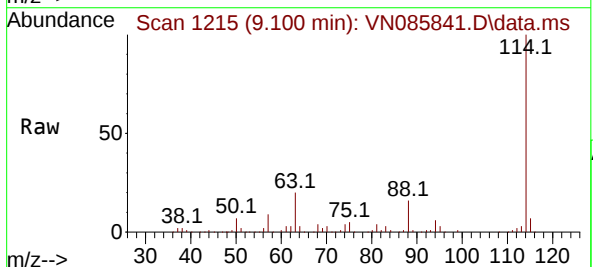
Tgt Ion: 114 Resp: 408077

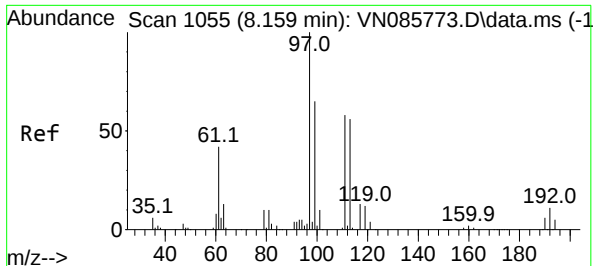
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

88 16.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 55.037 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085841.D

Acq: 24 Feb 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

MW-11R-021325

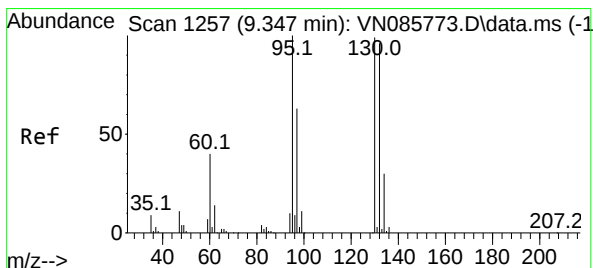
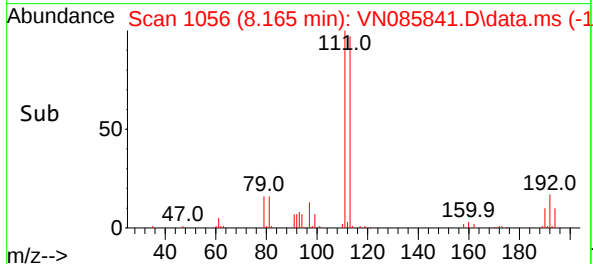
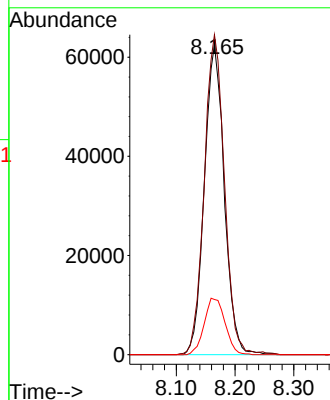
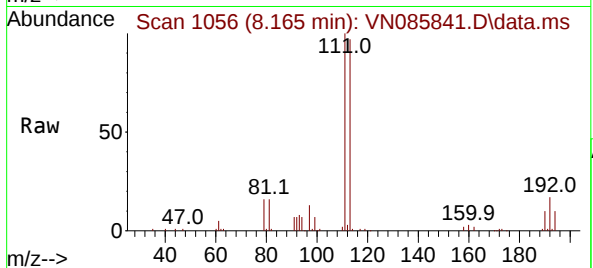
Tgt Ion:113 Resp: 146962

Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 19.1 14.7 22.1



#44

Trichloroethene

Concen: 6.419 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN085841.D

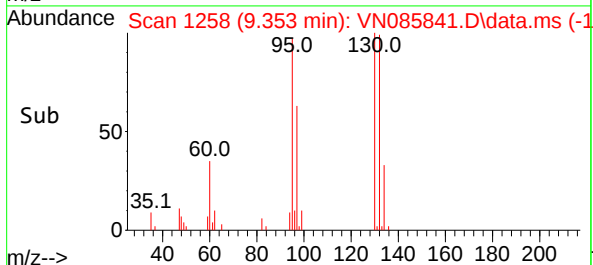
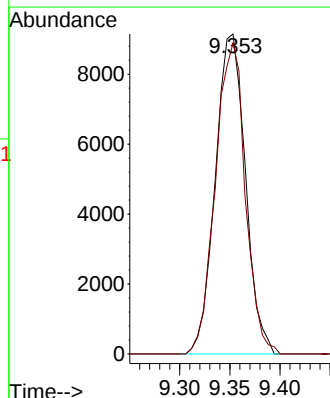
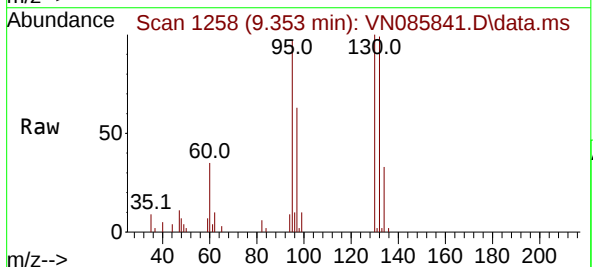
Acq: 24 Feb 2025 16:50

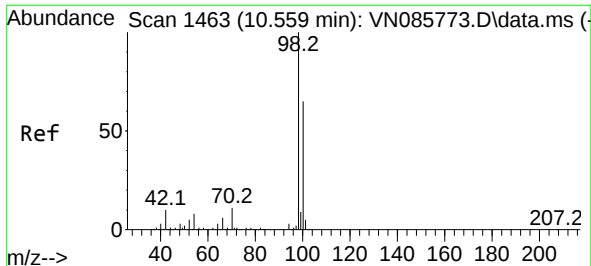
Tgt Ion:130 Resp: 19090

Ion Ratio Lower Upper

130 100

95 97.1 0.0 202.6

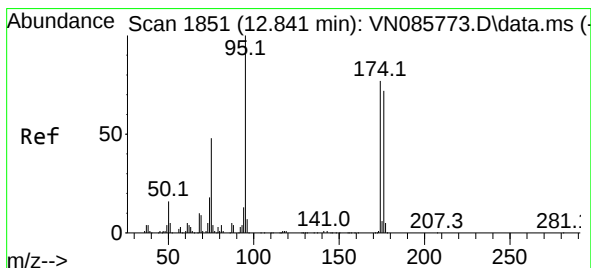
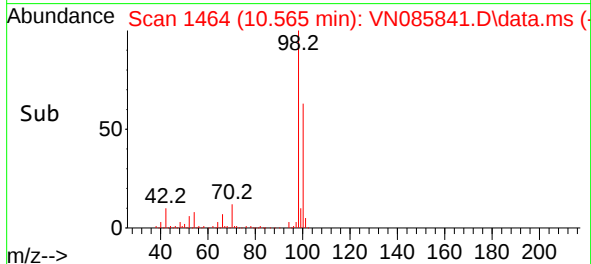
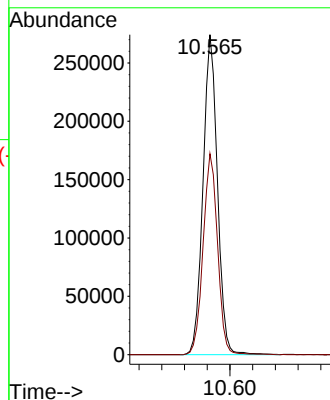
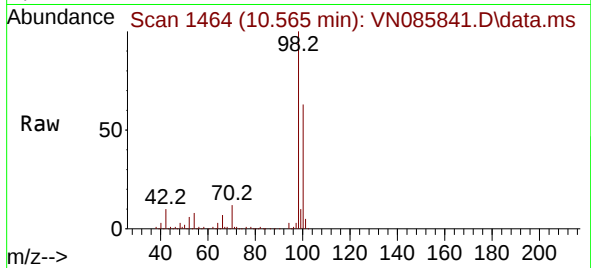




#50
Toluene-d8
Concen: 49.667 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085841.D
Acq: 24 Feb 2025 16:50

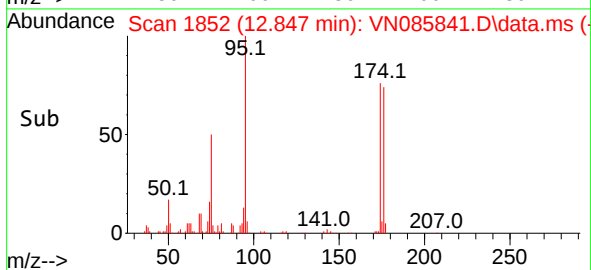
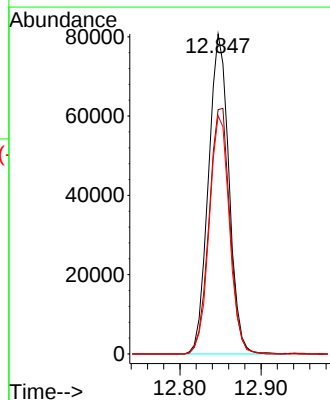
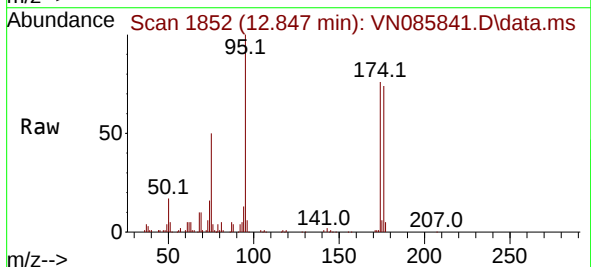
Instrument :
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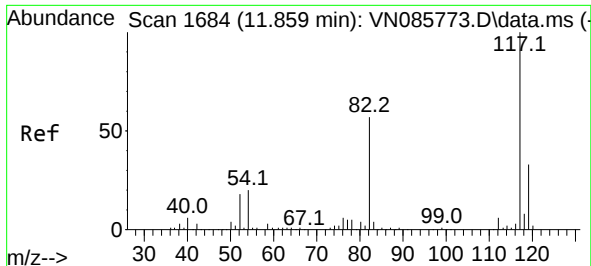
Tgt Ion: 98 Resp: 482530
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.077 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085841.D
Acq: 24 Feb 2025 16:50

Tgt Ion: 95 Resp: 141088
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.4
176 73.5 0.0 146.6

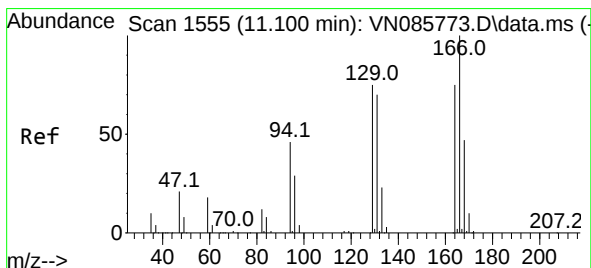
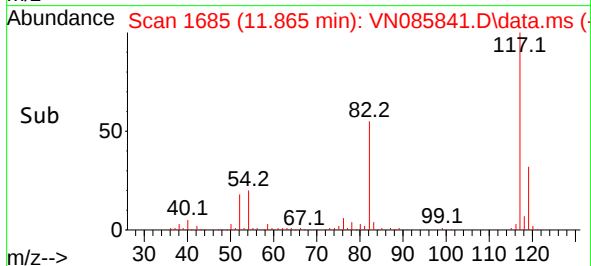
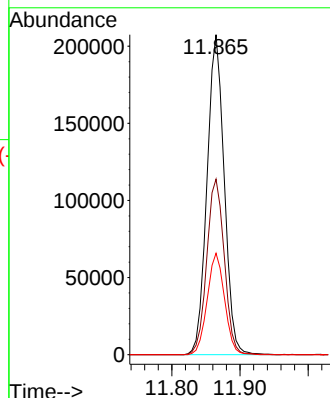
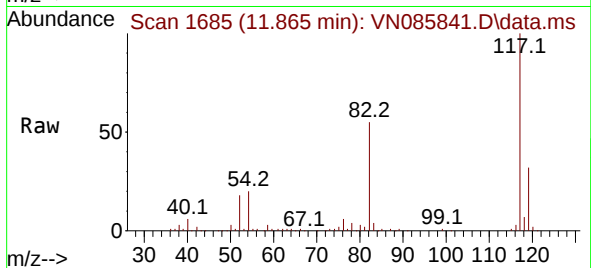




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085841.D
Acq: 24 Feb 2025 16:50

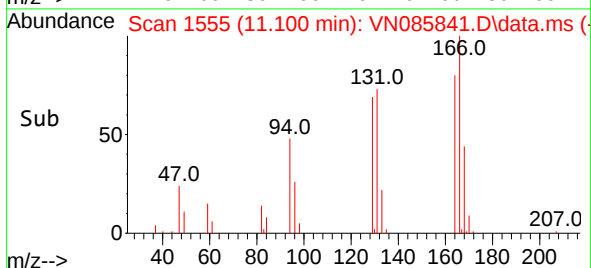
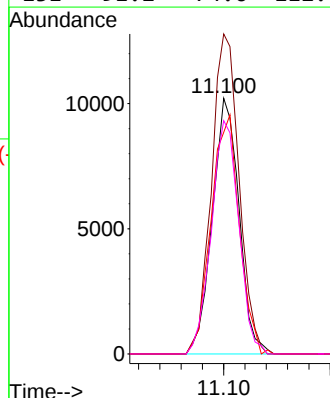
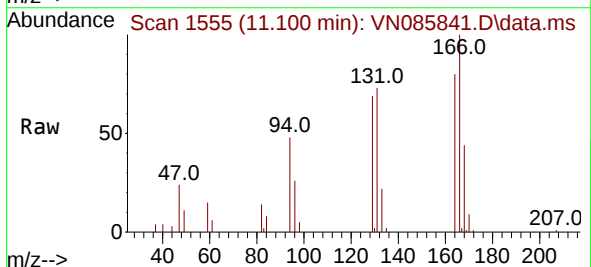
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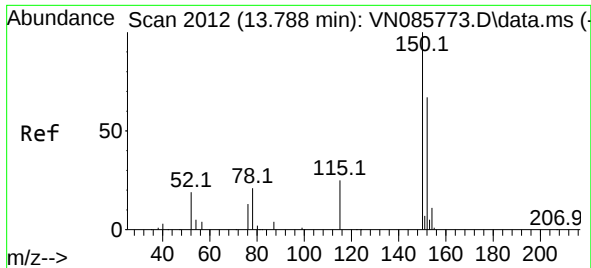
Tgt Ion:117 Resp: 364577
Ion Ratio Lower Upper
117 100
82 54.8 45.7 68.5
119 31.7 26.2 39.2



#64
Tetrachloroethene
Concen: 6.285 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085841.D
Acq: 24 Feb 2025 16:50

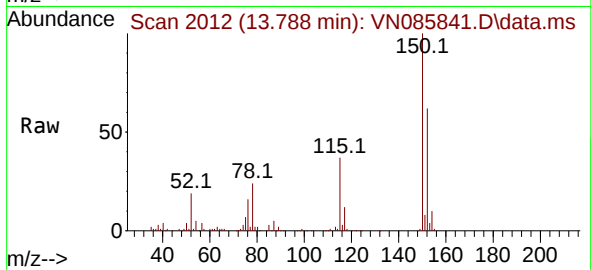
Tgt Ion:164 Resp: 17752
Ion Ratio Lower Upper
164 100
166 125.2 107.2 160.8
129 86.7 80.7 121.1
131 91.2 74.6 112.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085841.D
 Acq: 24 Feb 2025 16:50

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11R-021325



Tgt Ion:152 Resp: 143066
 Ion Ratio Lower Upper
 152 100
 115 60.2 30.4 91.3
 150 155.9 0.0 345.4

