

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086087.D
 Acq On : 24 Mar 2025 21:14
 Operator : JC\MD
 Sample : Q1622-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW3

Quant Time: Mar 25 01:33:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

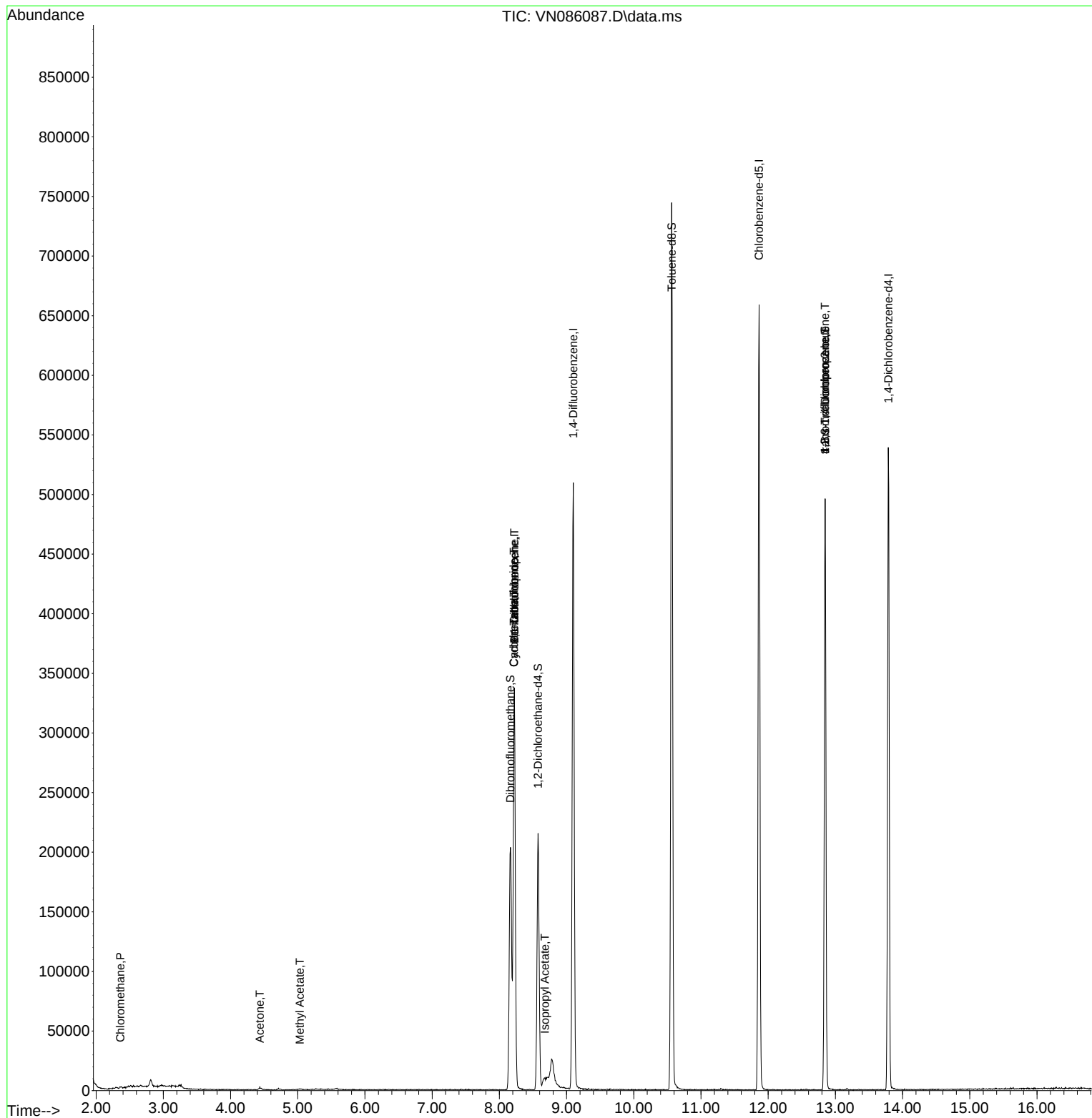
Internal Standards						
1) Pentafluorobenzene	8.224	168	243235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	452406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	398702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173567	52.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.220%	
35) Dibromofluoromethane	8.165	113	153852	48.722	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.440%	
50) Toluene-d8	10.565	98	532835	46.494	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.980%	
62) 4-Bromofluorobenzene	12.847	95	177536	43.438	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 86.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	940	0.333	ug/l	92
16) Acetone	4.436	43	3370	3.312	ug/l	92
18) Methyl Acetate	5.030	43	1410	0.560	ug/l #	53
31) Cyclohexane	8.218	56	4775	1.151	ug/l #	39
36) 1,1-Dichloropropene	8.224	75	18970	4.562	ug/l #	48
38) Carbon Tetrachloride	8.218	117	25794	4.718	ug/l #	17
43) Isopropyl Acetate	8.677	43	7959	1.047	ug/l #	50
76) 1,2,3-Trichloropropane	12.847	75	86379	24.507	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	86379	64.793	ug/l #	16

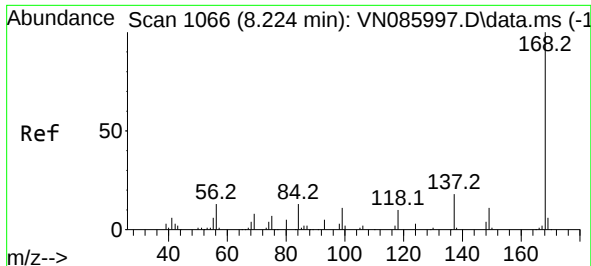
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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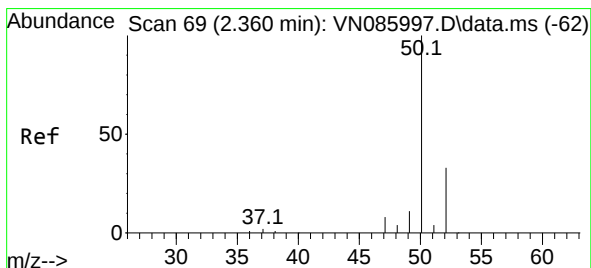
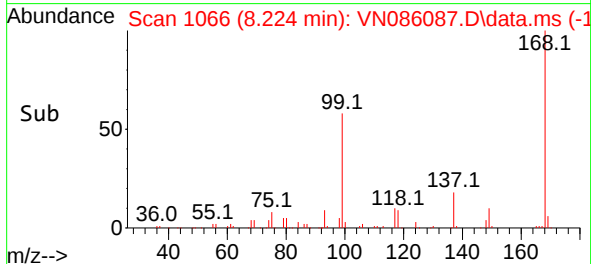
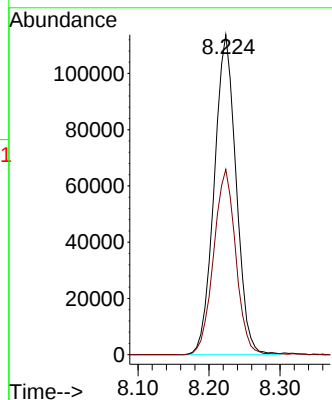
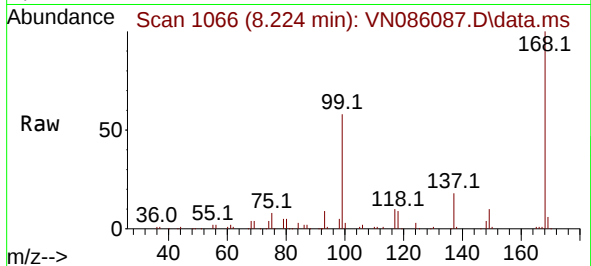




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

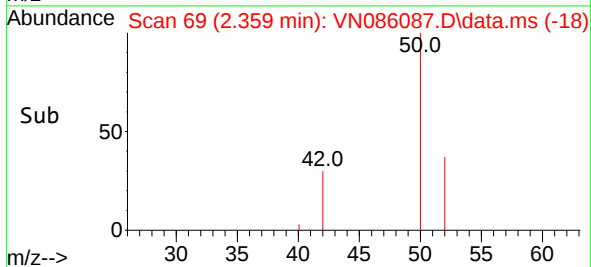
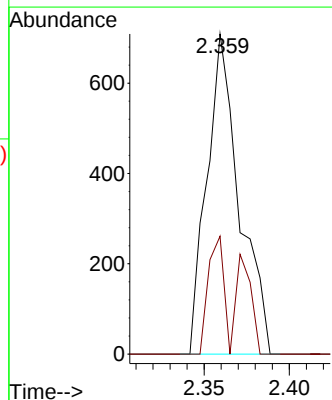
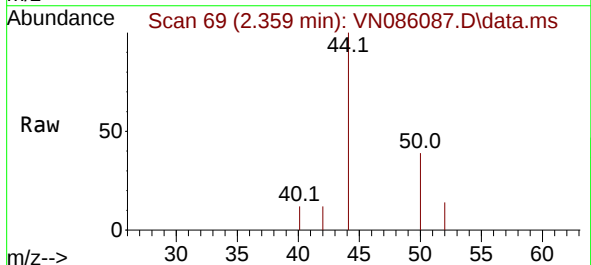
Instrument :
MSVOA_N
ClientSampleId :
MW3

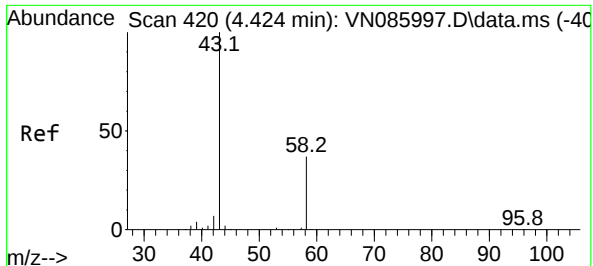
Tgt Ion:168 Resp: 243235
Ion Ratio Lower Upper
168 100
99 57.9 49.4 74.2



#3
Chloromethane
Concen: 0.333 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

Tgt Ion: 50 Resp: 940
Ion Ratio Lower Upper
50 100
52 36.8 26.0 39.0





#16

Acetone

Concen: 3.312 ug/l

RT: 4.436 min Scan# 43

Delta R.T. 0.012 min

Lab File: VN086087.D

Acq: 24 Mar 2025 21:14

Instrument :

MSVOA_N

ClientSampleId :

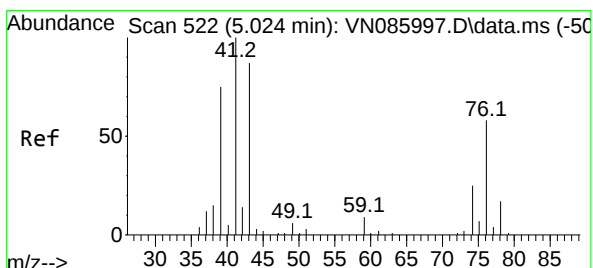
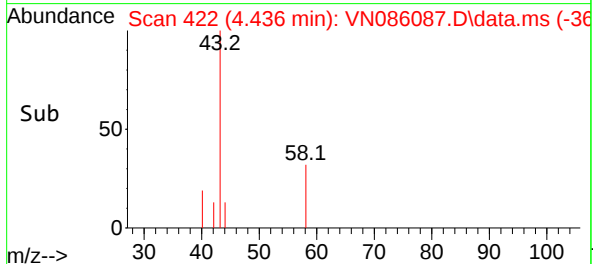
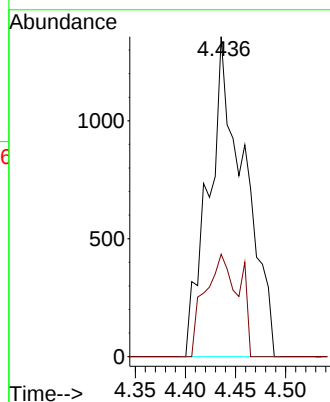
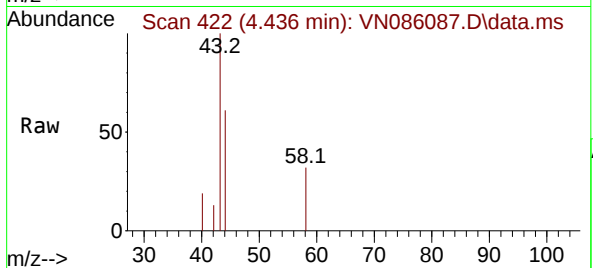
MW3

Tgt Ion: 43 Resp: 3370

Ion Ratio Lower Upper

43 100

58 32.0 29.4 44.2



#18

Methyl Acetate

Concen: 0.560 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN086087.D

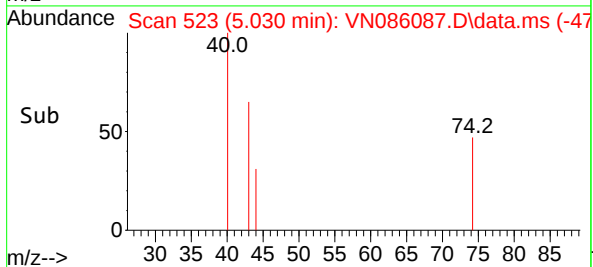
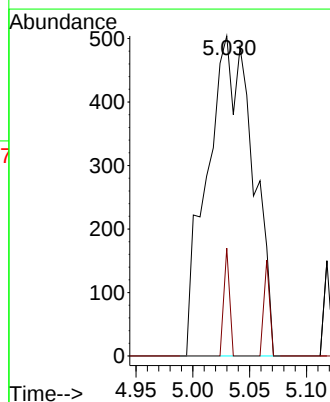
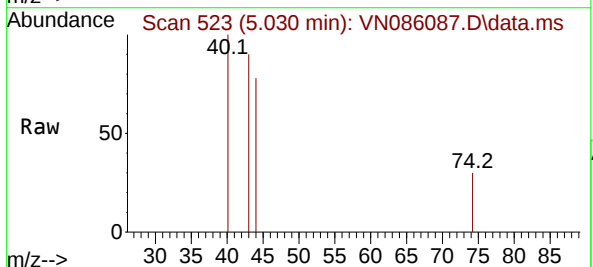
Acq: 24 Mar 2025 21:14

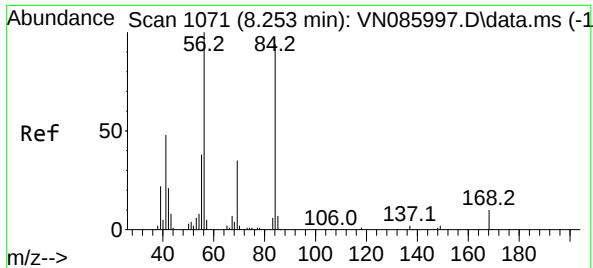
Tgt Ion: 43 Resp: 1410

Ion Ratio Lower Upper

43 100

74 4.3 23.9 35.9#

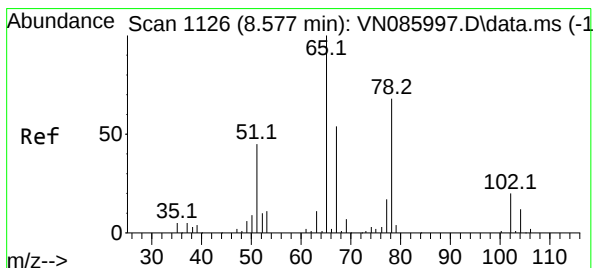
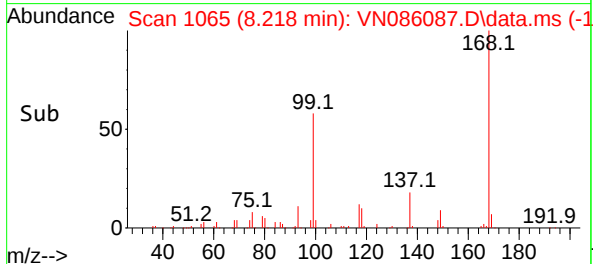
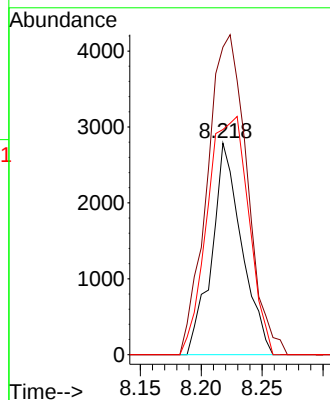
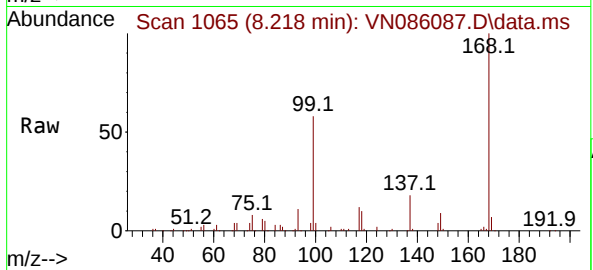




#31
Cyclohexane
Concen: 1.151 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.036 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

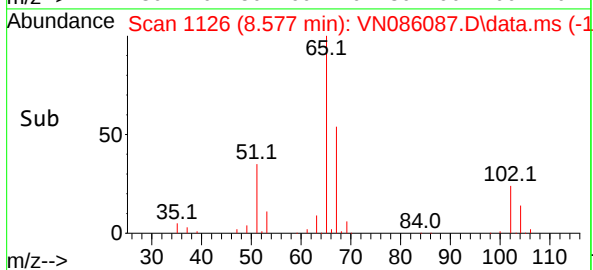
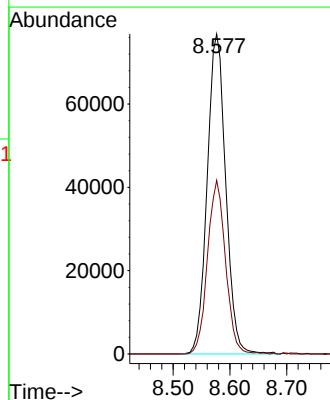
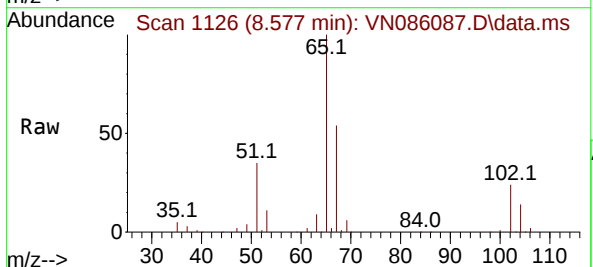
Instrument :
MSVOA_N
ClientSampleId :
MW3

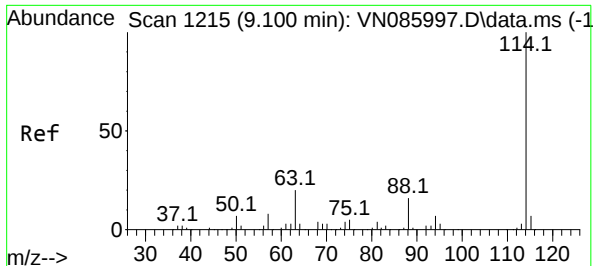
Tgt Ion: 56 Resp: 4775
Ion Ratio Lower Upper
56 100
69 145.4 28.0 42.0#
84 106.4 75.0 112.6



#33
1,2-Dichloroethane-d4
Concen: 52.111 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

Tgt Ion: 65 Resp: 173567
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.2

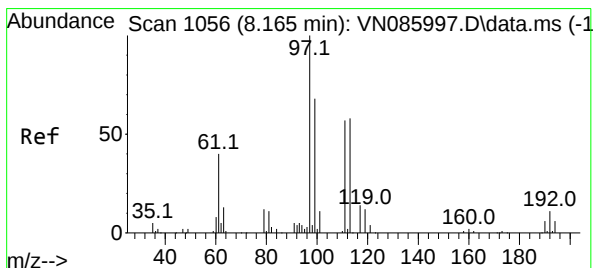
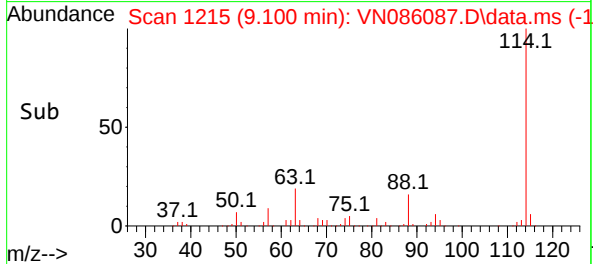
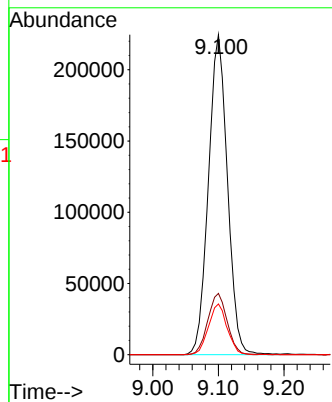
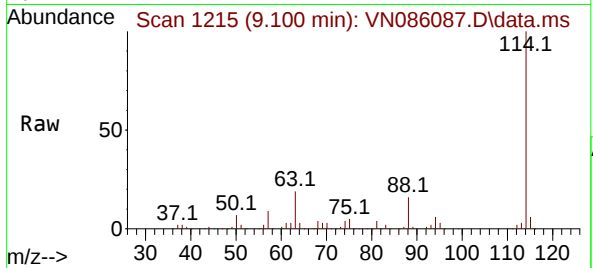




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

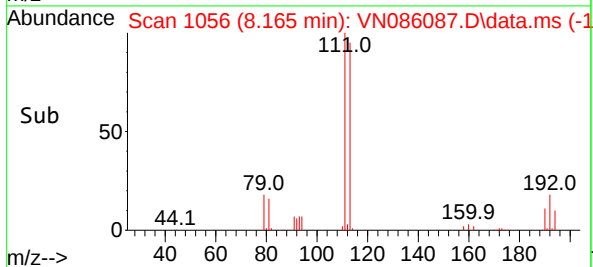
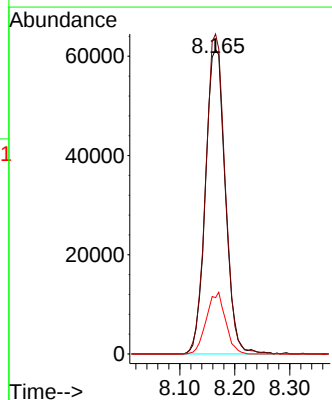
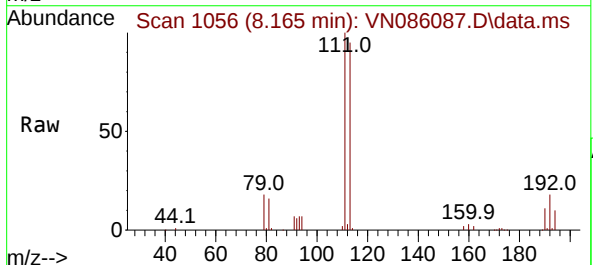
Instrument :
MSVOA_N
ClientSampleId :
MW3

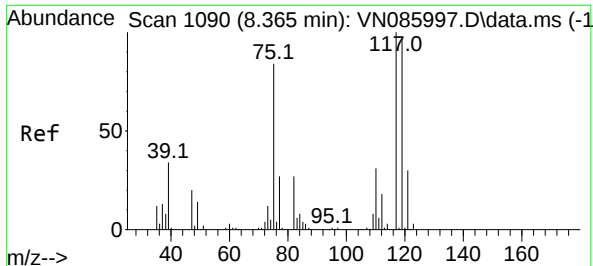
Tgt Ion:114 Resp: 452406
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.6
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.722 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

Tgt Ion:113 Resp: 153852
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 19.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.562 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN086087.D

Acq: 24 Mar 2025 21:14

Instrument :

MSVOA_N

ClientSampleId :

MW3

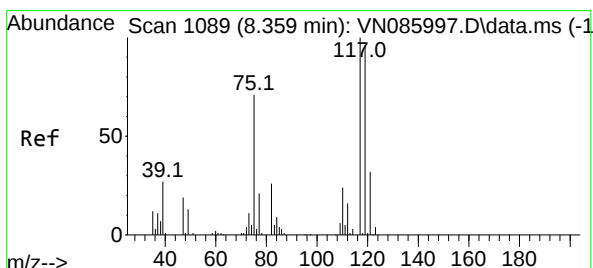
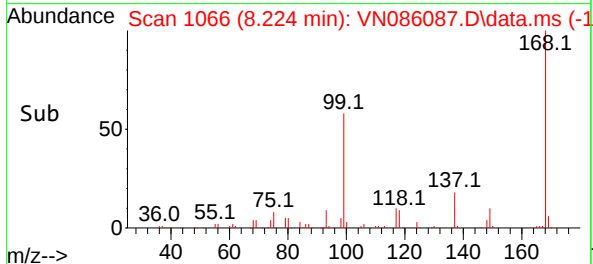
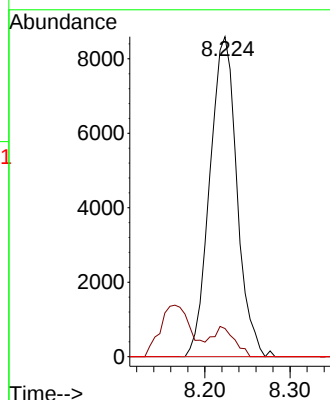
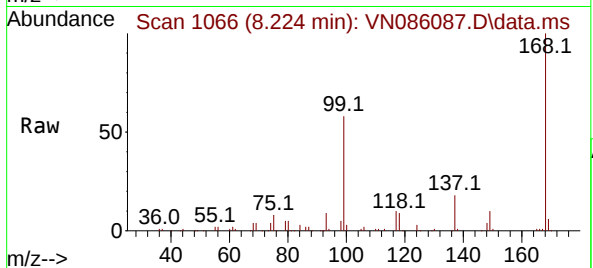
Tgt Ion: 75 Resp: 18970

Ion Ratio Lower Upper

75 100

110 7.7 17.8 53.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 4.718 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN086087.D

Acq: 24 Mar 2025 21:14

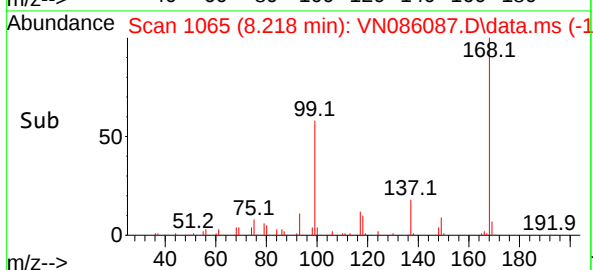
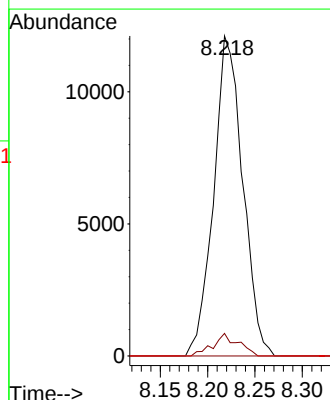
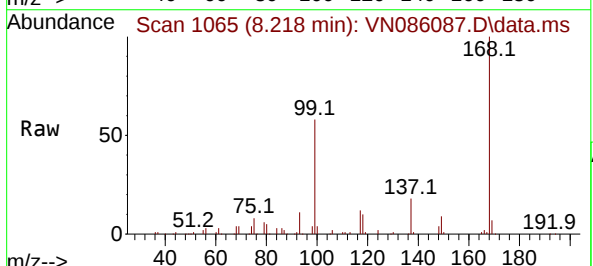
Tgt Ion: 117 Resp: 25794

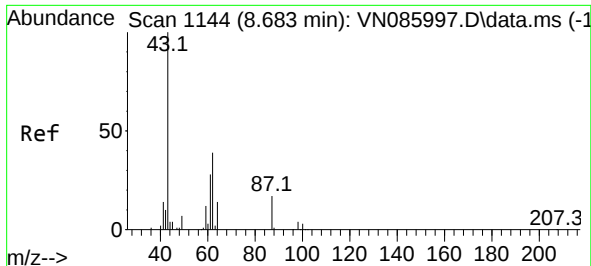
Ion Ratio Lower Upper

117 100

119 7.0 77.0 115.4#

121 0.0 25.6 38.4#

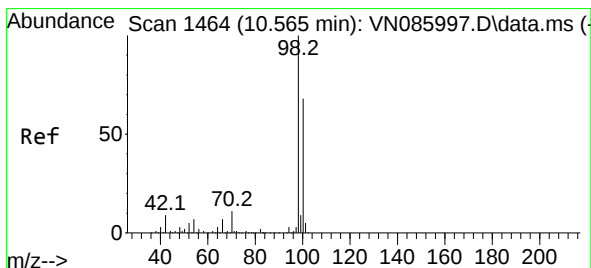
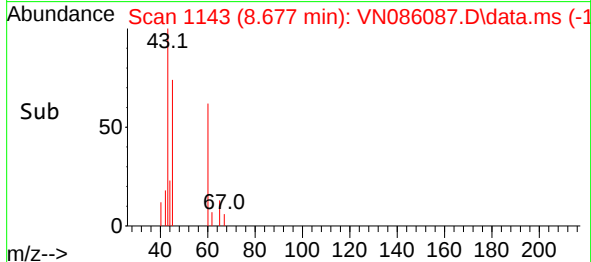
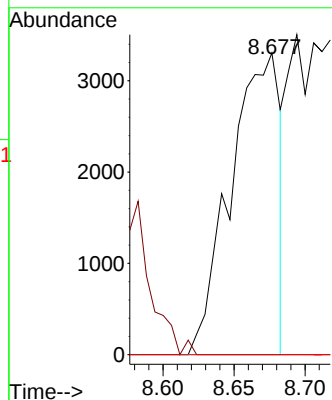
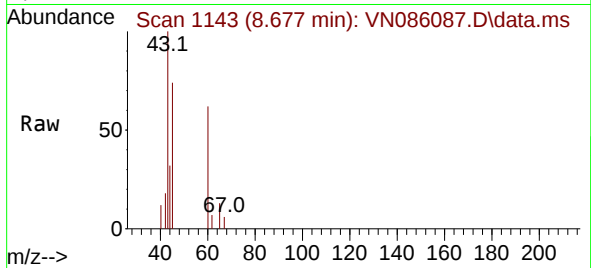




#43
Isopropyl Acetate
Concen: 1.047 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

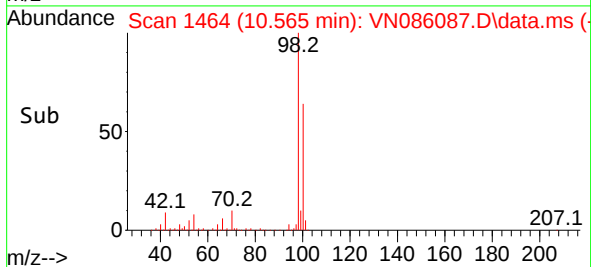
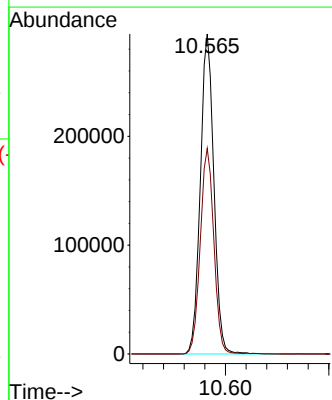
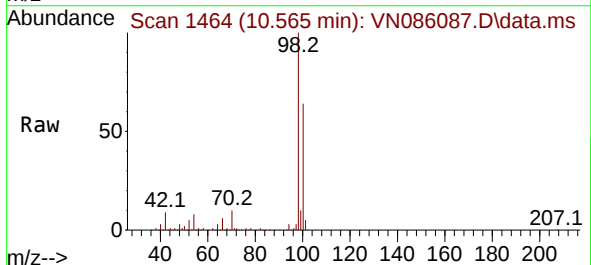
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ClientSampleId :
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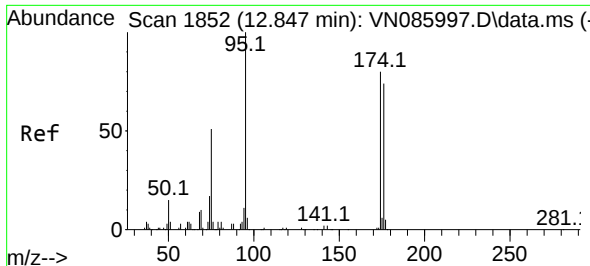
Tgt Ion: 43 Resp: 7959
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.6#
87 0.0 13.0 19.4#



#50
Toluene-d8
Concen: 46.494 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

Tgt Ion: 98 Resp: 532835
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

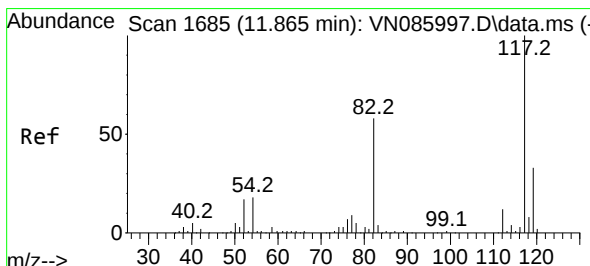
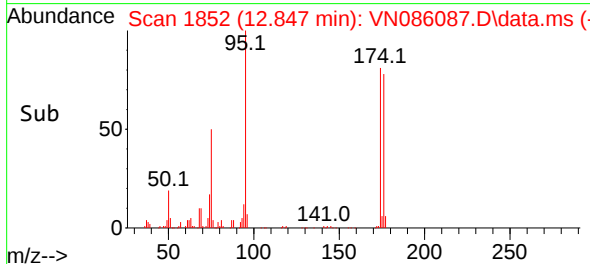
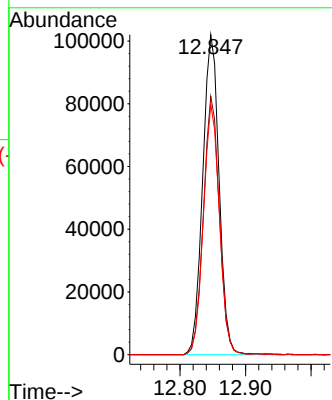
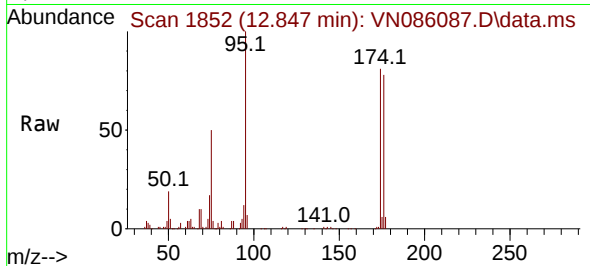




#62
4-Bromofluorobenzene
Concen: 43.438 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

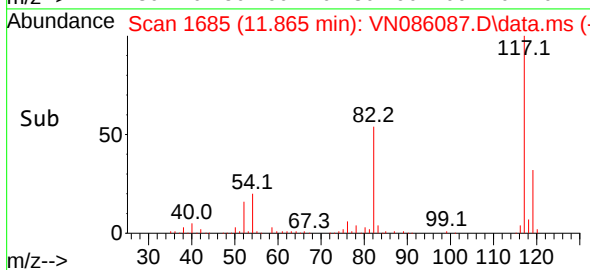
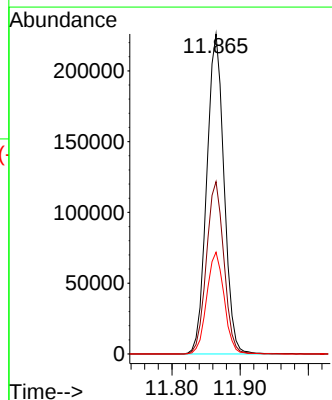
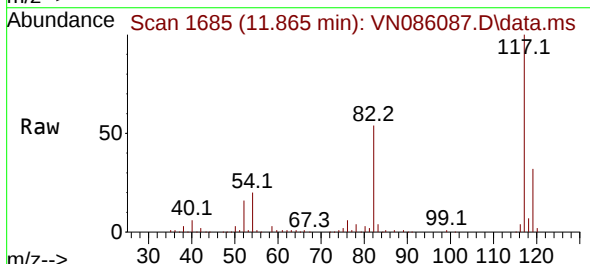
Instrument :
MSVOA_N
ClientSampleId :
MW3

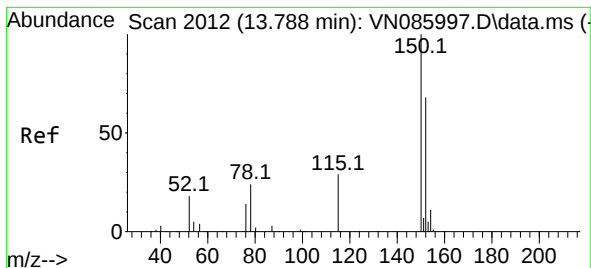
Tgt Ion: 95 Resp: 177536
Ion Ratio Lower Upper
95 100
174 78.7 0.0 156.8
176 76.4 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

Tgt Ion: 117 Resp: 398702
Ion Ratio Lower Upper
117 100
82 53.9 46.7 70.1
119 31.8 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN086087.D

Acq: 24 Mar 2025 21:14

Instrument :

MSVOA_N

ClientSampleId :

MW3

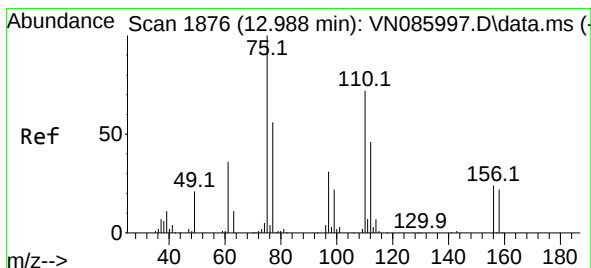
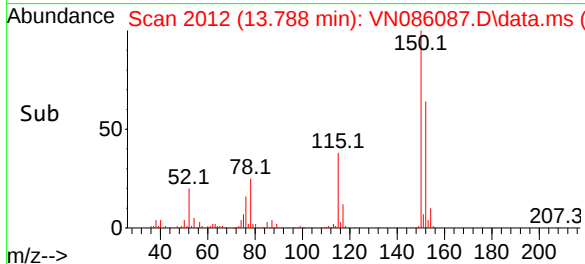
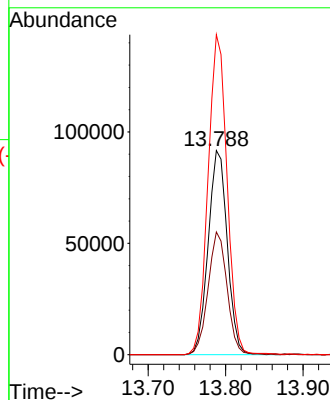
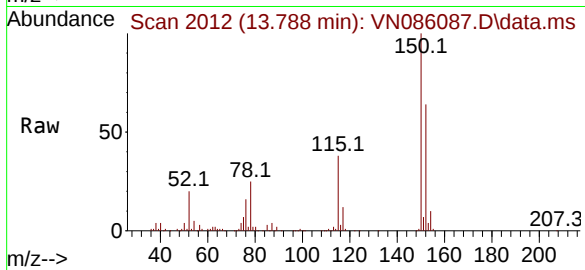
Tgt Ion:152 Resp: 157433

Ion Ratio Lower Upper

152 100

115 59.7 31.1 93.2

150 155.6 0.0 359.6



#76

1,2,3-Trichloropropane

Concen: 24.507 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN086087.D

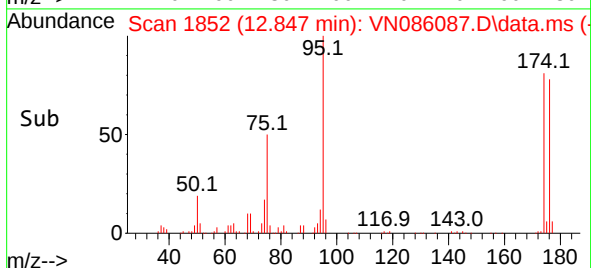
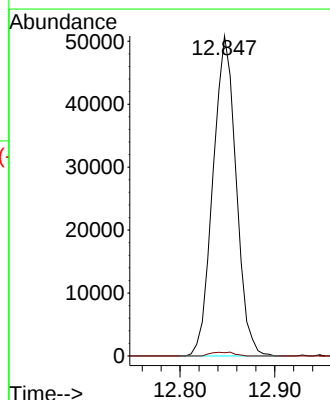
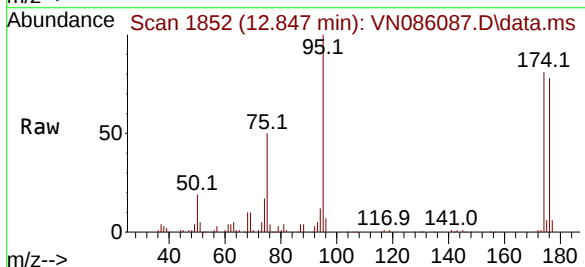
Acq: 24 Mar 2025 21:14

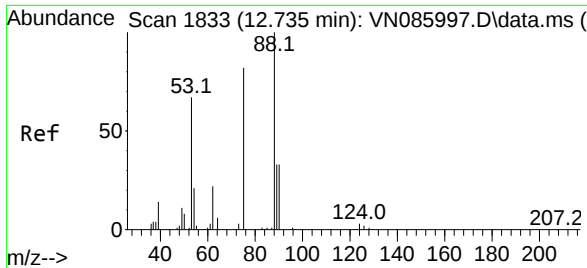
Tgt Ion: 75 Resp: 86379

Ion Ratio Lower Upper

75 100

77 1.2 83.7 251.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.793 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN086087.D
 Acq: 24 Mar 2025 21:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MW3

Tgt Ion: 75 Resp: 86379
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.0 99.0#
 89 0.0 36.9 55.3#

