

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085825.D
 Acq On : 22 Feb 2025 00:12
 Operator : JC\MD
 Sample : Q1405-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22-021925

Quant Time: Feb 22 02:46:14 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)

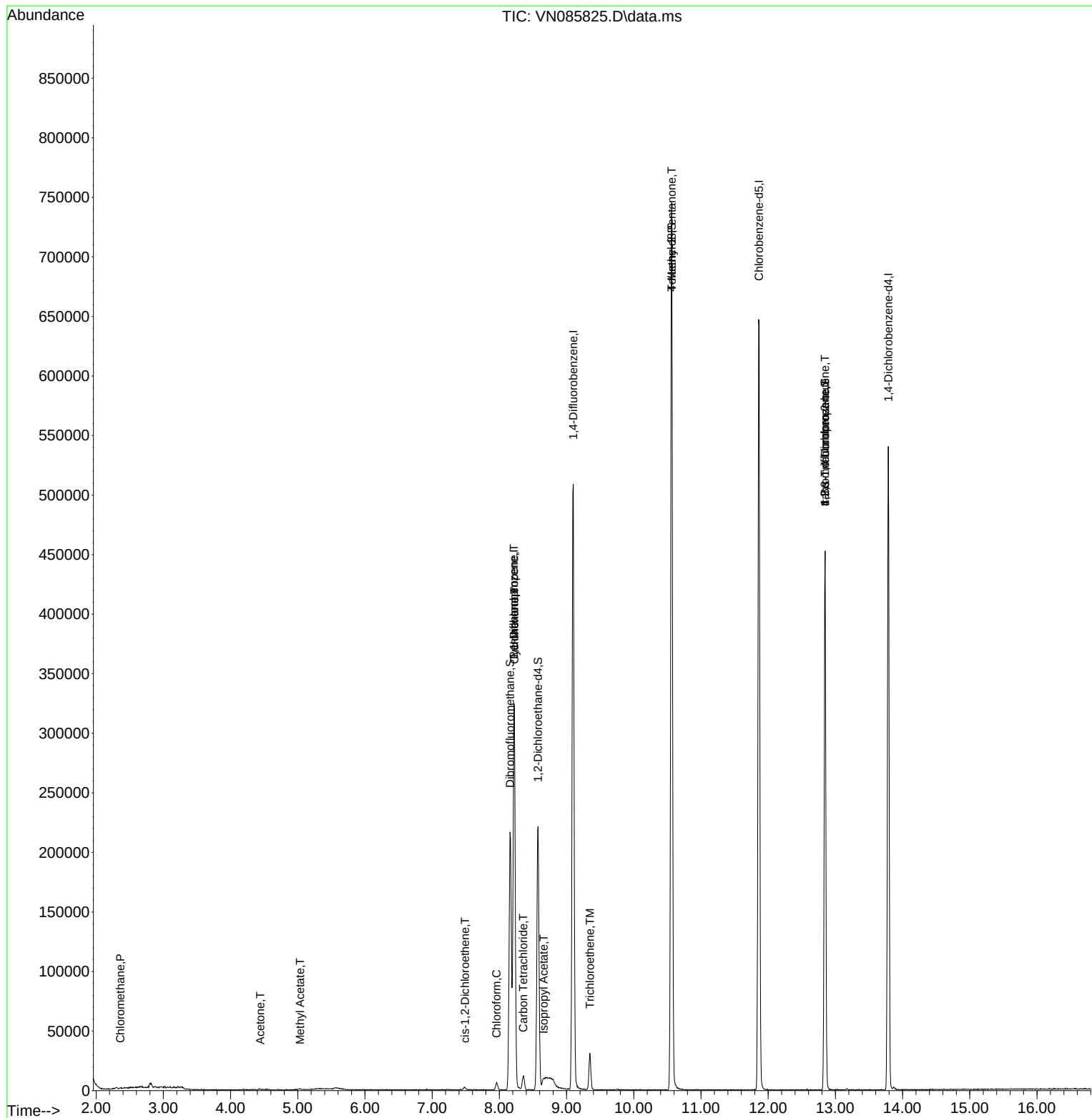
Internal Standards						
1) Pentafluorobenzene	8.218	168	234834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	450471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	393997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	181608	59.650	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.300%	
35) Dibromofluoromethane	8.159	113	160516	54.455	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.920%	
50) Toluene-d8	10.565	98	536620	50.037	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	12.847	95	156960	44.421	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	740	0.231	ug/l	98
16) Acetone	4.442	43	1353	1.404	ug/l #	40
18) Methyl Acetate	5.036	43	1613	0.487	ug/l #	80
27) cis-1,2-Dichloroethene	7.488	96	1319	0.410	ug/l	95
30) Chloroform	7.959	83	5931	1.093	ug/l	95
31) Cyclohexane	8.224	56	4972	1.143	ug/l #	2
36) 1,1-Dichloropropene	8.218	75	19386	4.647	ug/l #	50
38) Carbon Tetrachloride	8.353	117	8850	1.785	ug/l #	93
43) Isopropyl Acetate	8.659	43	5375	0.350	ug/l #	53
44) Trichloroethene	9.347	130	11581	3.528	ug/l	96
51) 4-Methyl-2-Pentanone	10.565	43	2128	0.643	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	78166	22.961	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	78166	66.994	ug/l #	13

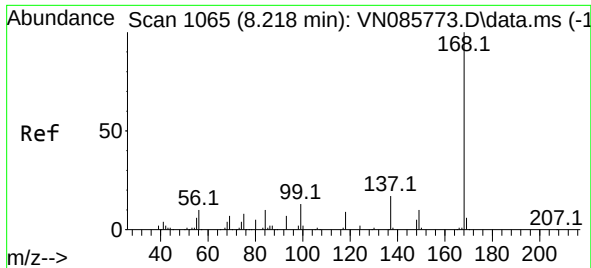
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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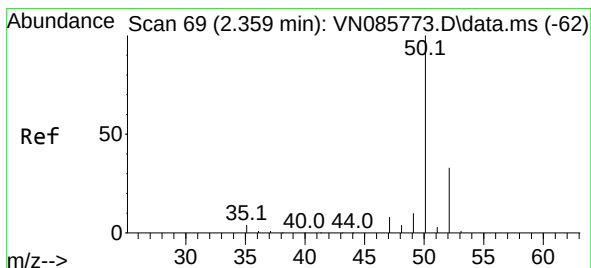
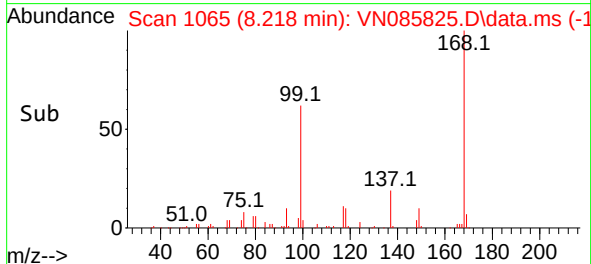
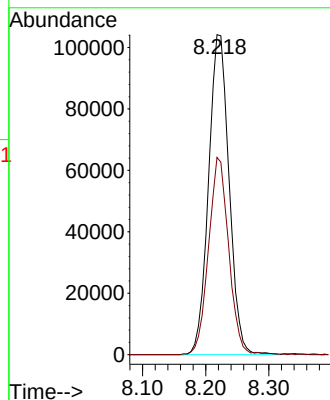
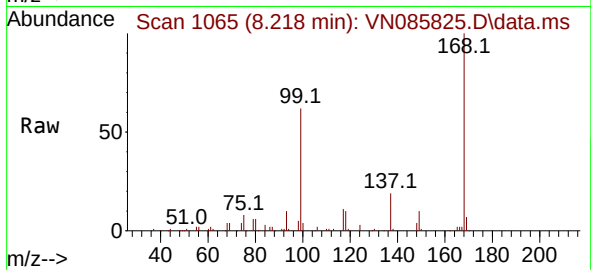




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085825.D
Acq: 22 Feb 2025 00:12

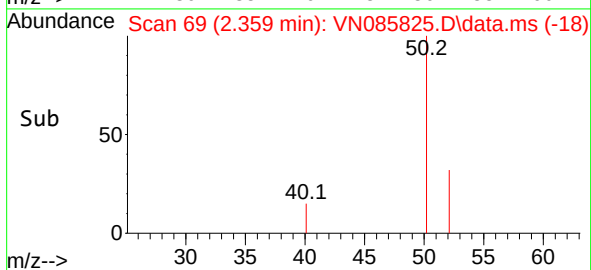
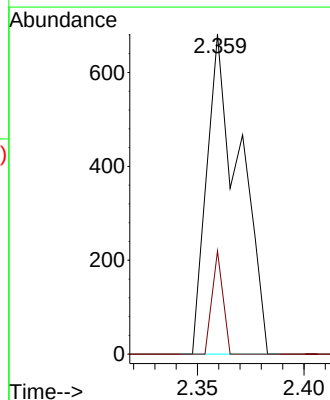
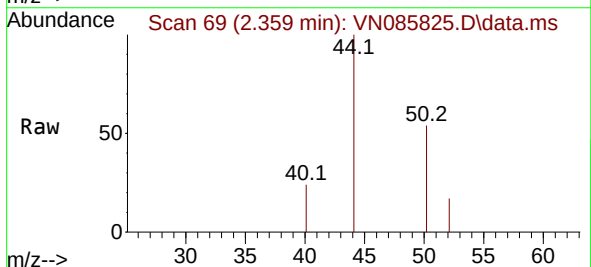
Instrument :
MSVOA_N
ClientSampleId :
MW-22-021925

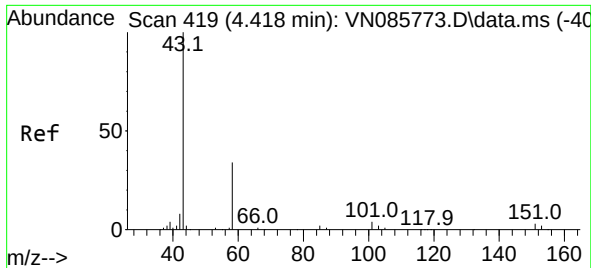
Tgt Ion:168 Resp: 234834
Ion Ratio Lower Upper
168 100
99 61.6 47.9 71.9



#3
Chloromethane
Concen: 0.231 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085825.D
Acq: 22 Feb 2025 00:12

Tgt Ion: 50 Resp: 740
Ion Ratio Lower Upper
50 100
52 32.3 26.7 40.1

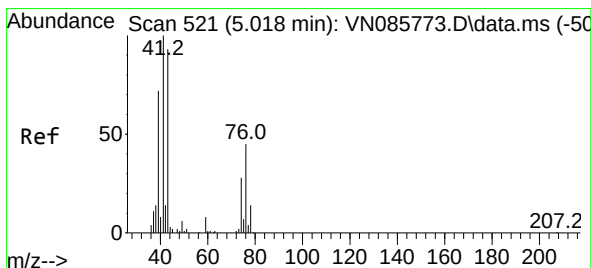
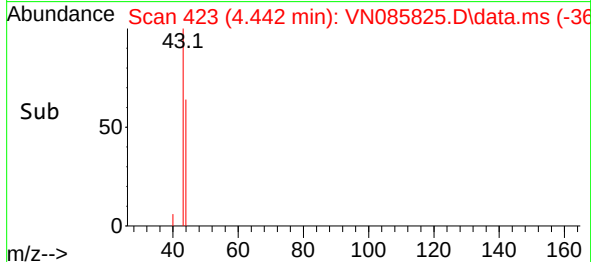
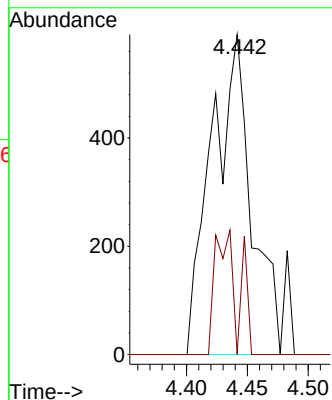
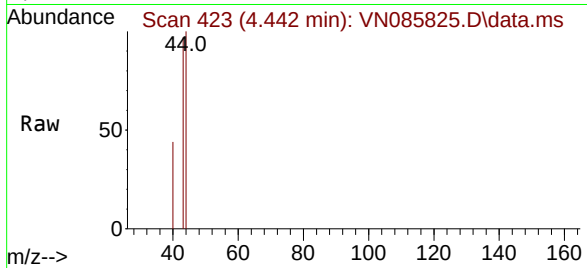




#16
Acetone
Concen: 1.404 ug/l
RT: 4.442 min Scan# 419
Delta R.T. 0.024 min
Lab File: VN085825.D
Acq: 22 Feb 2025 00:12

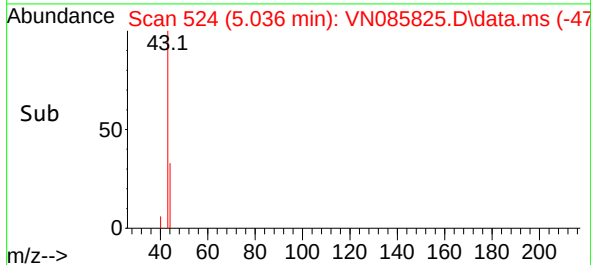
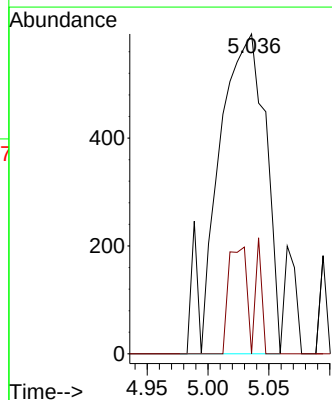
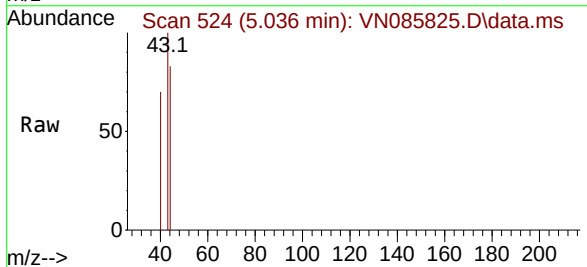
Instrument :
MSVOA_N
ClientSampleId :
MW-22-021925

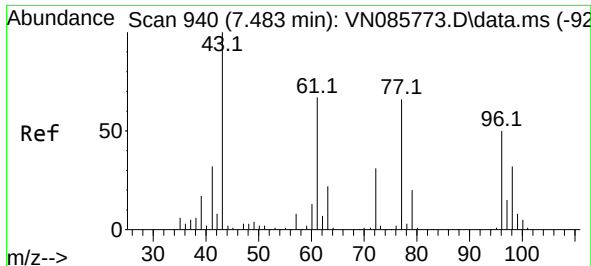
Tgt Ion: 43 Resp: 1353
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#18
Methyl Acetate
Concen: 0.487 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN085825.D
Acq: 22 Feb 2025 00:12

Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
74 17.3 22.2 33.4#

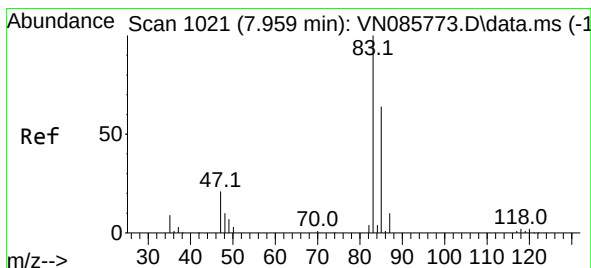
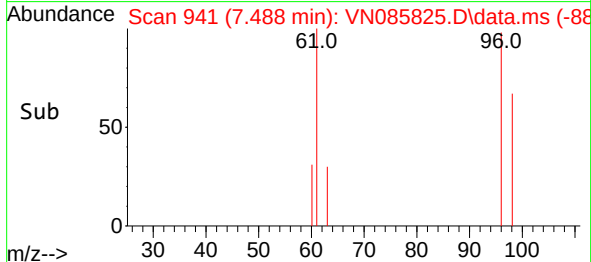
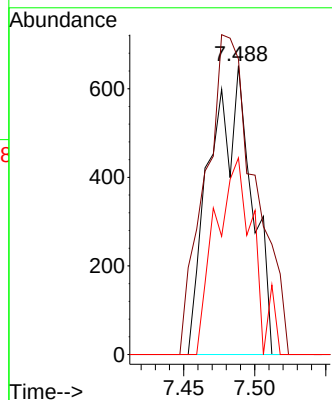
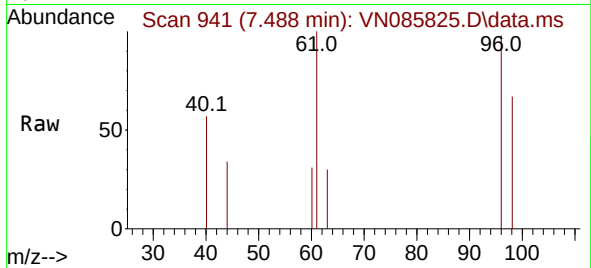




#27
 cis-1,2-Dichloroethene
 Concen: 0.410 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085825.D
 Acq: 22 Feb 2025 00:12

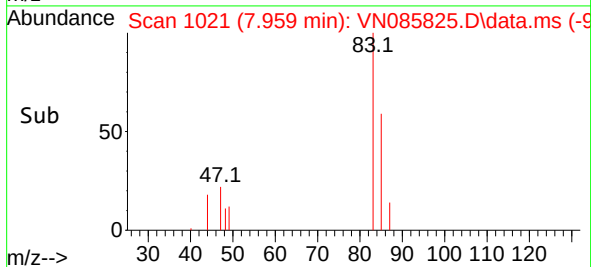
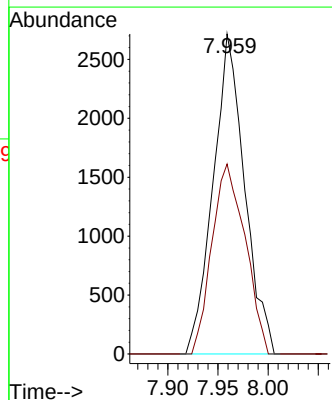
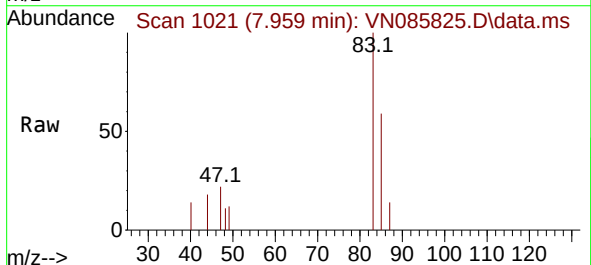
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22-021925

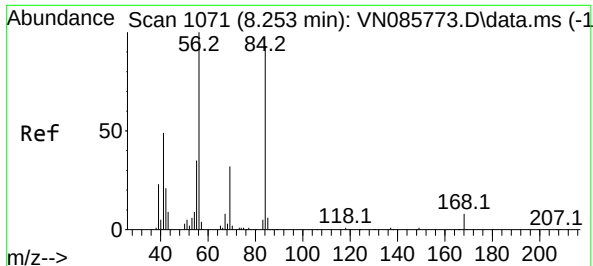
Tgt Ion: 96 Resp: 1319
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 280.6
 98 62.9 0.0 128.6



#30
 Chloroform
 Concen: 1.093 ug/l
 RT: 7.959 min Scan# 1021
 Delta R.T. 0.000 min
 Lab File: VN085825.D
 Acq: 22 Feb 2025 00:12

Tgt Ion: 83 Resp: 5931
 Ion Ratio Lower Upper
 83 100
 85 59.4 50.9 76.3

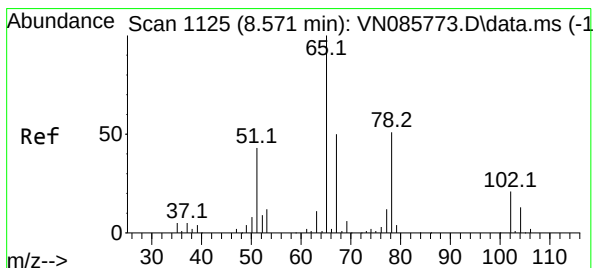
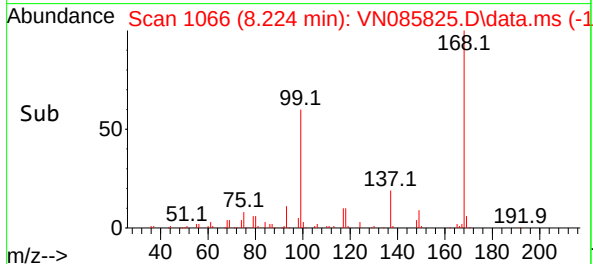
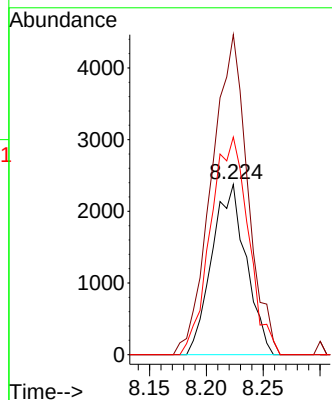
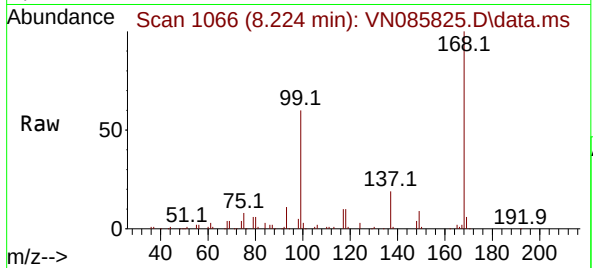




#31
Cyclohexane
Concen: 1.143 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085825.D
Acq: 22 Feb 2025 00:12

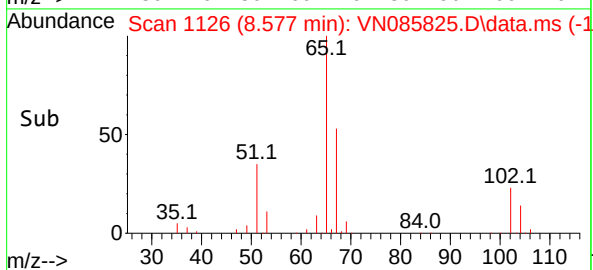
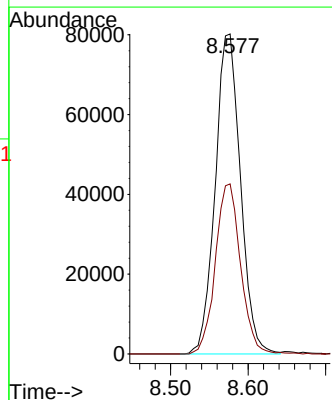
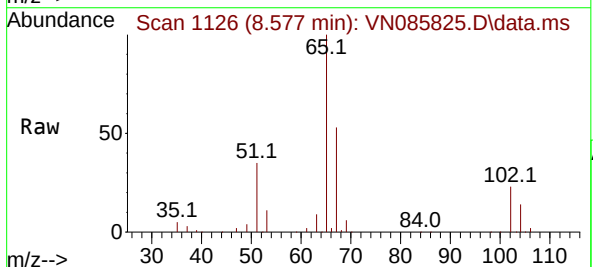
Instrument :
MSVOA_N
ClientSampleId :
MW-22-021925

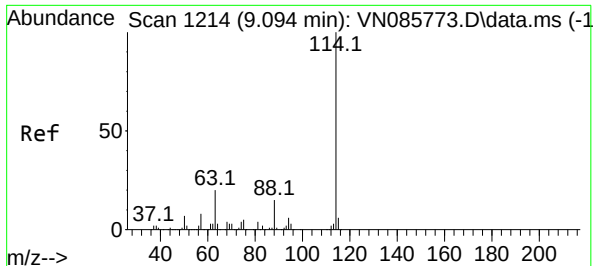
Tgt Ion: 56 Resp: 4972
Ion Ratio Lower Upper
56 100
69 188.0 25.8 38.6#
84 127.8 74.5 111.7#



#33
1,2-Dichloroethane-d4
Concen: 59.650 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085825.D
Acq: 22 Feb 2025 00:12

Tgt Ion: 65 Resp: 181608
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085825.D

Acq: 22 Feb 2025 00:12

Instrument :

MSVOA_N

ClientSampleId :

MW-22-021925

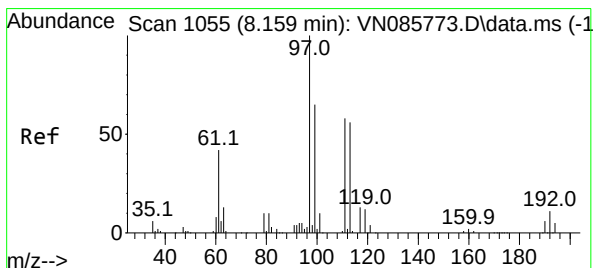
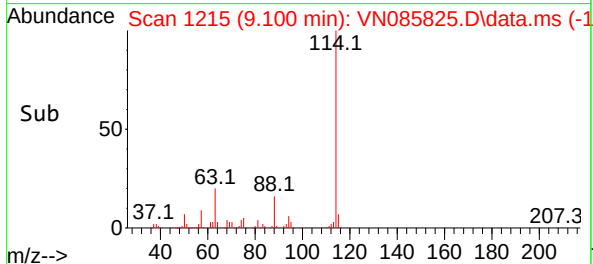
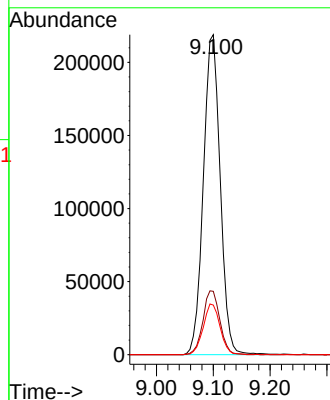
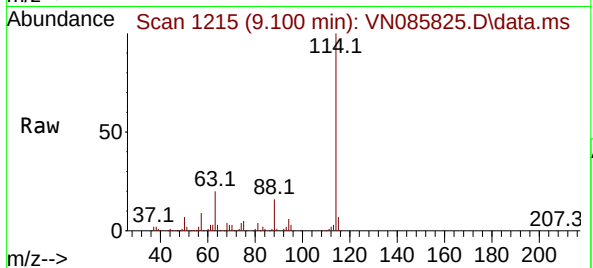
Tgt Ion:114 Resp: 450471

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 15.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 54.455 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085825.D

Acq: 22 Feb 2025 00:12

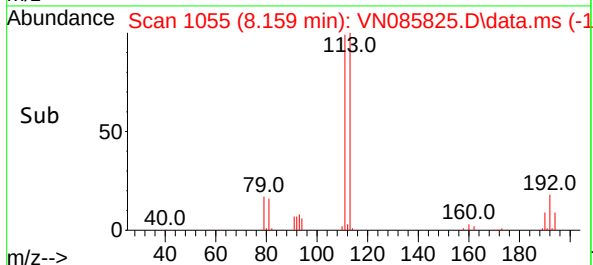
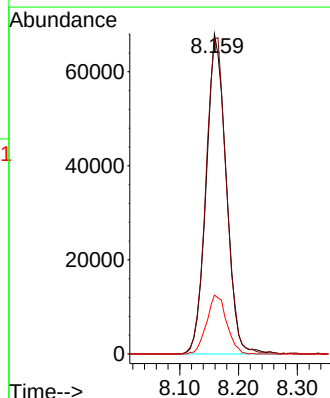
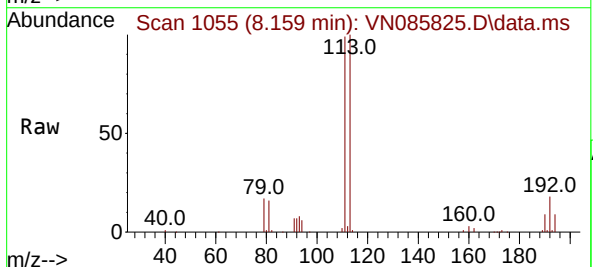
Tgt Ion:113 Resp: 160516

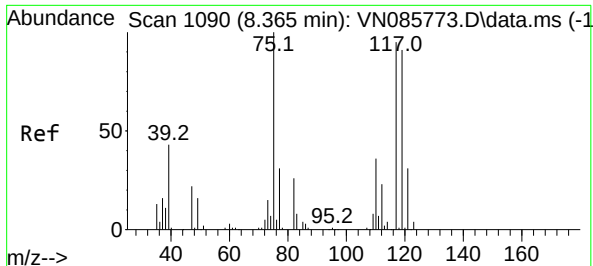
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 18.5 14.7 22.1





#36

1,1-Dichloropropene

Concen: 4.647 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085825.D

Acq: 22 Feb 2025 00:12

Instrument :

MSVOA_N

ClientSampleId :

MW-22-021925

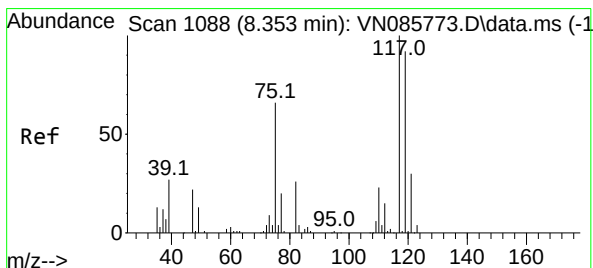
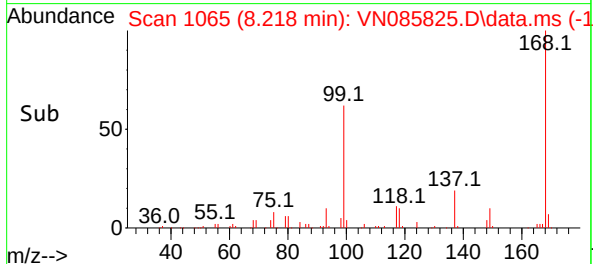
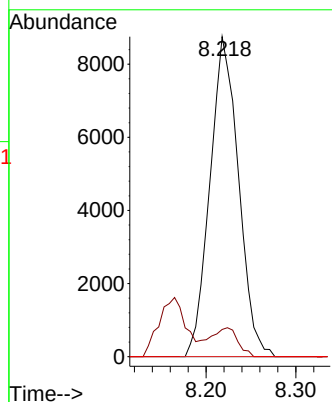
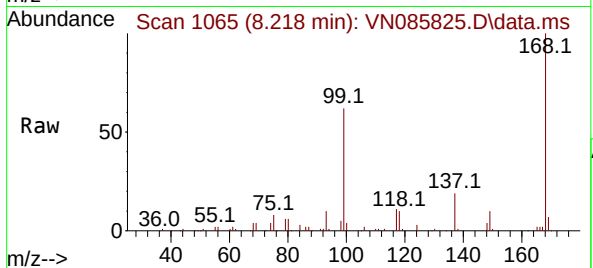
Tgt Ion: 75 Resp: 19386

Ion Ratio Lower Upper

75 100

110 8.5 17.3 52.0#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 1.785 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN085825.D

Acq: 22 Feb 2025 00:12

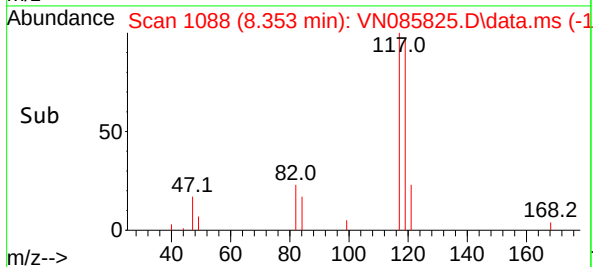
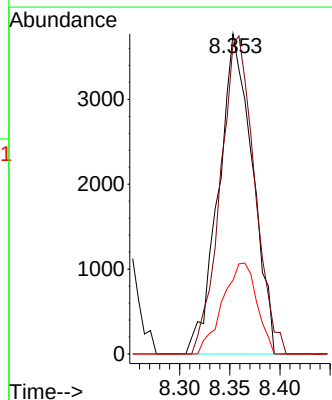
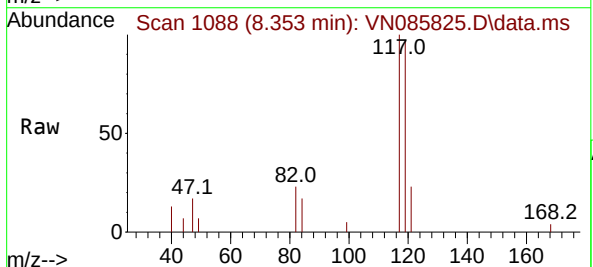
Tgt Ion: 117 Resp: 8850

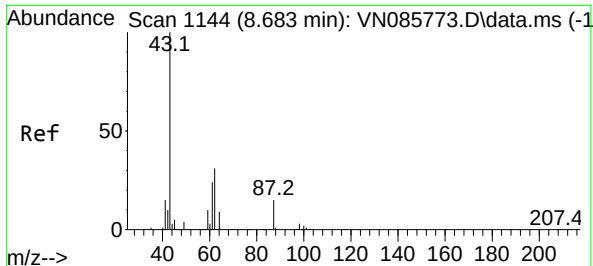
Ion Ratio Lower Upper

117 100

119 96.9 73.8 110.6

121 23.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: 0.350 ug/l

RT: 8.659 min Scan# 1144

Delta R.T. -0.024 min

Lab File: VN085825.D

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MSVOA_N

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MW-22-021925

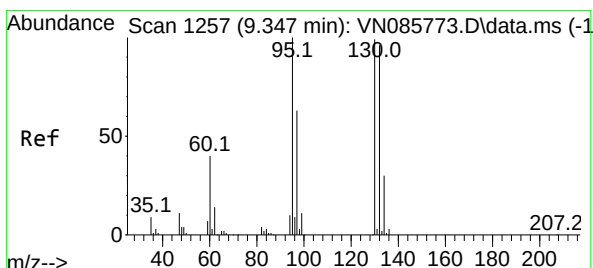
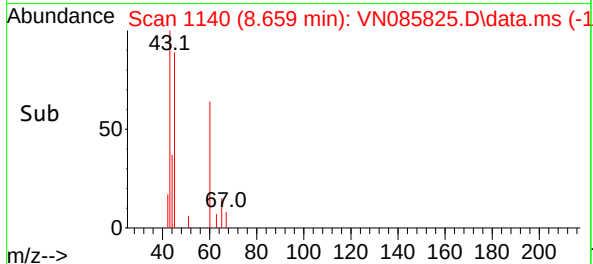
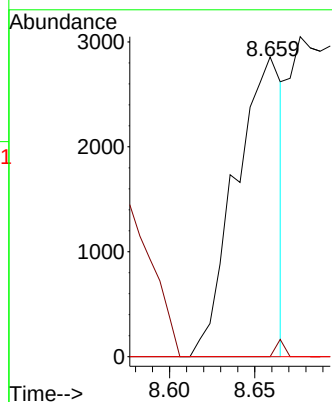
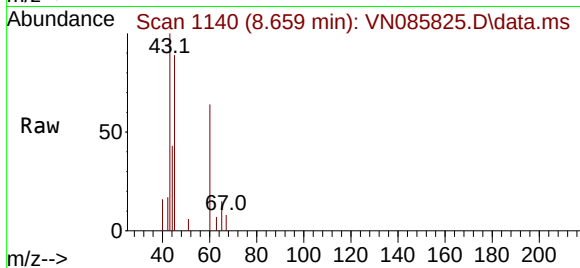
Tgt Ion: 43 Resp: 5375

Ion Ratio Lower Upper

43 100

61 0.0 22.6 34.0#

87 0.0 11.8 17.8#



#44

Trichloroethene

Concen: 3.528 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN085825.D

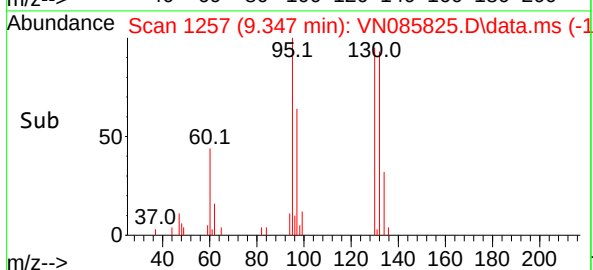
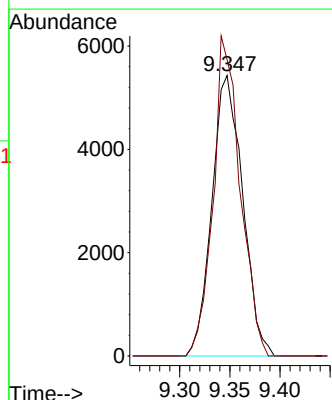
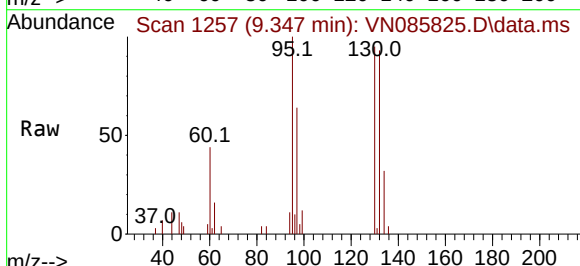
Acq: 22 Feb 2025 00:12

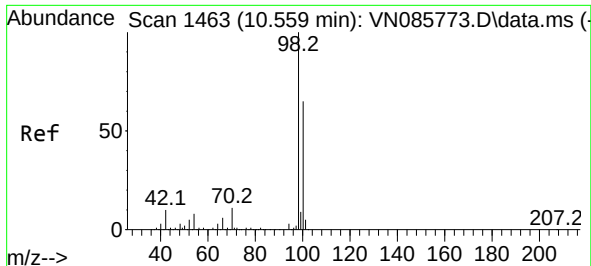
Tgt Ion:130 Resp: 11581

Ion Ratio Lower Upper

130 100

95 105.6 0.0 202.6

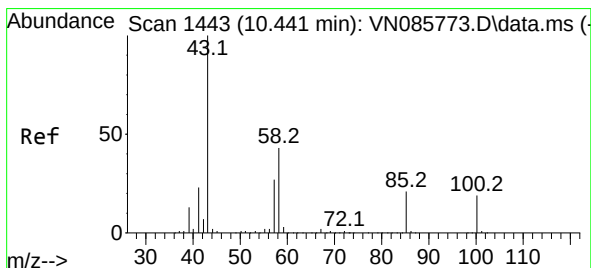
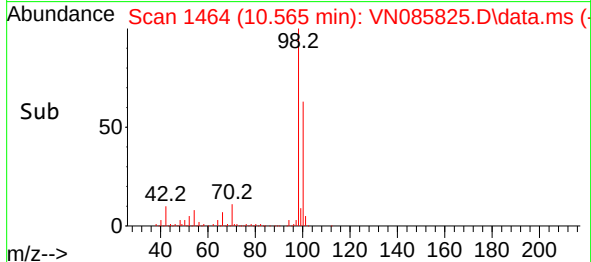
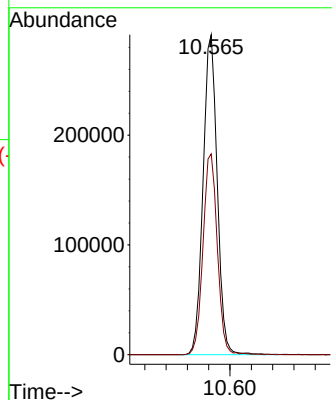
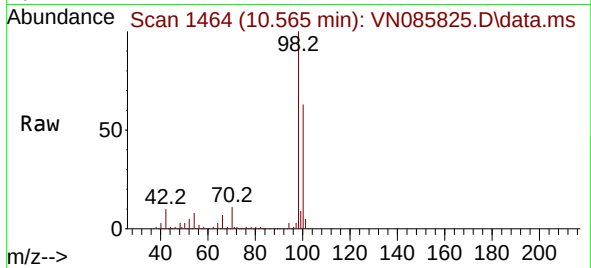




#50
Toluene-d8
Concen: 50.037 ug/l
RT: 10.565 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VN085825.D
Acq: 22 Feb 2025 00:12

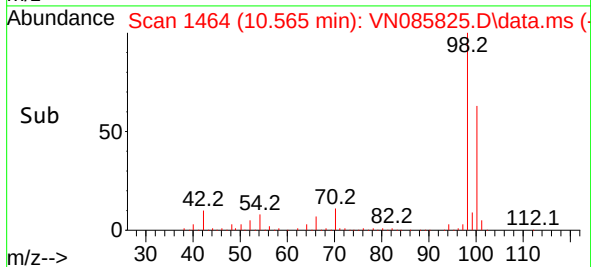
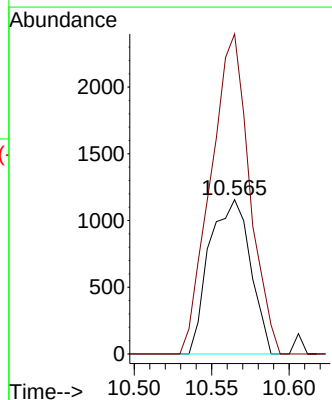
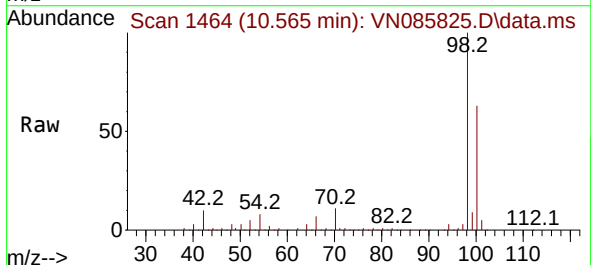
Instrument :
MSVOA_N
ClientSampleId :
MW-22-021925

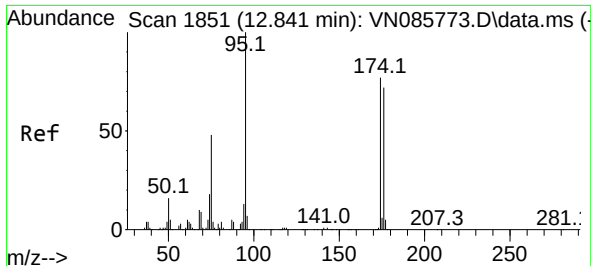
Tgt Ion: 98 Resp: 536620
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.643 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN085825.D
Acq: 22 Feb 2025 00:12

Tgt Ion: 43 Resp: 2128
Ion Ratio Lower Upper
43 100
58 196.0 34.6 52.0#

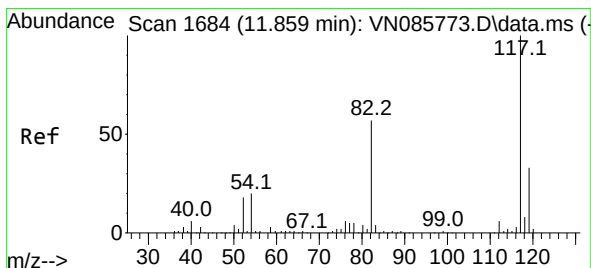
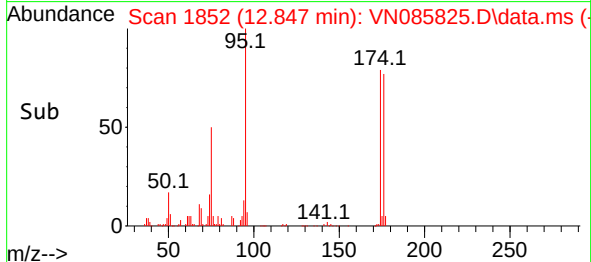
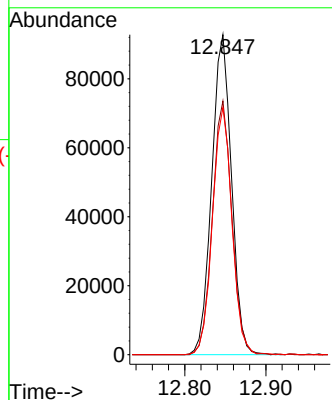
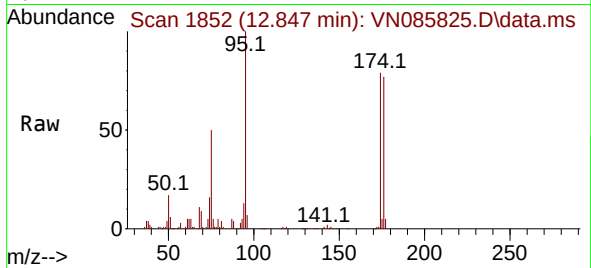




#62
4-Bromofluorobenzene
Concen: 44.421 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085825.D
Acq: 22 Feb 2025 00:12

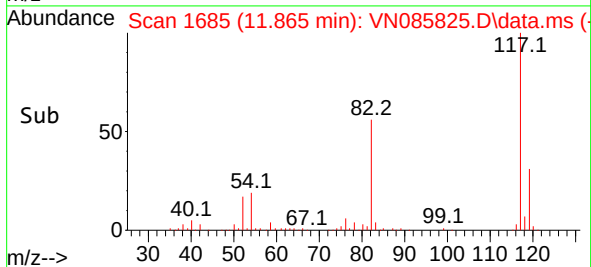
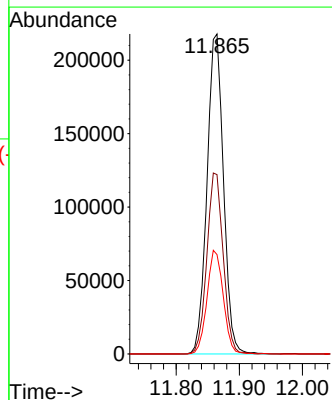
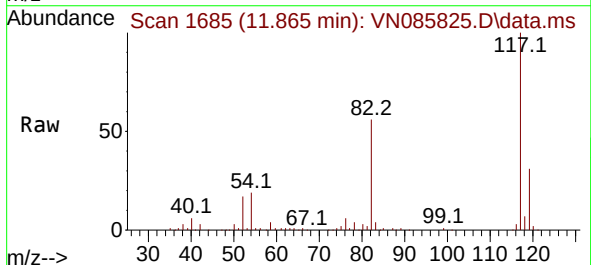
Instrument :
MSVOA_N
ClientSampleId :
MW-22-021925

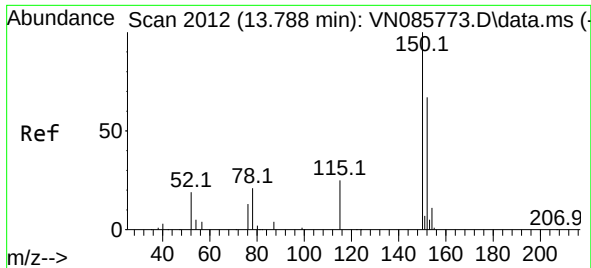
Tgt Ion: 95 Resp: 156960
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.4
176 76.1 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085825.D
Acq: 22 Feb 2025 00:12

Tgt Ion: 117 Resp: 393997
Ion Ratio Lower Upper
117 100
82 56.1 45.7 68.5
119 31.1 26.2 39.2

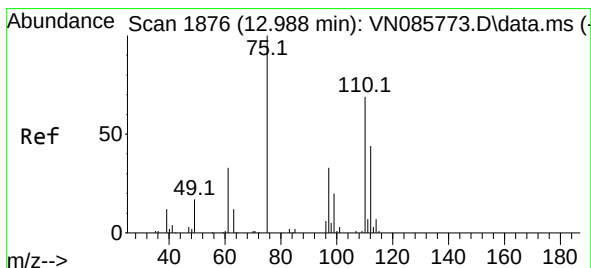
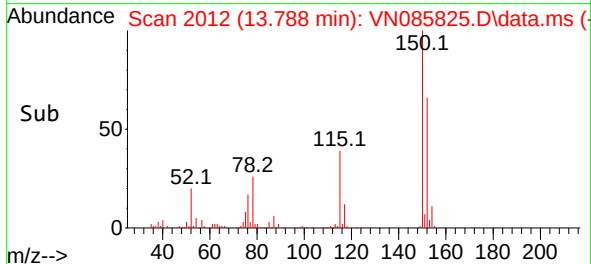
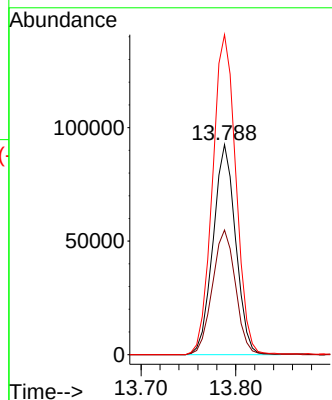
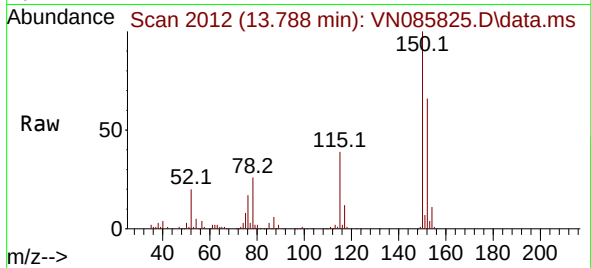




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN085825.D
 Acq: 22 Feb 2025 00:12

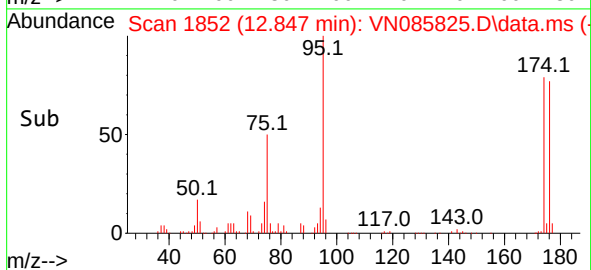
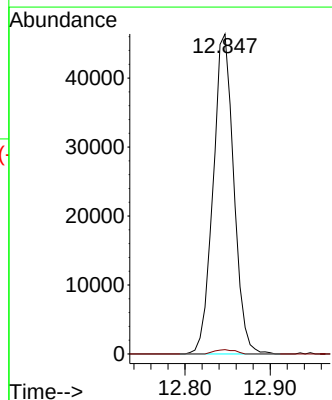
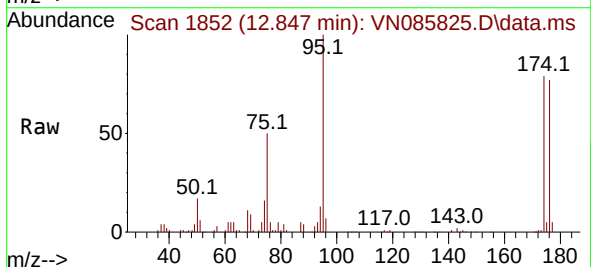
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22-021925

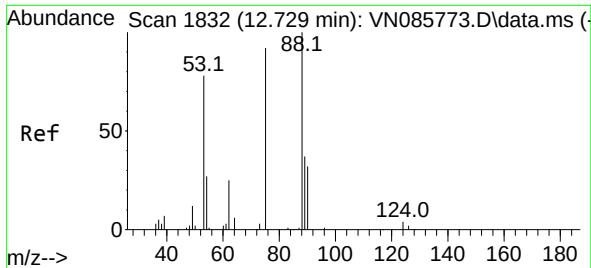
Tgt Ion:152 Resp: 153256
 Ion Ratio Lower Upper
 152 100
 115 60.8 30.4 91.3
 150 158.2 0.0 345.4



#76
 1,2,3-Trichloropropane
 Concen: 22.961 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085825.D
 Acq: 22 Feb 2025 00:12

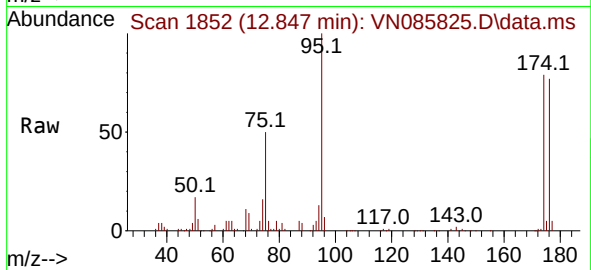
Tgt Ion: 75 Resp: 78166
 Ion Ratio Lower Upper
 75 100
 77 1.4 100.0 300.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.994 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN085825.D
 Acq: 22 Feb 2025 00:12

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22-021925



Tgt Ion: 75 Resp: 78166
 Ion Ratio Lower Upper
 75 100
 53 0.2 74.2 111.4#
 89 0.0 34.9 52.3#

