

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013025\
 Data File : VN085583.D
 Acq On : 30 Jan 2025 16:42
 Operator : JC\MD
 Sample : Q1211-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TAPHHA-MW01-012825-00-T4

Quant Time: Jan 31 02:37:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

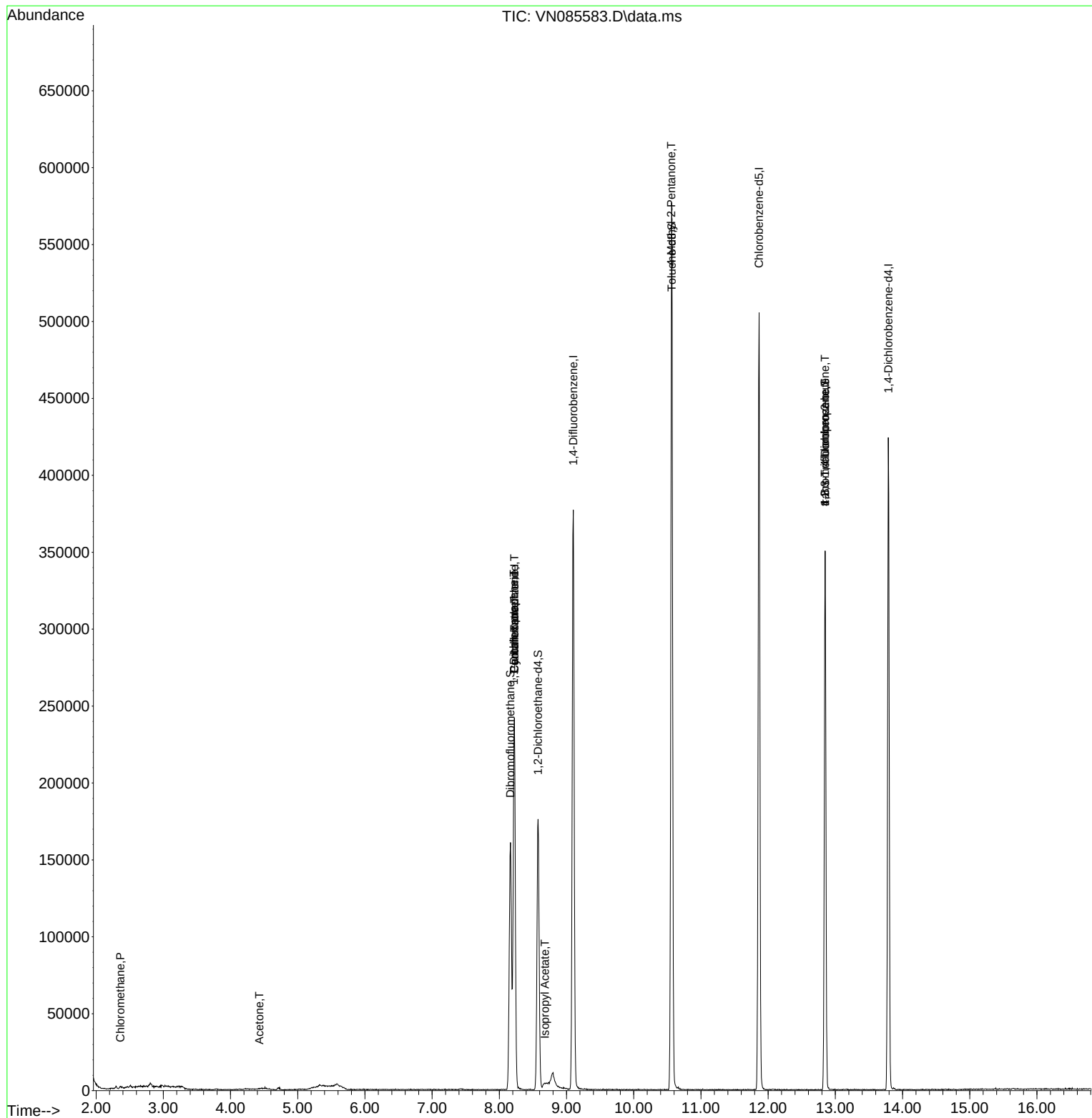
Internal Standards						
1) Pentafluorobenzene	8.224	168	161216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149682	57.518	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.040%	
35) Dibromofluoromethane	8.165	113	115050	53.991	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.980%	
50) Toluene-d8	10.565	98	375322	49.573	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.140%	
62) 4-Bromofluorobenzene	12.847	95	114559	44.233	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	746	0.316	ug/l #	41
16) Acetone	4.430	43	511	0.608	ug/l #	45
31) Cyclohexane	8.224	56	4589	1.389	ug/l #	25
36) 1,1-Dichloropropene	8.218	75	15641	5.230	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18373	5.366	ug/l #	17
43) Isopropyl Acetate	8.677	43	3716	0.768	ug/l #	55
51) 4-Methyl-2-Pentanone	10.559	43	1949	0.694	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	62607	28.926	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62607	78.262	ug/l #	3

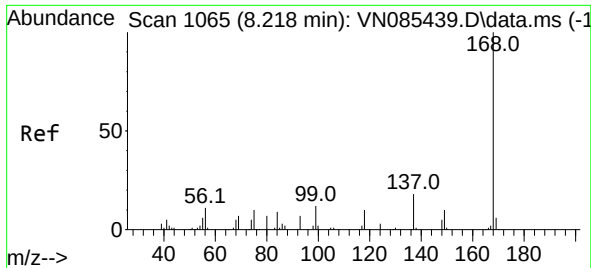
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

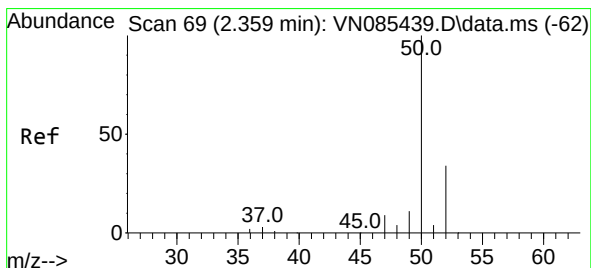
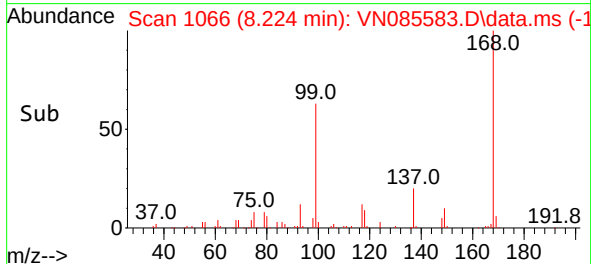
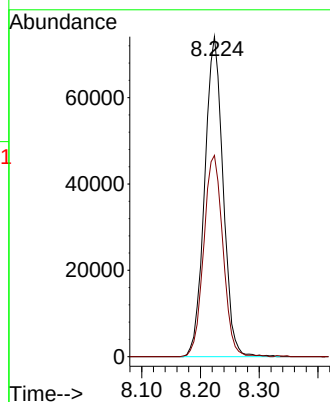
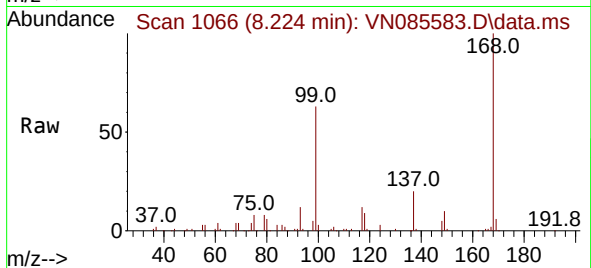




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN085583.D
Acq: 30 Jan 2025 16:42

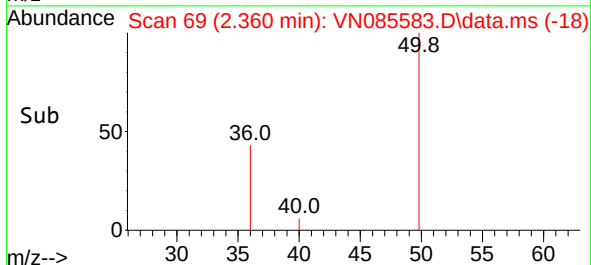
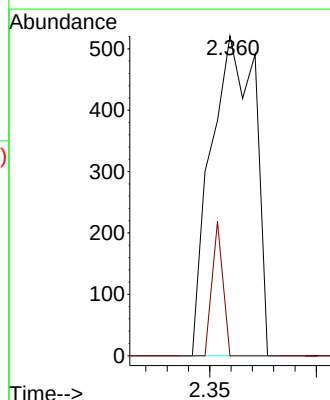
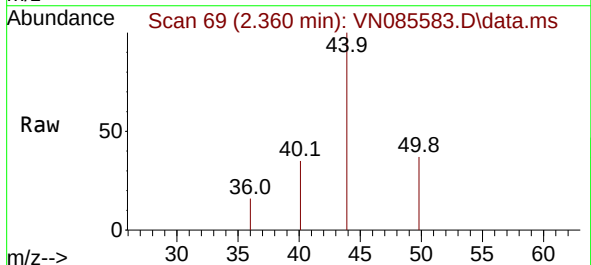
Instrument :
MSVOA_N
ClientSampleId :
TAPHHA-MW01-012825-00-T4

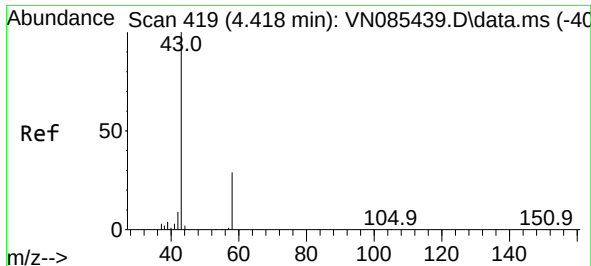
Tgt Ion:168 Resp: 161216
Ion Ratio Lower Upper
168 100
99 62.9 53.6 80.4



#3
Chloromethane
Concen: 0.316 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085583.D
Acq: 30 Jan 2025 16:42

Tgt Ion: 50 Resp: 746
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

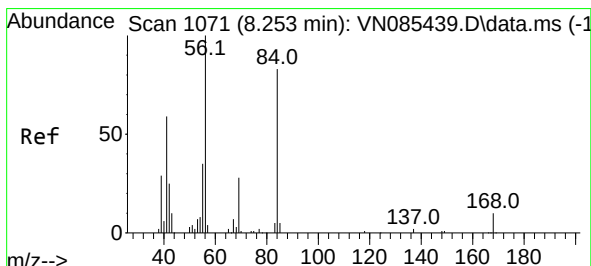
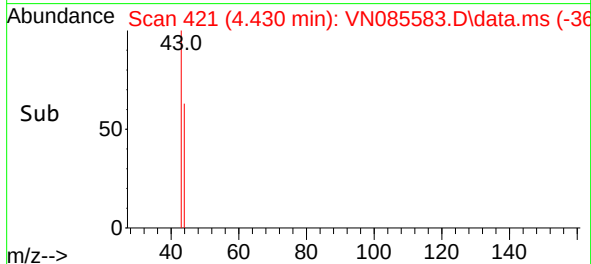
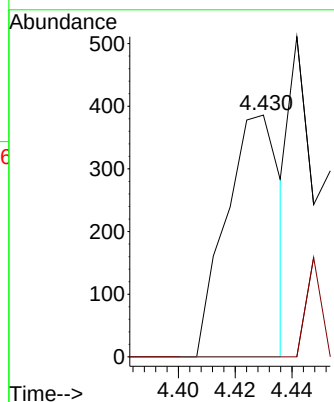
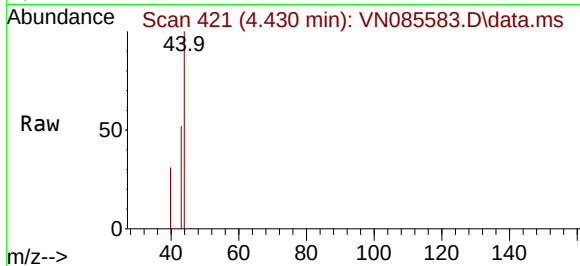




#16
Acetone
Concen: 0.608 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN085583.D
Acq: 30 Jan 2025 16:42

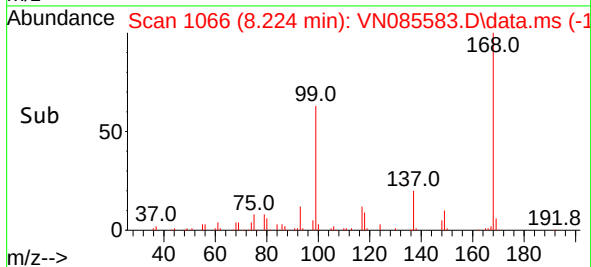
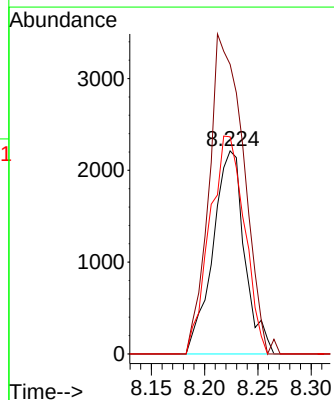
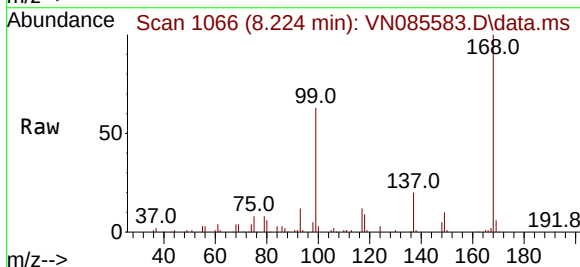
Instrument :
MSVOA_N
ClientSampleId :
TAPHHA-MW01-012825-00-T4

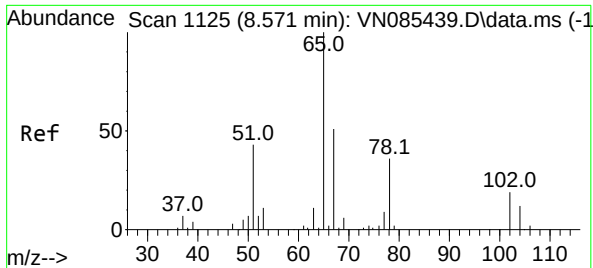
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#31
Cyclohexane
Concen: 1.389 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085583.D
Acq: 30 Jan 2025 16:42

Tgt Ion: 56 Resp: 4589
Ion Ratio Lower Upper
56 100
69 142.6 22.2 33.4#
84 107.0 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 57.518 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085583.D

Acq: 30 Jan 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

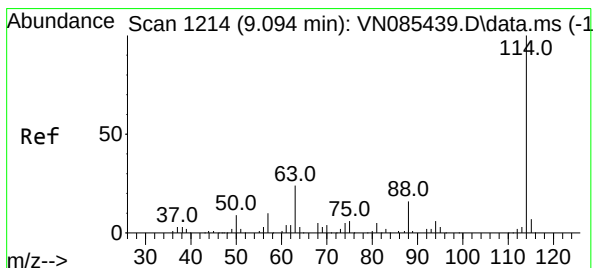
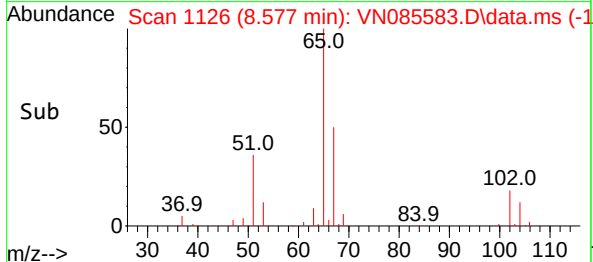
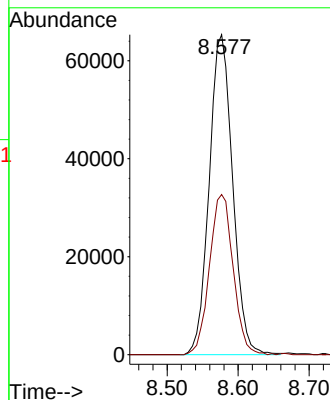
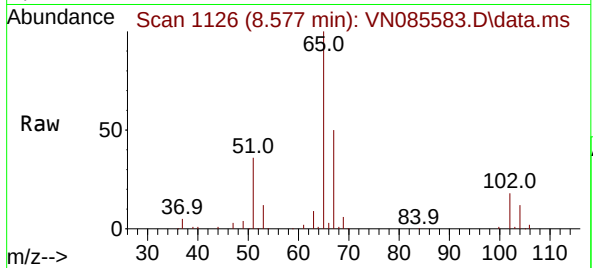
TAPHHA-MW01-012825-00-T4

Tgt Ion: 65 Resp: 149682

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085583.D

Acq: 30 Jan 2025 16:42

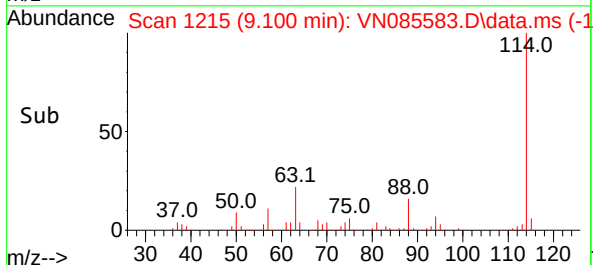
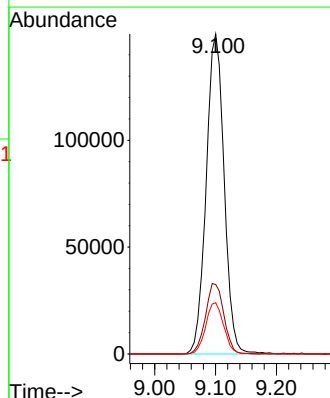
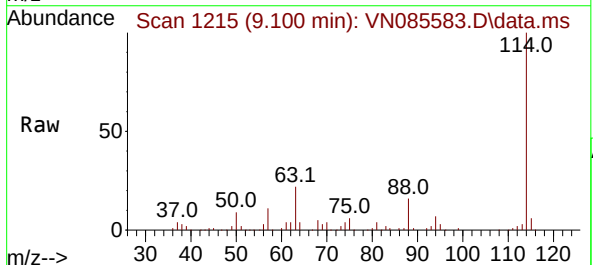
Tgt Ion: 114 Resp: 307158

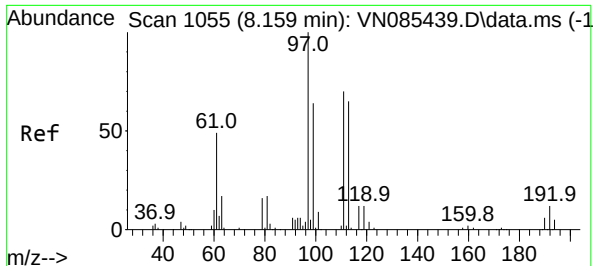
Ion Ratio Lower Upper

114 100

63 21.7 0.0 47.6

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.991 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085583.D

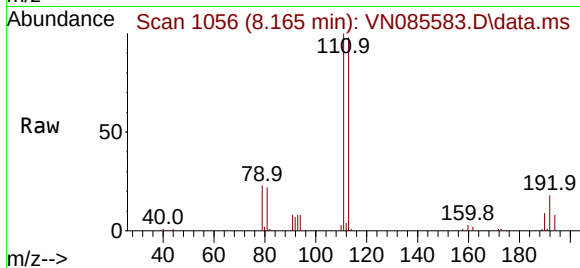
Acq: 30 Jan 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

TAPHHA-MW01-012825-00-T4



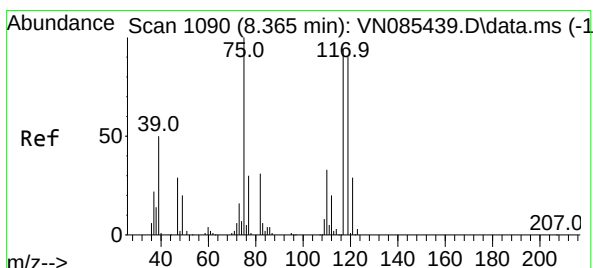
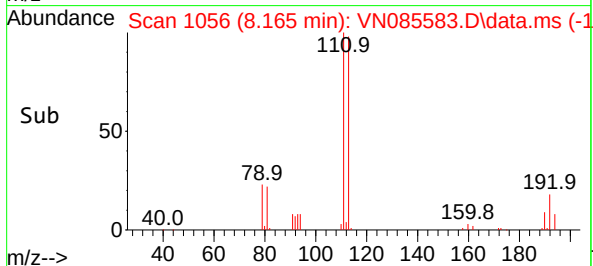
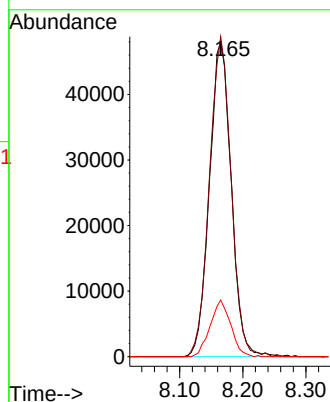
Tgt Ion:113 Resp: 115050

Ion Ratio Lower Upper

113 100

111 101.2 82.7 124.1

192 17.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.230 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085583.D

Acq: 30 Jan 2025 16:42

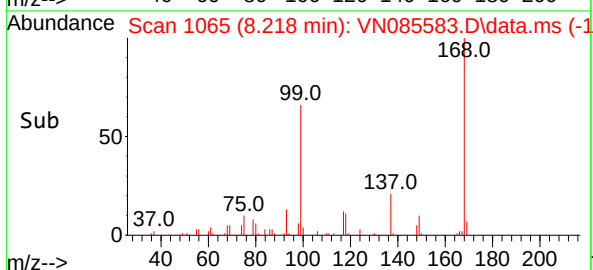
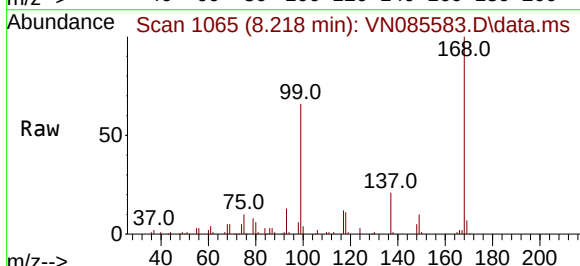
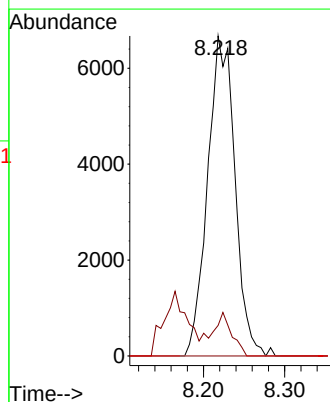
Tgt Ion: 75 Resp: 15641

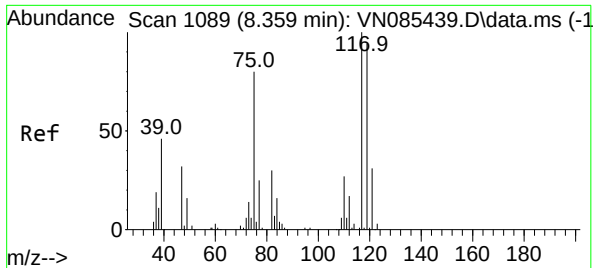
Ion Ratio Lower Upper

75 100

110 8.1 16.5 49.5#

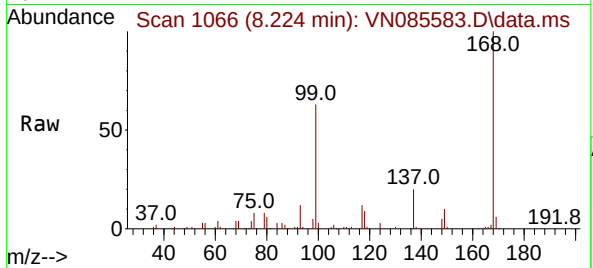
77 0.0 24.4 36.6#



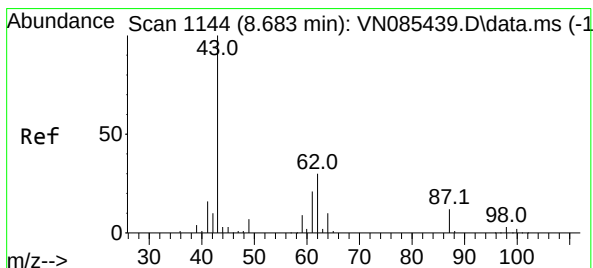
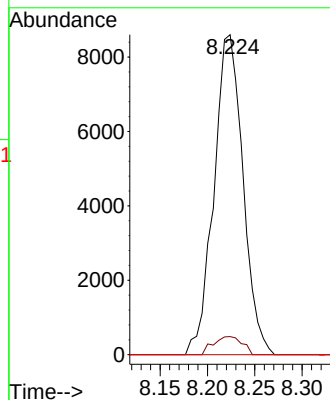
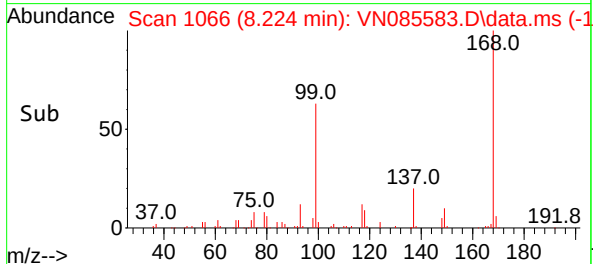


#38
Carbon Tetrachloride
Concen: 5.366 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085583.D
Acq: 30 Jan 2025 16:42

Instrument :
MSVOA_N
ClientSampleId :
TAPHHA-MW01-012825-00-T4

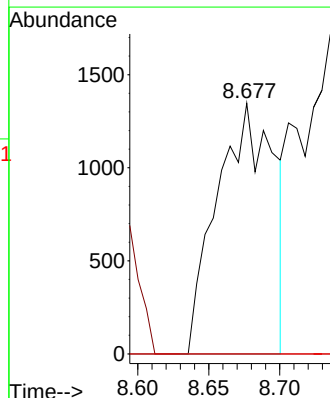
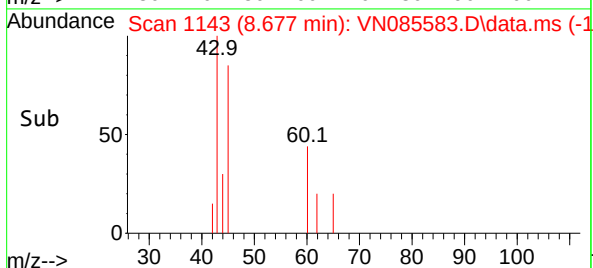
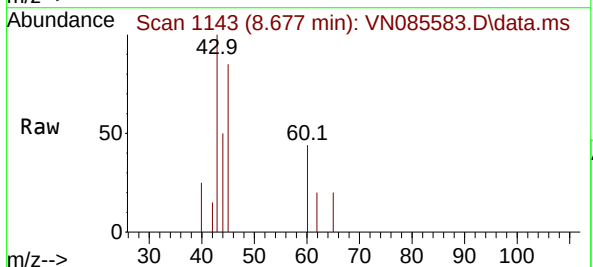


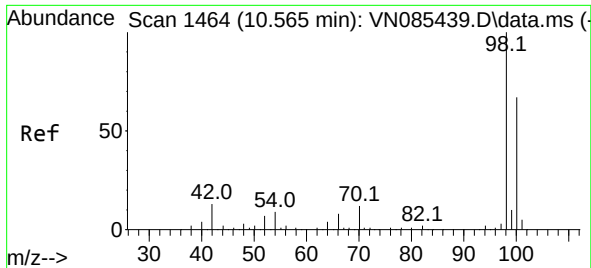
Tgt Ion:117 Resp: 18373
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.2#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.768 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN085583.D
Acq: 30 Jan 2025 16:42

Tgt Ion: 43 Resp: 3716
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#

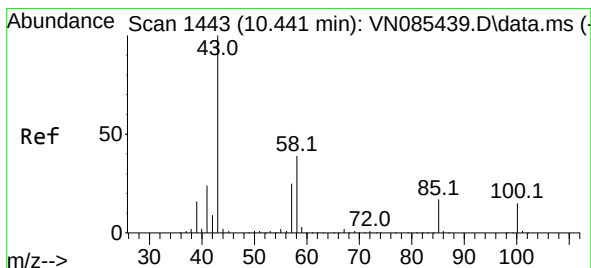
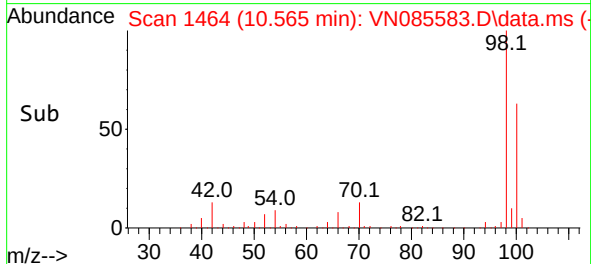
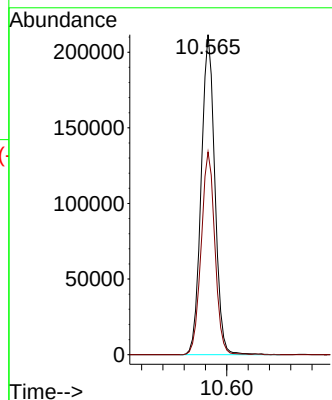
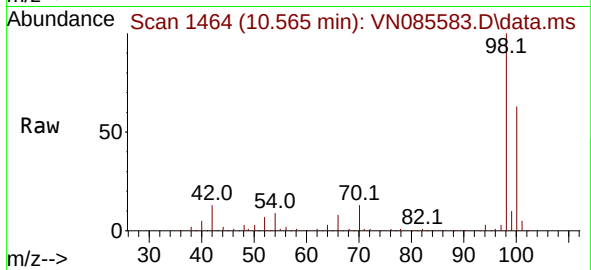




#50
Toluene-d8
Concen: 49.573 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085583.D
Acq: 30 Jan 2025 16:42

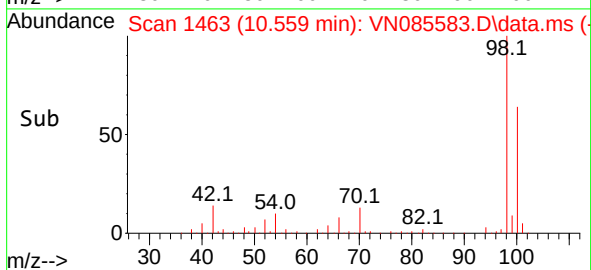
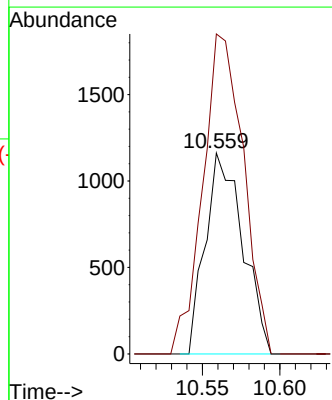
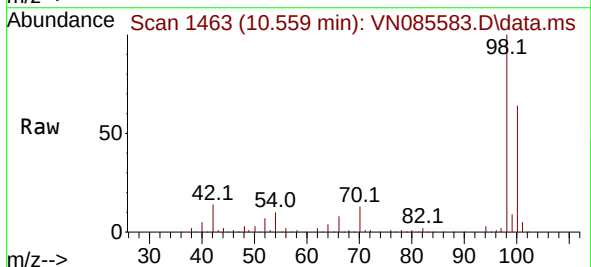
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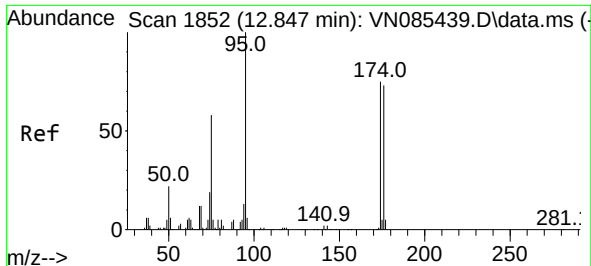
Tgt Ion: 98 Resp: 375322
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.694 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN085583.D
Acq: 30 Jan 2025 16:42

Tgt Ion: 43 Resp: 1949
Ion Ratio Lower Upper
43 100
58 173.1 30.5 45.7#

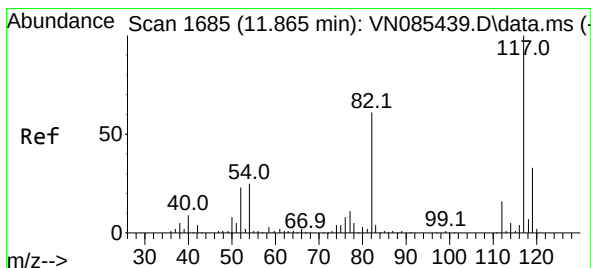
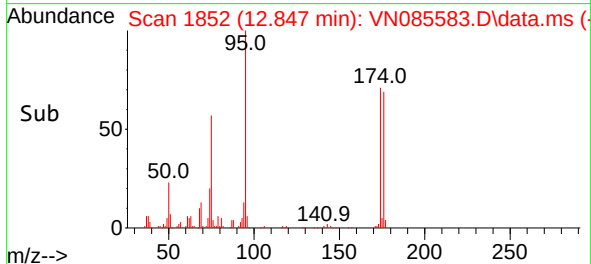
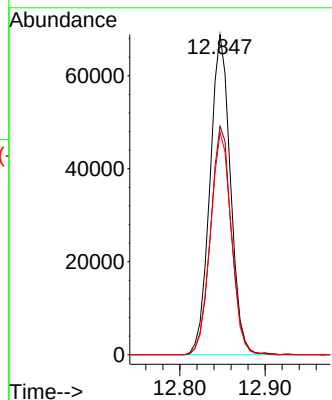
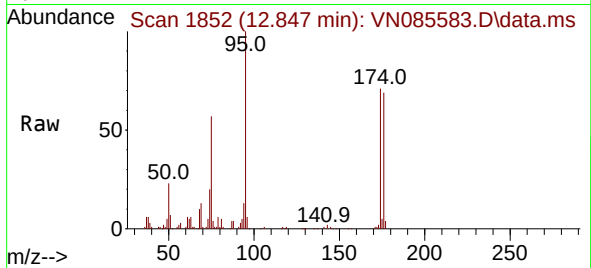




#62
4-Bromofluorobenzene
Concen: 44.233 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085583.D
Acq: 30 Jan 2025 16:42

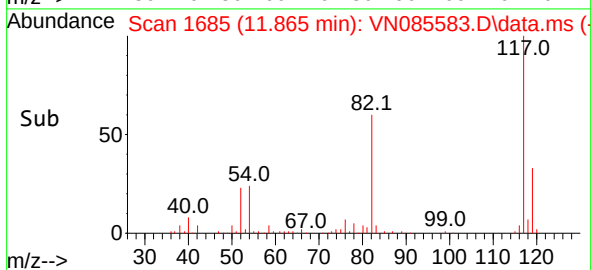
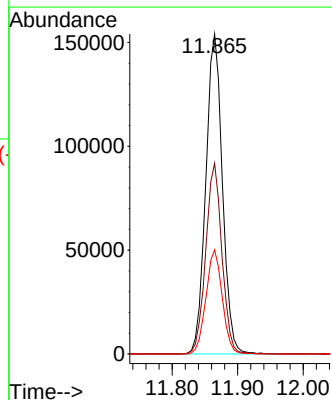
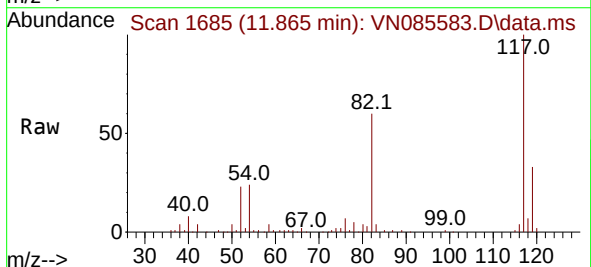
Instrument :
MSVOA_N
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TAPHHA-MW01-012825-00-T4

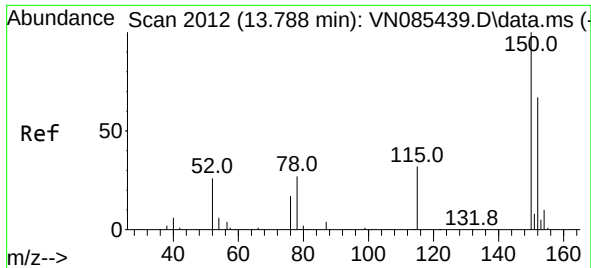
Tgt Ion: 95 Resp: 114559
Ion Ratio Lower Upper
95 100
174 73.0 0.0 145.0
176 70.9 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085583.D
Acq: 30 Jan 2025 16:42

Tgt Ion: 117 Resp: 271574
Ion Ratio Lower Upper
117 100
82 59.6 48.6 72.8
119 32.5 26.6 39.8

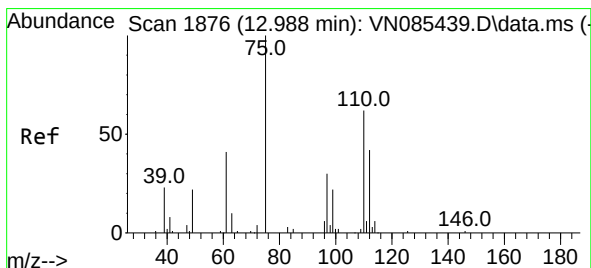
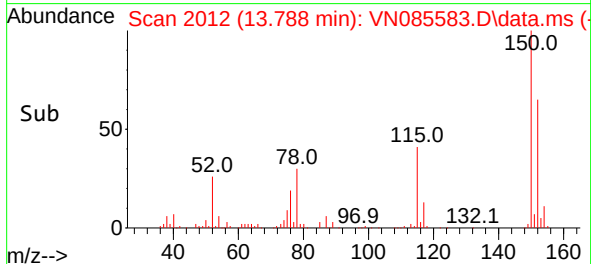
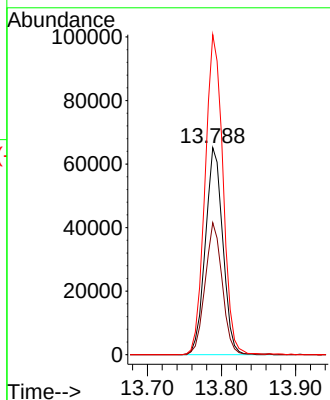
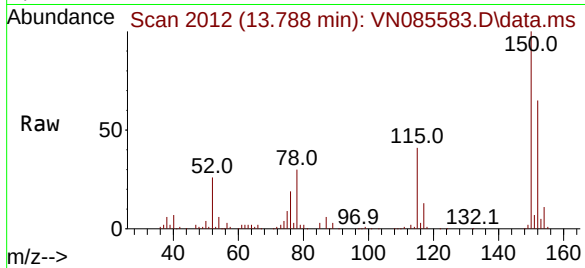




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN085583.D
 Acq: 30 Jan 2025 16:42

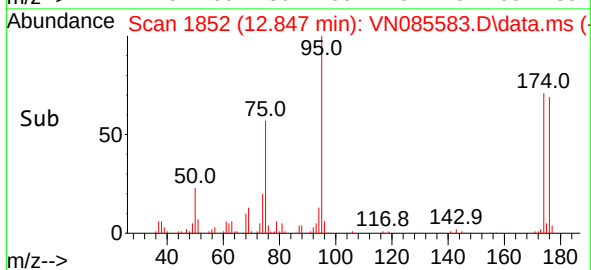
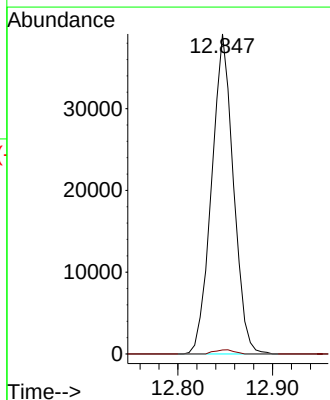
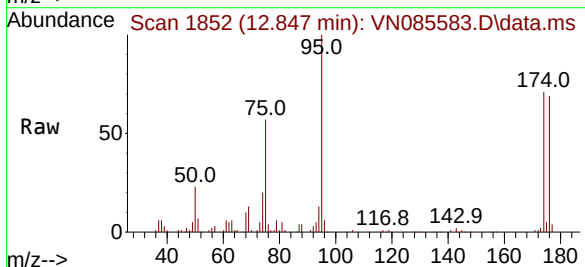
Instrument :
 MSVOA_N
 ClientSampleId :
 TAPHHA-MW01-012825-00-T4

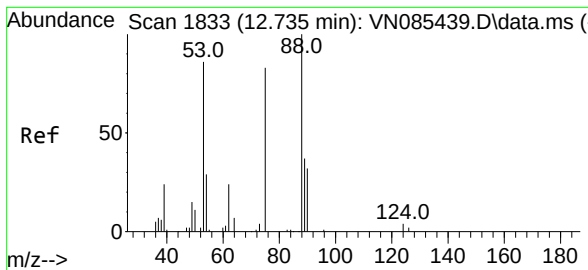
Tgt Ion:152 Resp: 106487
 Ion Ratio Lower Upper
 152 100
 115 62.4 31.1 93.3
 150 158.3 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 28.926 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085583.D
 Acq: 30 Jan 2025 16:42

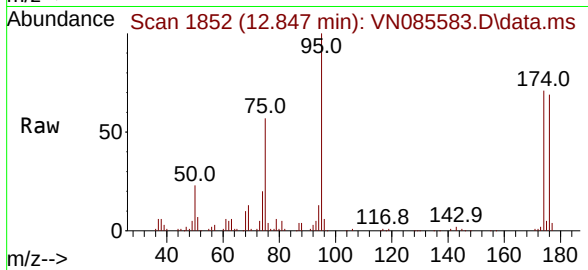
Tgt Ion: 75 Resp: 62607
 Ion Ratio Lower Upper
 75 100
 77 1.2 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.262 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085583.D
 Acq: 30 Jan 2025 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 TAPHHA-MW01-012825-00-T4



Tgt Ion: 75 Resp: 62607
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.6 143.4#
 89 0.0 37.0 55.6#

