

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085503.D
 Acq On : 17 Jan 2025 19:12
 Operator : JC\MD
 Sample : Q1124-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 22:41:12 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	162957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99313	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147793	56.185	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.380%
35) Dibromofluoromethane	8.165	113	109291	49.604	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.200%
50) Toluene-d8	10.565	98	370313	47.305	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.600%
62) 4-Bromofluorobenzene	12.847	95	117421	43.849	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.700%

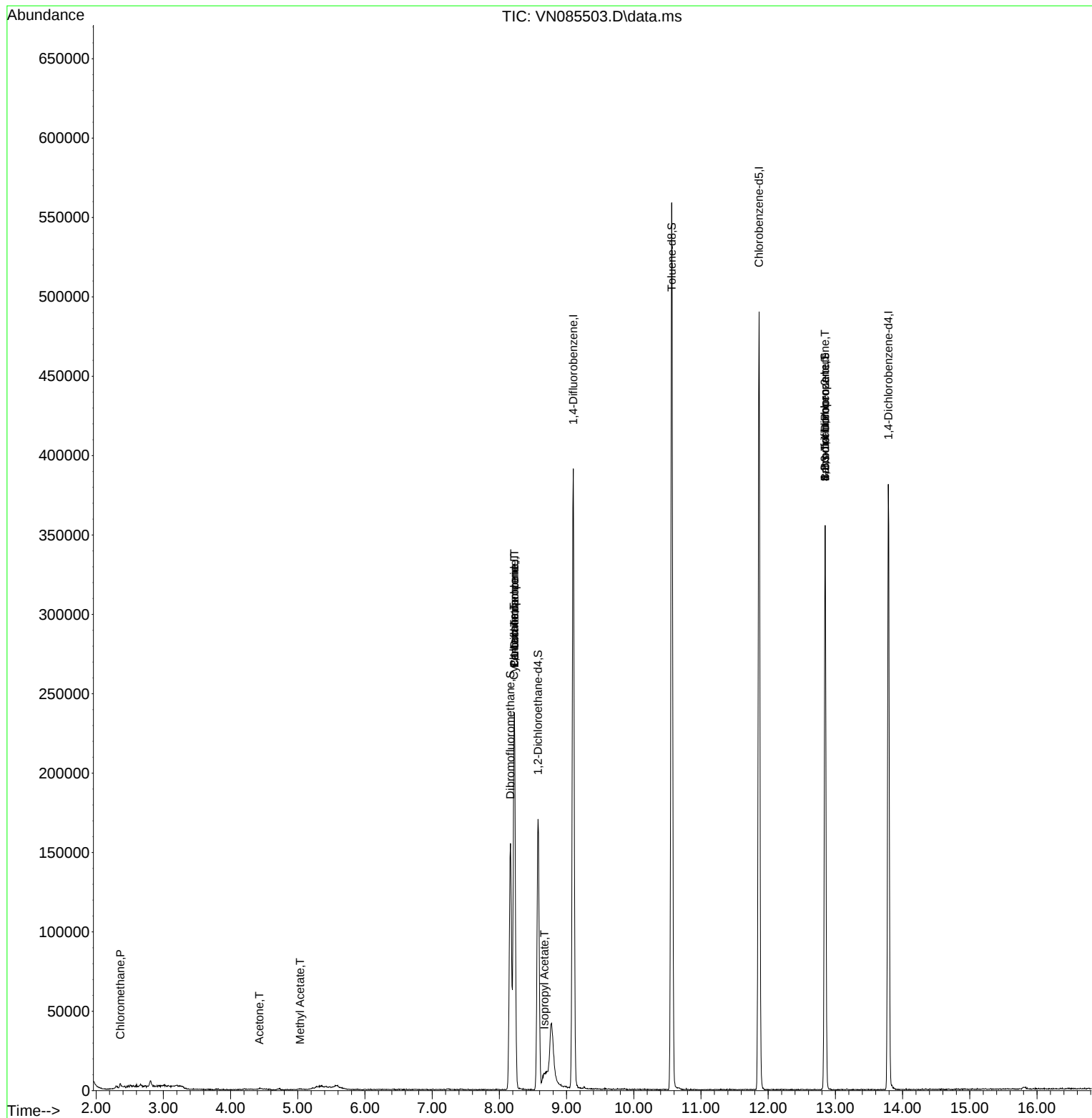
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	1780	0.745	ug/l	99
16) Acetone	4.430	43	701	0.825	ug/l	# 45
18) Methyl Acetate	5.036	43	1446	0.559	ug/l	# 52
31) Cyclohexane	8.218	56	4805	1.439	ug/l	# 19
36) 1,1-Dichloropropene	8.224	75	15613	5.049	ug/l	# 51
38) Carbon Tetrachloride	8.224	117	18786	5.307	ug/l	# 16
43) Isopropyl Acetate	8.671	43	9532	1.906	ug/l	# 55
71) Bromoform	12.847	173	702	0.468	ug/l	# 1
76) 1,2,3-Trichloropropane	12.847	75	65165	32.283	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	65165	87.344	ug/l	# 3

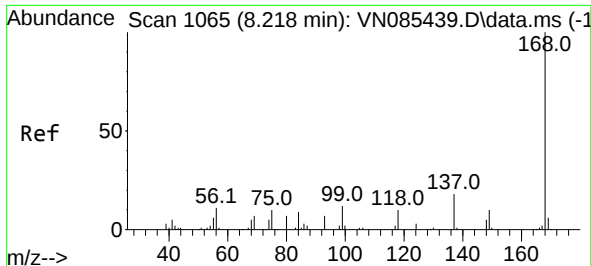
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

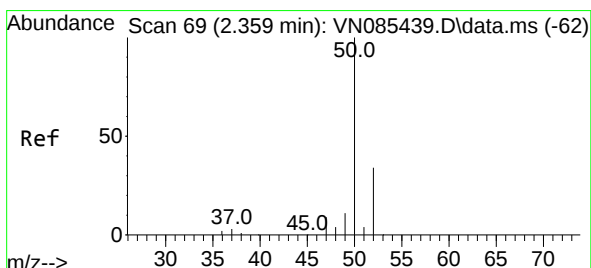
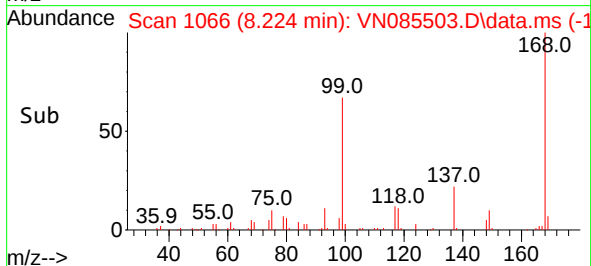
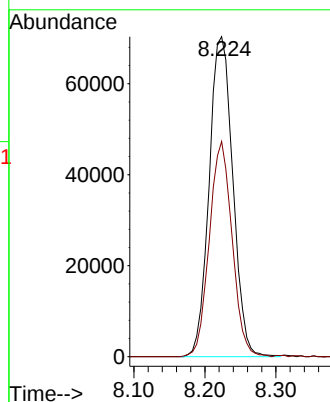
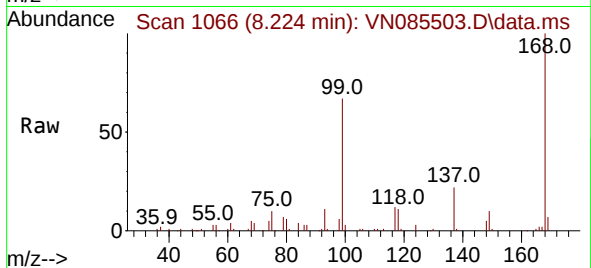




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085503.D
Acq: 17 Jan 2025 19:12

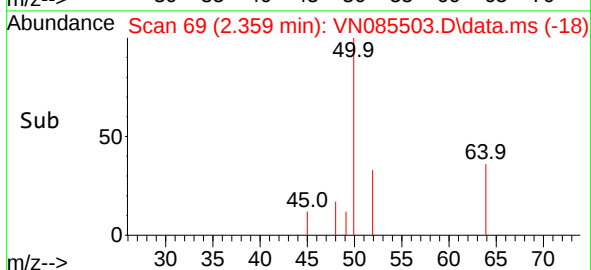
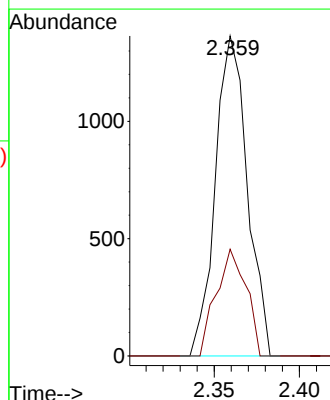
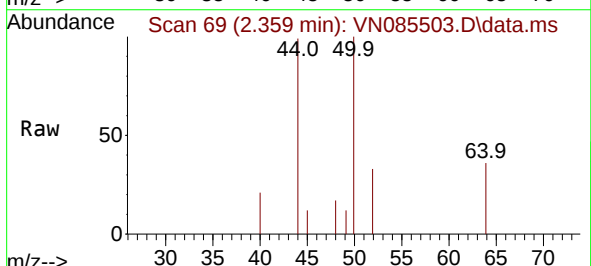
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MSVOA_N
ClientSampleId :

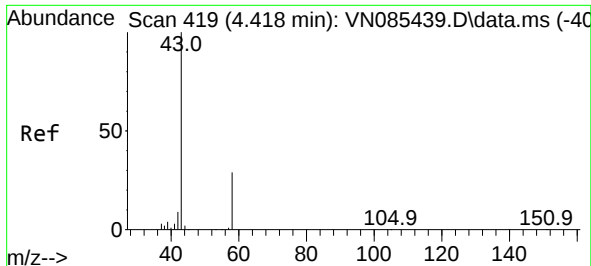
Tgt Ion:168 Resp: 162957
Ion Ratio Lower Upper
168 100
99 67.3 53.6 80.4



#3
Chloromethane
Concen: 0.745 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085503.D
Acq: 17 Jan 2025 19:12

Tgt Ion: 50 Resp: 1780
Ion Ratio Lower Upper
50 100
52 33.4 27.0 40.6

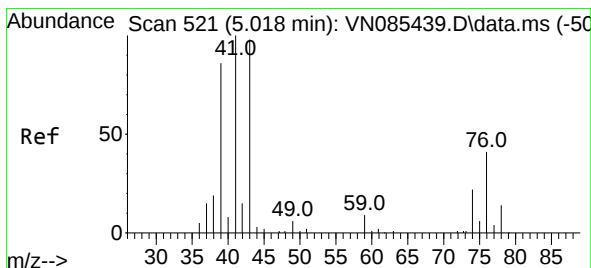
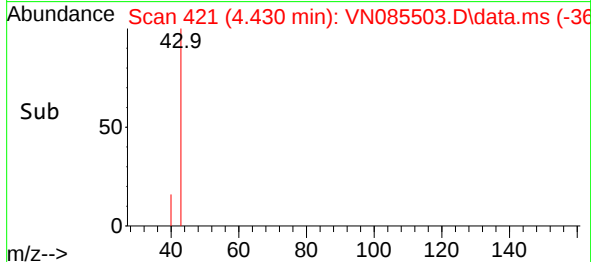
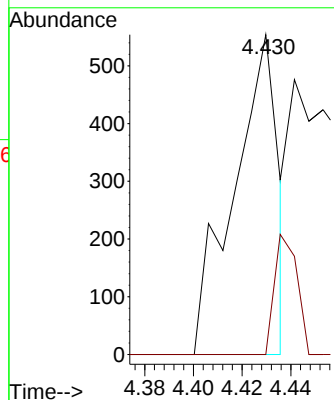
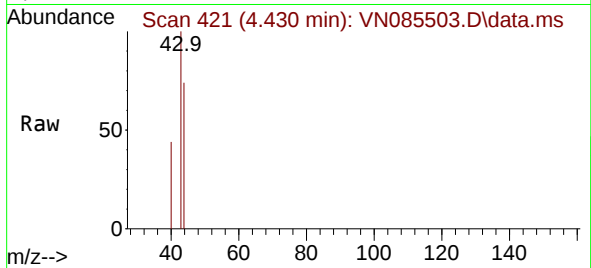




#16
Acetone
Concen: 0.825 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN085503.D
Acq: 17 Jan 2025 19:12

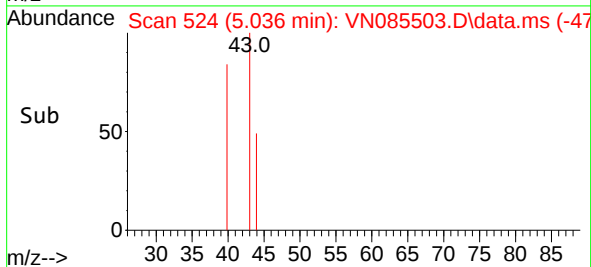
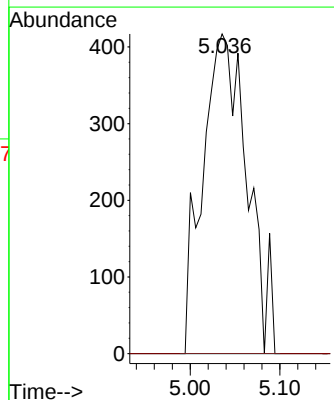
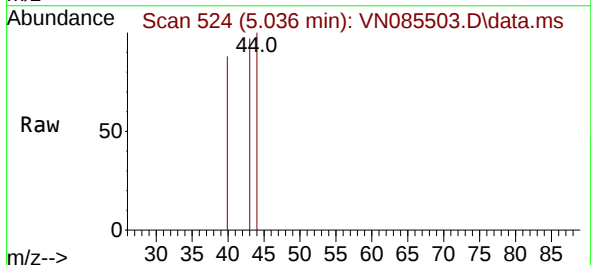
Instrument :
MSVOA_N
ClientSampleId :

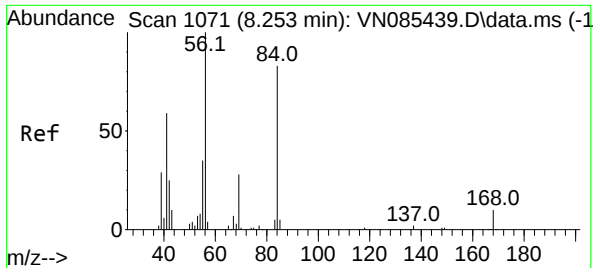
Tgt Ion: 43 Resp: 701
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#18
Methyl Acetate
Concen: 0.559 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN085503.D
Acq: 17 Jan 2025 19:12

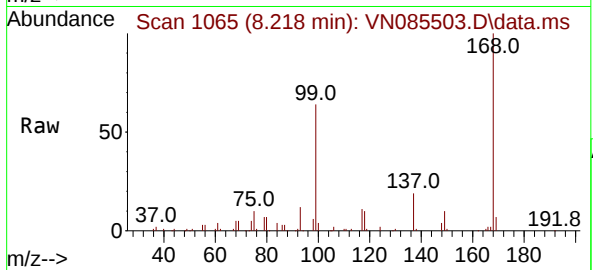
Tgt Ion: 43 Resp: 1446
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



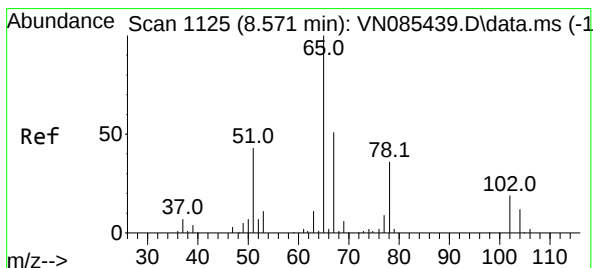
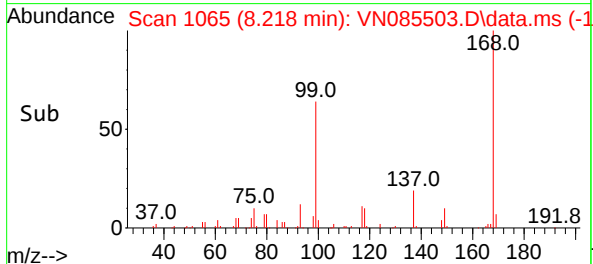
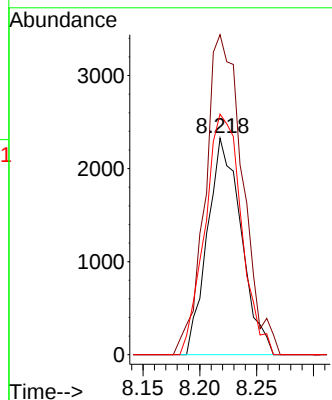


#31
Cyclohexane
Concen: 1.439 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085503.D
Acq: 17 Jan 2025 19:12

Instrument :
MSVOA_N
ClientSampleId :

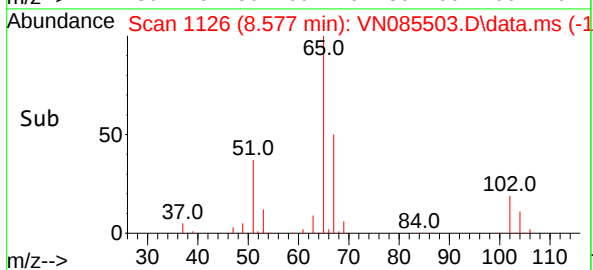
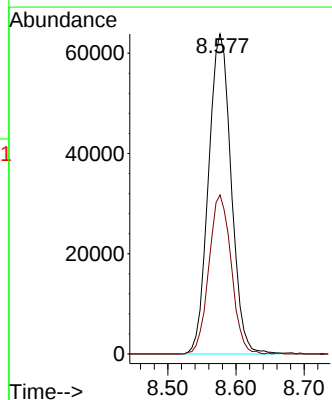
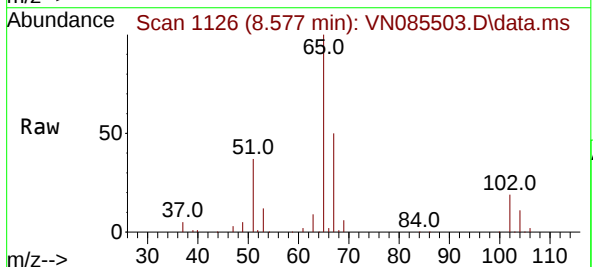


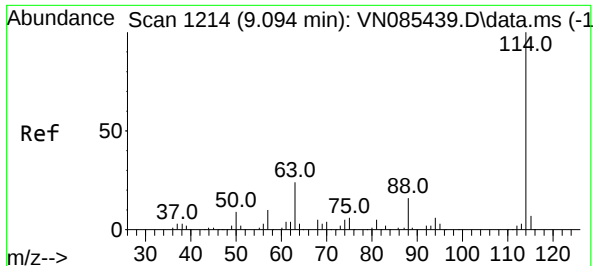
Tgt Ion: 56 Resp: 4805
Ion Ratio Lower Upper
56 100
69 147.8 22.2 33.4#
84 111.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 56.185 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085503.D
Acq: 17 Jan 2025 19:12

Tgt Ion: 65 Resp: 147793
Ion Ratio Lower Upper
65 100
67 48.9 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085503.D

Acq: 17 Jan 2025 19:12

Instrument :

MSVOA_N

ClientSampleId :

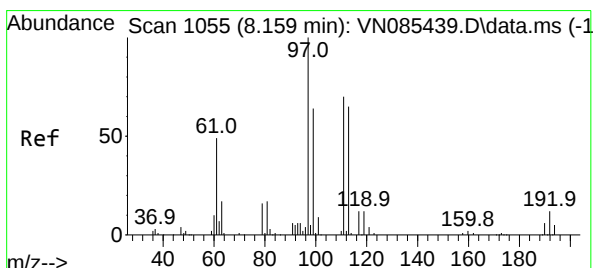
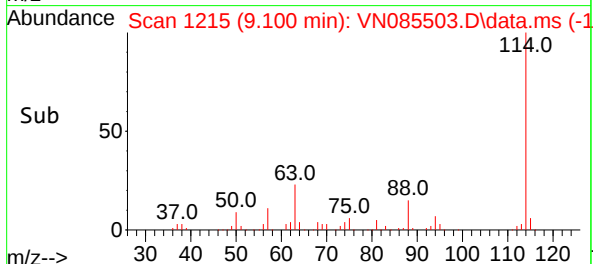
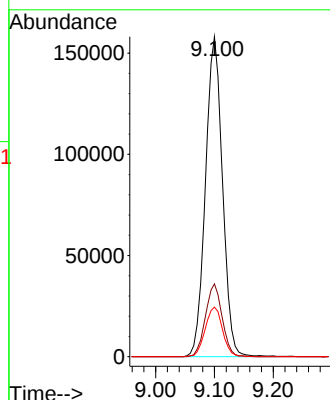
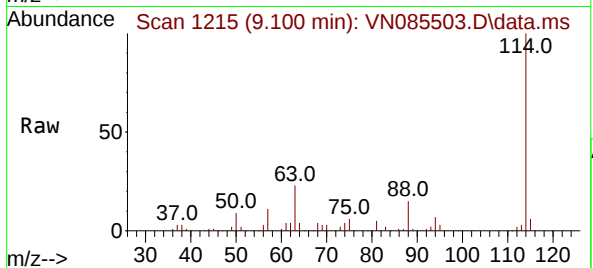
Tgt Ion:114 Resp: 317588

Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.6

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.604 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085503.D

Acq: 17 Jan 2025 19:12

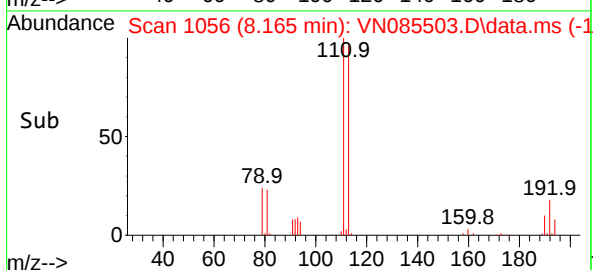
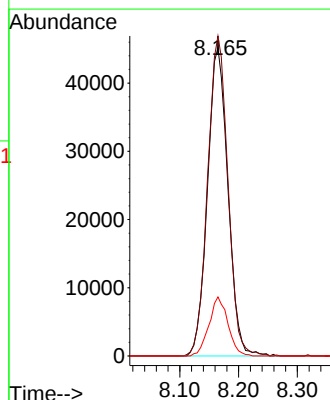
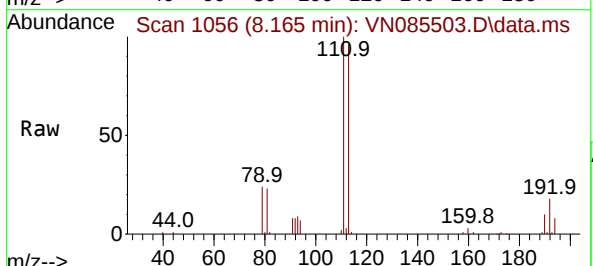
Tgt Ion:113 Resp: 109291

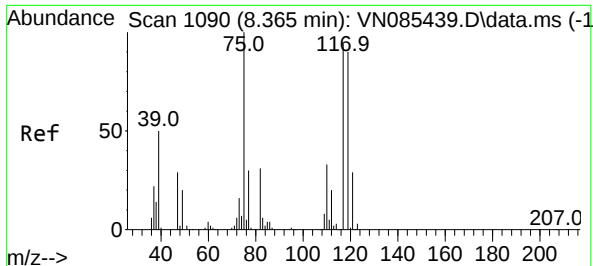
Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

192 17.7 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.049 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085503.D

Acq: 17 Jan 2025 19:12

Instrument :

MSVOA_N

ClientSampleId :

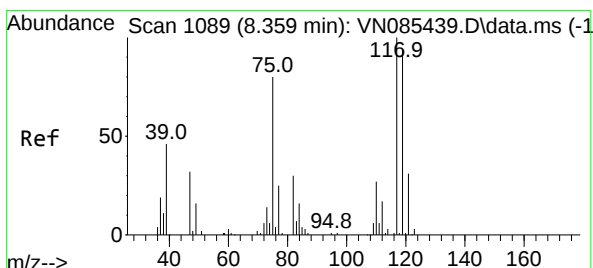
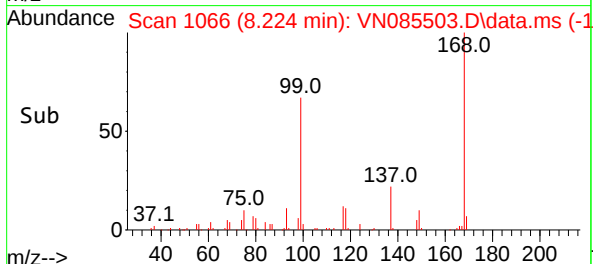
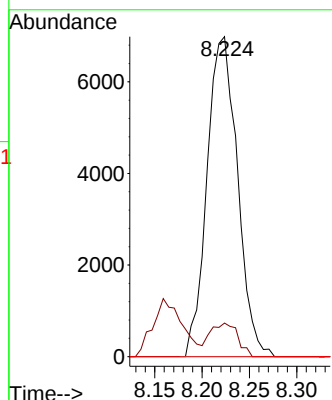
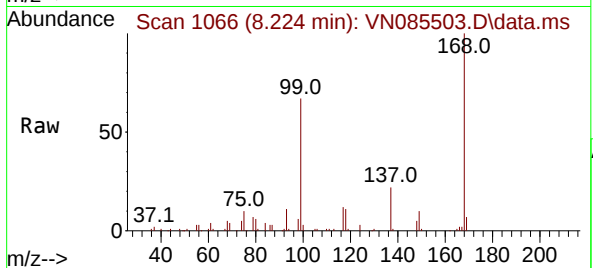
Tgt Ion: 75 Resp: 15613

Ion Ratio Lower Upper

75 100

110 9.4 16.5 49.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.307 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN085503.D

Acq: 17 Jan 2025 19:12

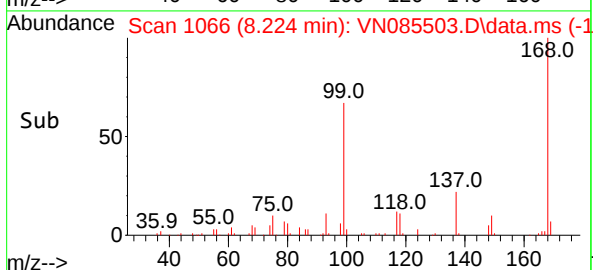
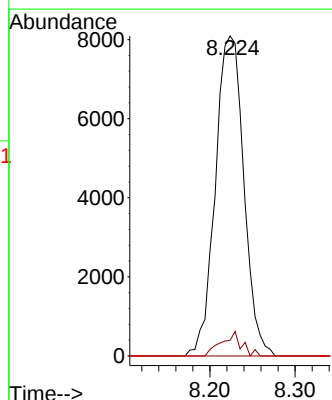
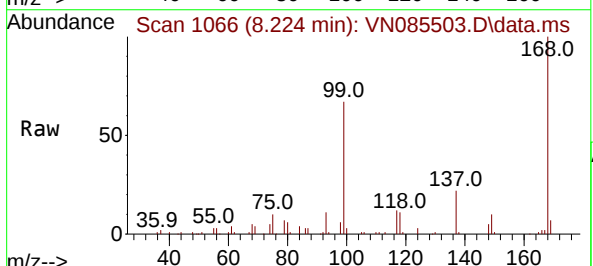
Tgt Ion: 117 Resp: 18786

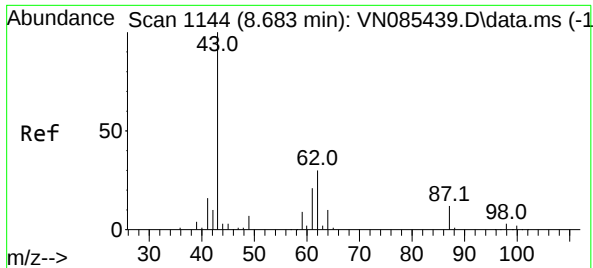
Ion Ratio Lower Upper

117 100

119 4.9 75.4 113.2#

121 0.0 24.6 37.0#

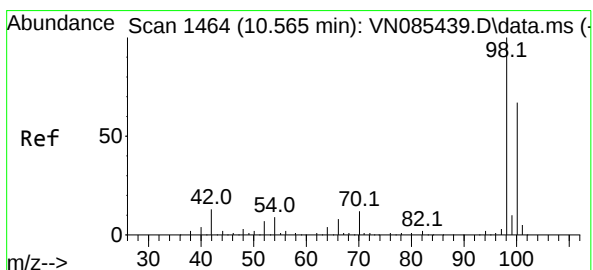
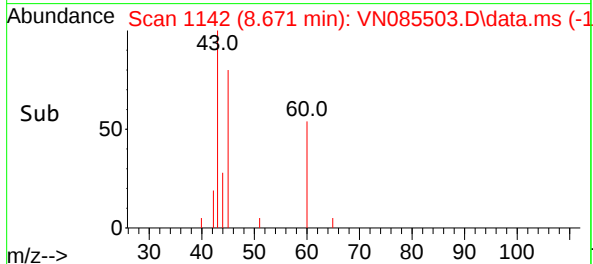
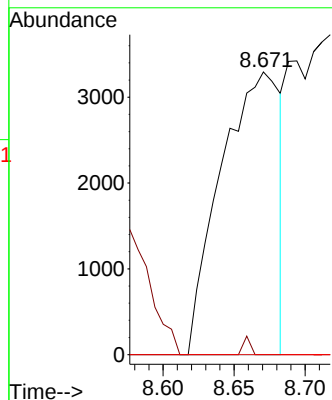
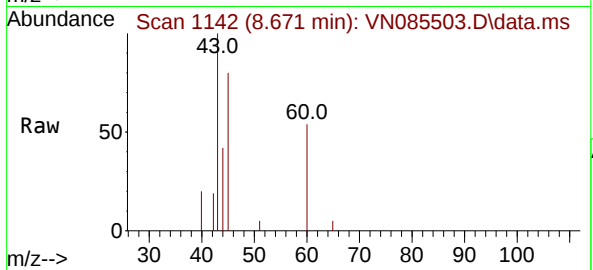




#43
Isopropyl Acetate
Concen: 1.906 ug/l
RT: 8.671 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN085503.D
Acq: 17 Jan 2025 19:12

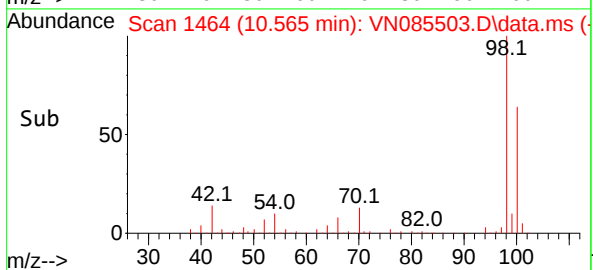
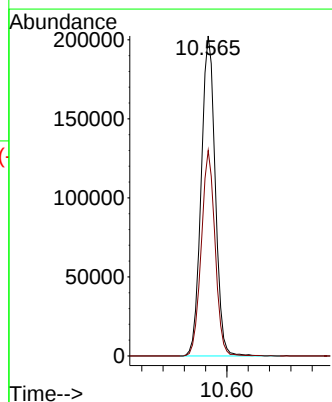
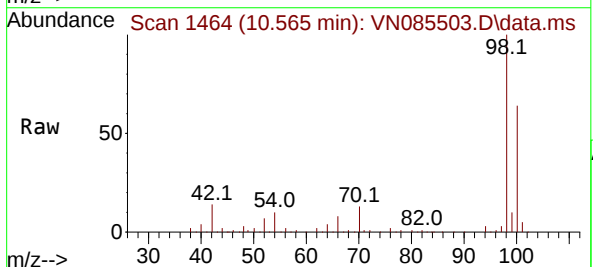
Instrument :
MSVOA_N
ClientSampleId :

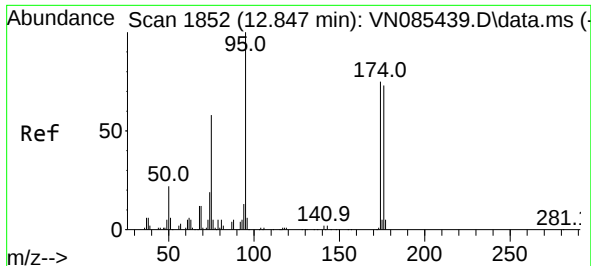
Tgt Ion: 43 Resp: 9532
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 47.305 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085503.D
Acq: 17 Jan 2025 19:12

Tgt Ion: 98 Resp: 370313
Ion Ratio Lower Upper
98 100
100 62.9 52.2 78.4

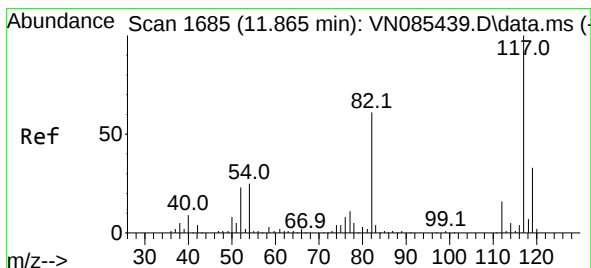
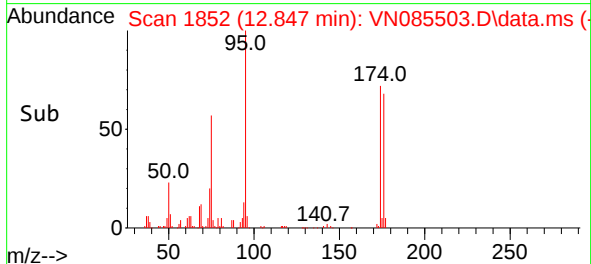
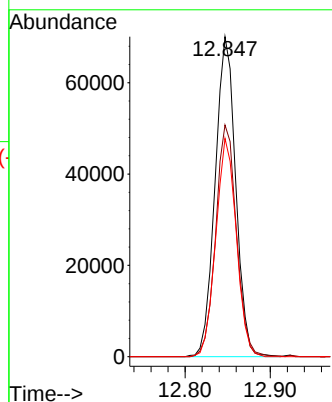
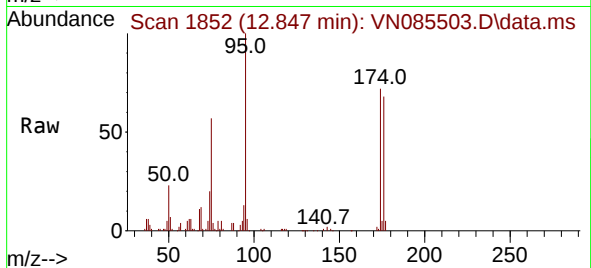




#62
4-Bromofluorobenzene
Concen: 43.849 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085503.D
Acq: 17 Jan 2025 19:12

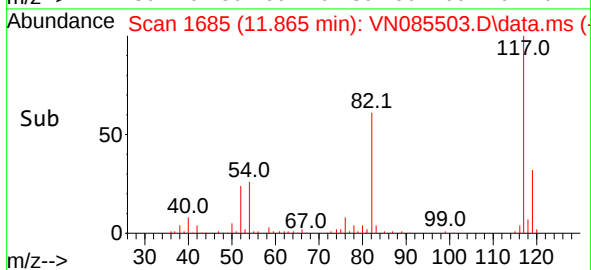
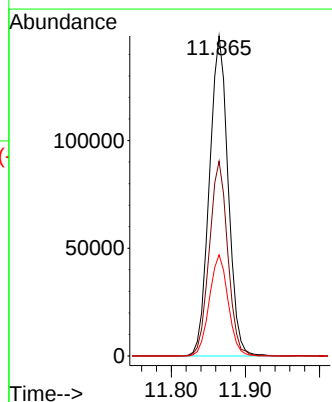
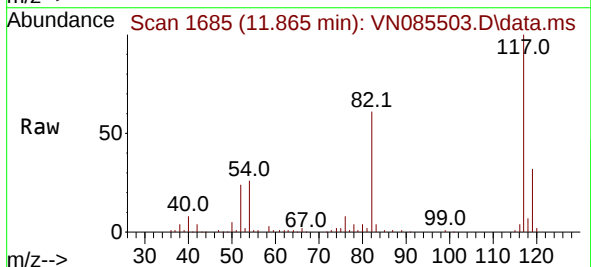
Instrument :
MSVOA_N
ClientSampleId :

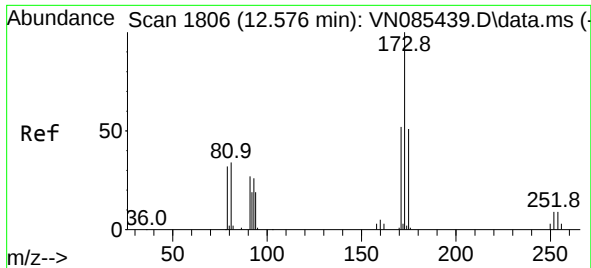
Tgt Ion: 95 Resp: 117421
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.0
176 68.1 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085503.D
Acq: 17 Jan 2025 19:12

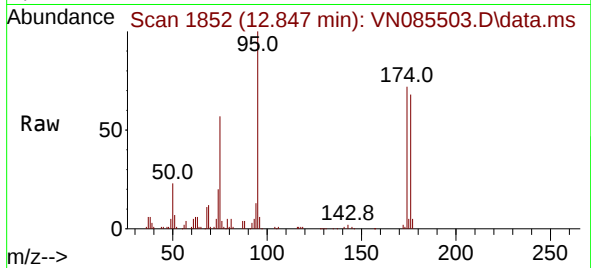
Tgt Ion: 117 Resp: 260599
Ion Ratio Lower Upper
117 100
82 60.9 48.6 72.8
119 31.6 26.6 39.8



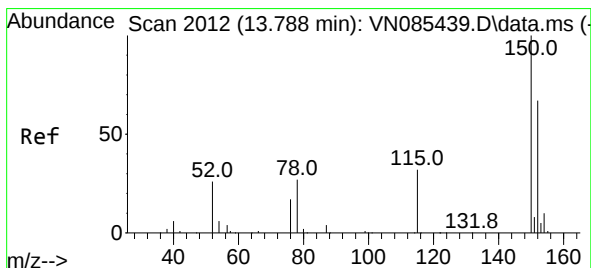
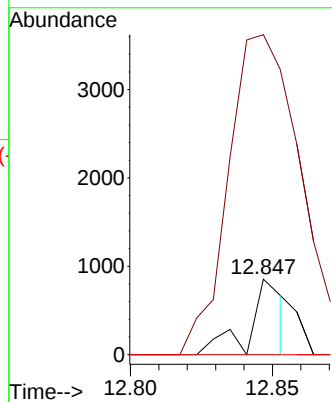
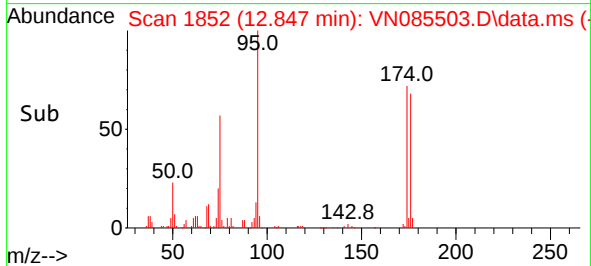


#71
Bromoform
Concen: 0.468 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.270 min
Lab File: VN085503.D
Acq: 17 Jan 2025 19:12

Instrument :
MSVOA_N
ClientSampleId :

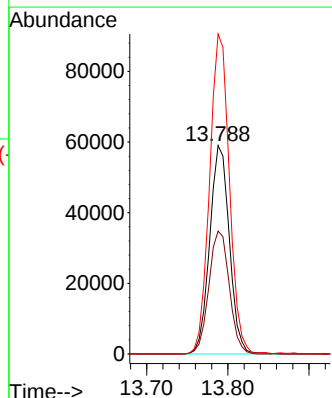
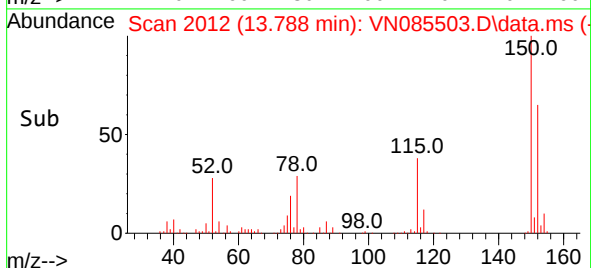
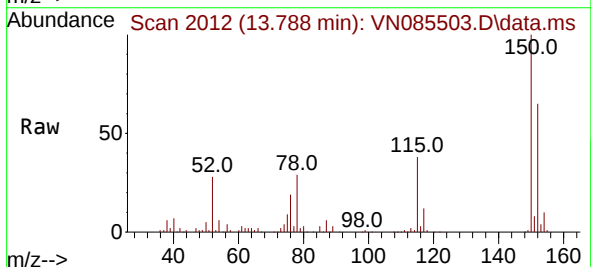


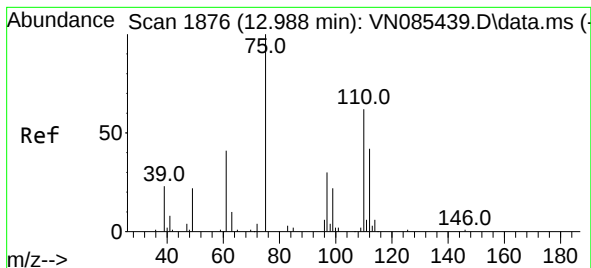
Tgt Ion:173 Resp: 702
Ion Ratio Lower Upper
173 100
175 688.5 24.4 73.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN085503.D
Acq: 17 Jan 2025 19:12

Tgt Ion:152 Resp: 99313
Ion Ratio Lower Upper
152 100
115 61.1 31.1 93.3
150 154.1 0.0 343.6

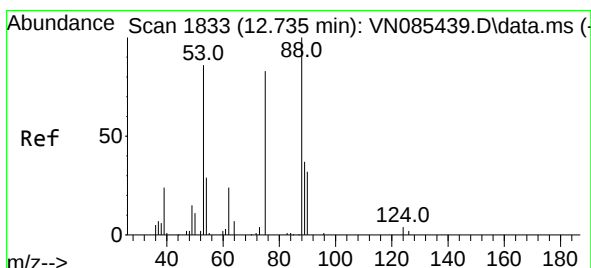
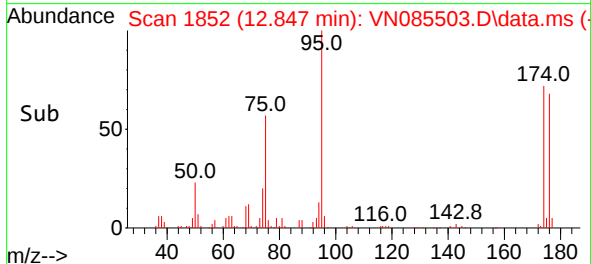
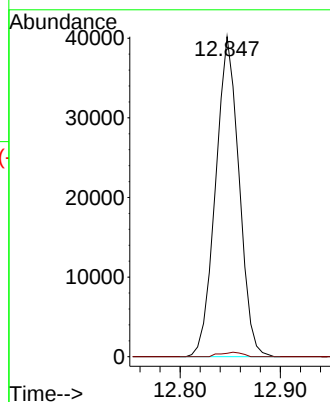
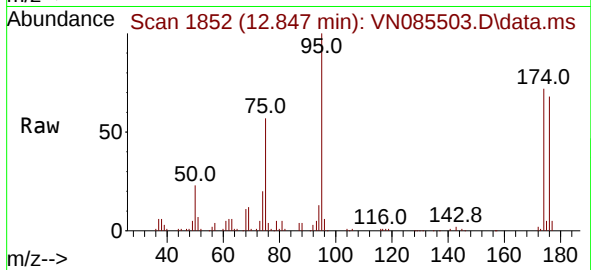




#76
1,2,3-Trichloropropane
Concen: 32.283 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085503.D
Acq: 17 Jan 2025 19:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 65165
Ion Ratio Lower Upper
75 100
77 1.3 109.7 329.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.344 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085503.D
Acq: 17 Jan 2025 19:12

Tgt Ion: 75 Resp: 65165
Ion Ratio Lower Upper
75 100
53 0.0 95.6 143.4#
89 0.0 37.0 55.6#

