

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085824.D
 Acq On : 21 Feb 2025 23:49
 Operator : JC\MD
 Sample : Q1405-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20D-FD-021325

Quant Time: Feb 22 02:45:49 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)

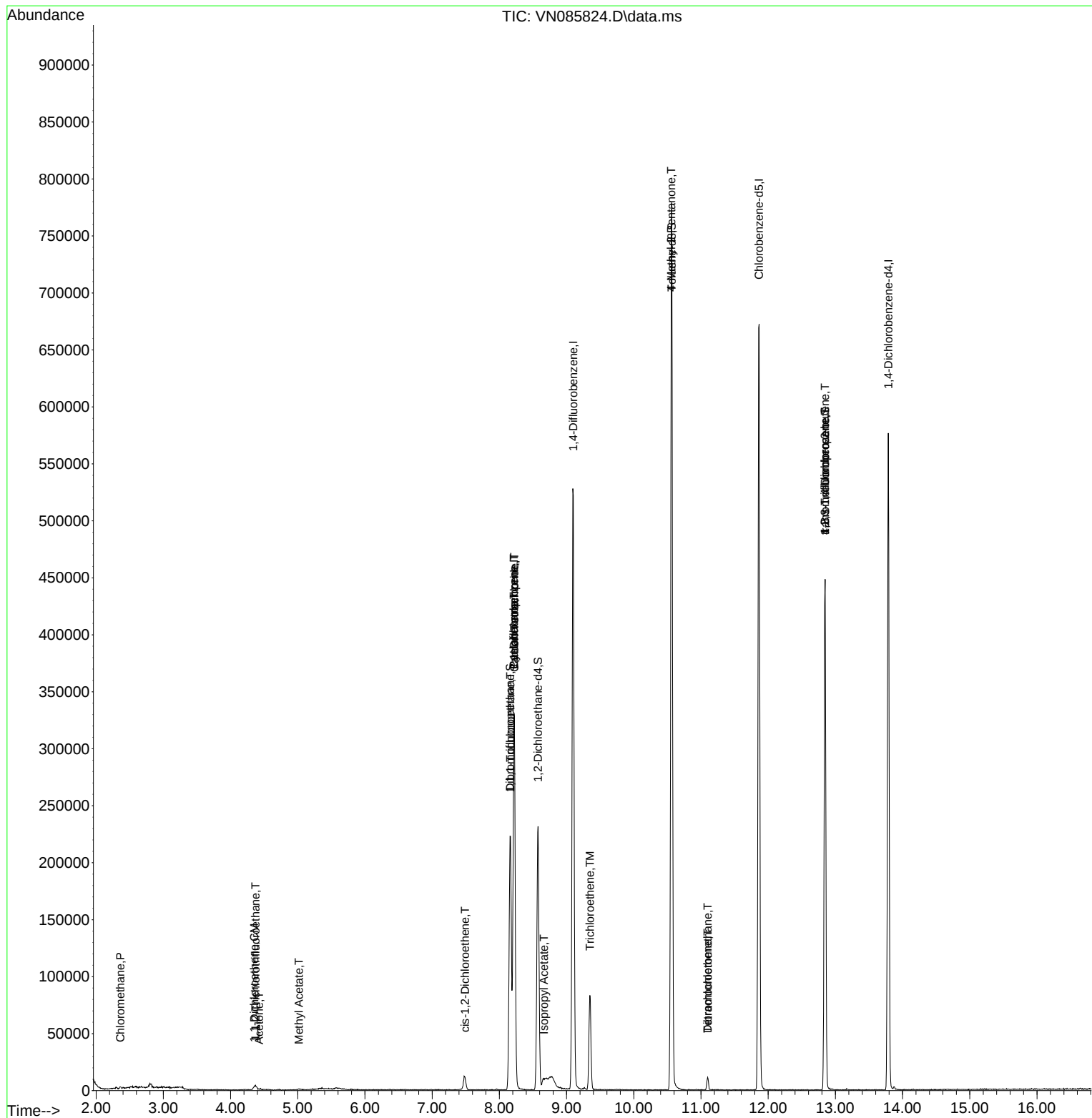
Internal Standards						
1) Pentafluorobenzene	8.218	168	239211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	459951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	408946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	187355	60.412	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 120.820%		
35) Dibromofluoromethane	8.159	113	164845	54.771	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 109.540%		
50) Toluene-d8	10.565	98	554626	50.650	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.300%		
62) 4-Bromofluorobenzene	12.847	95	164557	45.611	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1040	0.319	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	2734	0.945	ug/l #	84
12) 1,1-Dichloroethene	4.353	96	786	0.300	ug/l #	47
16) Acetone	4.424	43	729	0.743	ug/l	100
18) Methyl Acetate	5.018	43	723	0.214	ug/l #	63
27) cis-1,2-Dichloroethene	7.488	96	7591	2.318	ug/l	93
31) Cyclohexane	8.218	56	5259	1.187	ug/l #	1
32) 1,1,1-Trichloroethane	8.165	97	1710	0.348	ug/l #	24
36) 1,1-Dichloropropene	8.218	75	19963	4.687	ug/l #	49
38) Carbon Tetrachloride	8.224	117	25768	5.091	ug/l #	18
43) Isopropyl Acetate	8.665	43	6444	0.507	ug/l #	55
44) Trichloroethene	9.347	130	31231	9.317	ug/l	92
51) 4-Methyl-2-Pentanone	10.559	43	1895	0.561	ug/l #	1
60) Dibromochloromethane	11.100	129	2500	0.675	ug/l #	10
64) Tetrachloroethene	11.100	164	2829	0.893	ug/l #	87
76) 1,2,3-Trichloropropane	12.847	75	81151	22.466	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81151	65.551	ug/l #	13

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
Data File : VN085824.D
Acq On : 21 Feb 2025 23:49
Operator : JC\MD
Sample : Q1405-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-20D-FD-021325

Quant Time: Feb 22 02:45:49 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

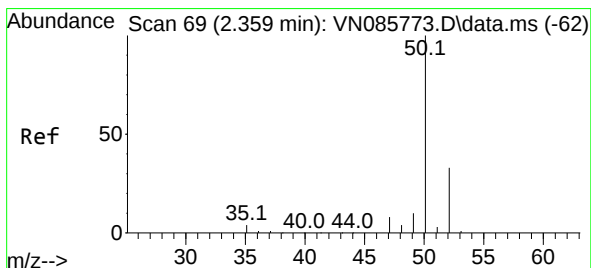
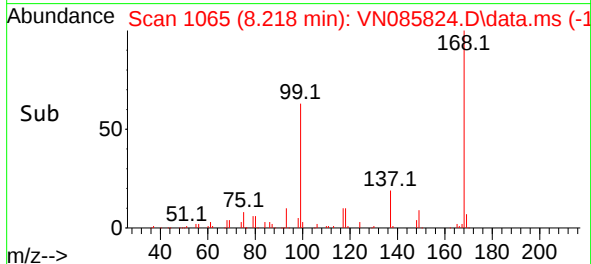
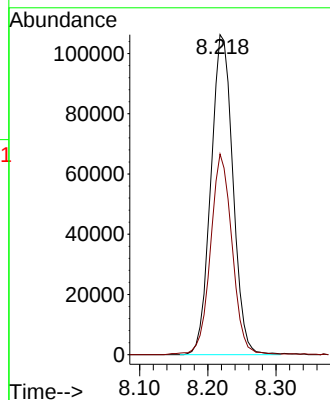
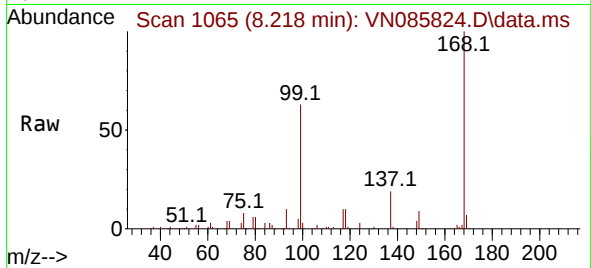




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

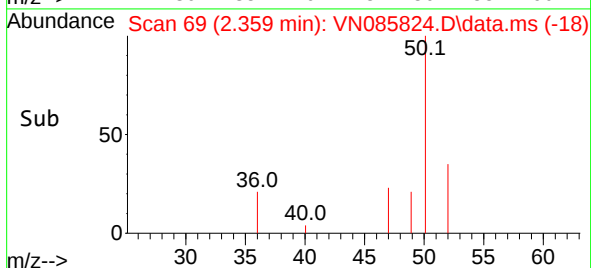
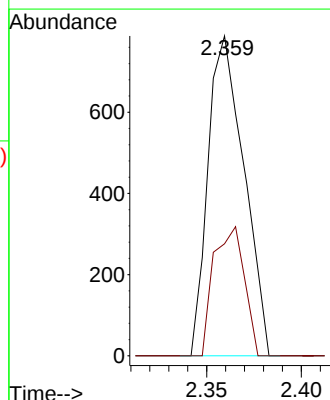
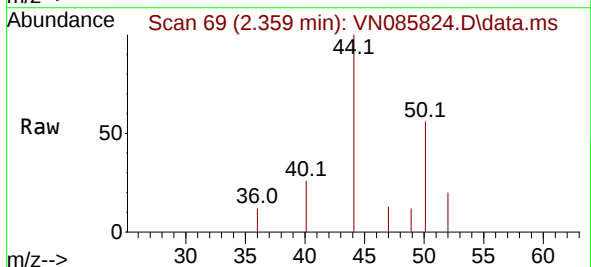
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-FD-021325

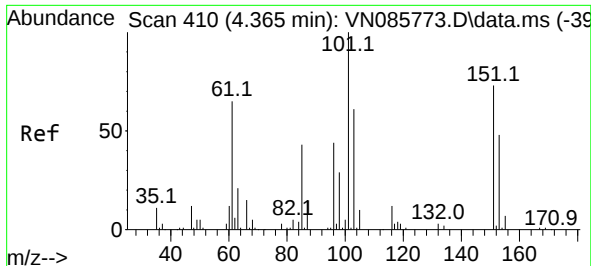
Tgt Ion:168 Resp: 239211
Ion Ratio Lower Upper
168 100
99 62.5 47.9 71.9



#3
Chloromethane
Concen: 0.319 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

Tgt Ion: 50 Resp: 1040
Ion Ratio Lower Upper
50 100
52 35.0 26.7 40.1

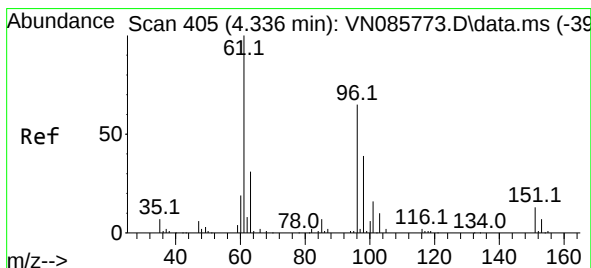
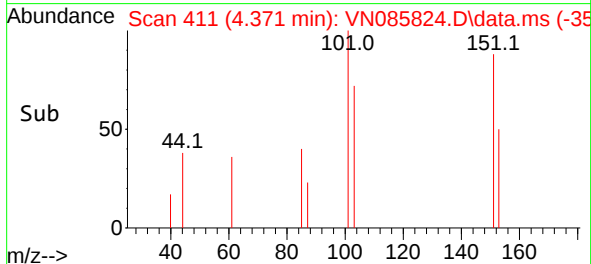
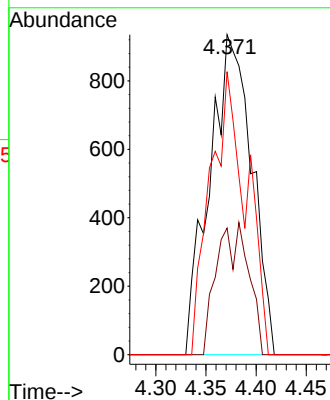
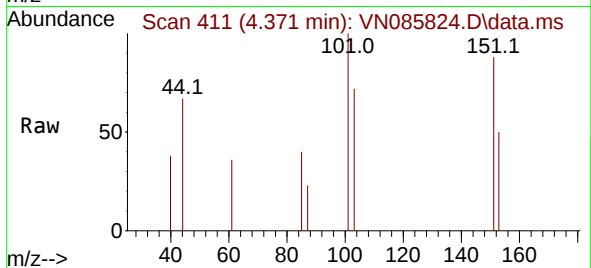




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.945 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

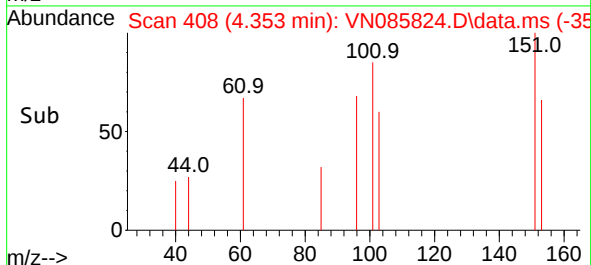
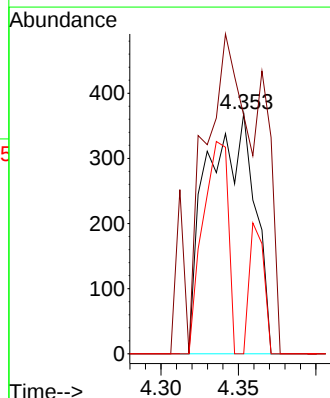
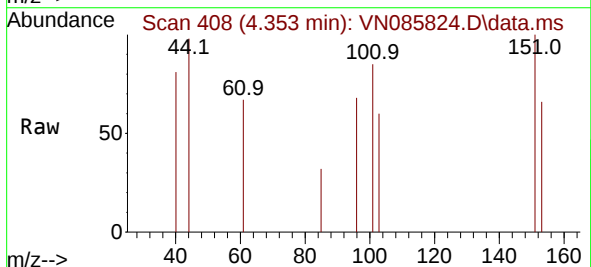
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-FD-021325

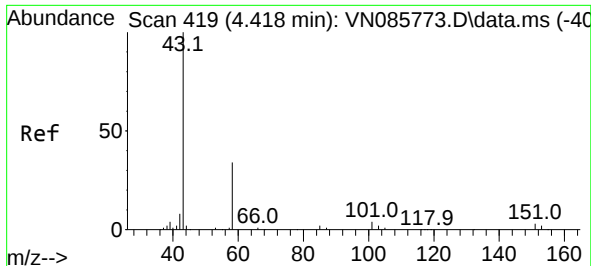
Tgt Ion:101 Resp: 2734
Ion Ratio Lower Upper
101 100
85 17.5 35.7 53.5#
151 75.8 61.4 92.2



#12
1,1-Dichloroethene
Concen: 0.300 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.018 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

Tgt Ion: 96 Resp: 786
Ion Ratio Lower Upper
96 100
61 99.2 123.3 184.9#
98 0.0 48.6 72.8#

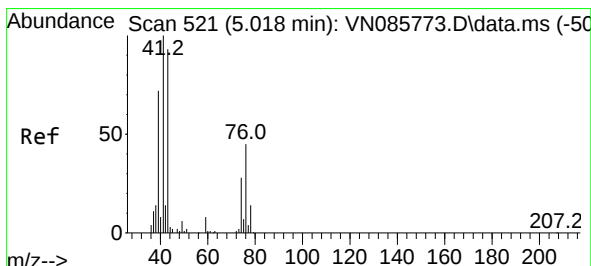
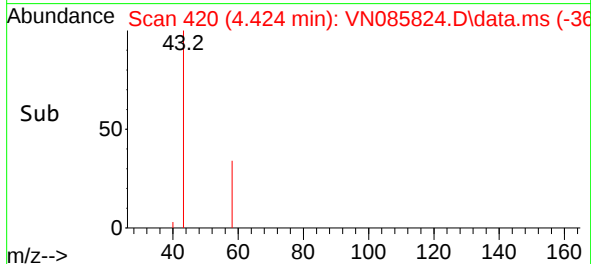
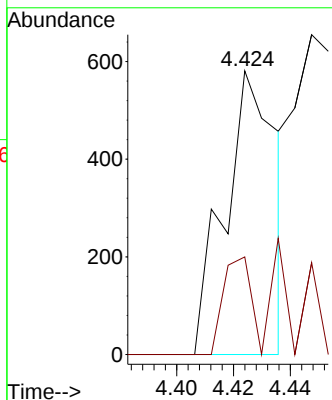
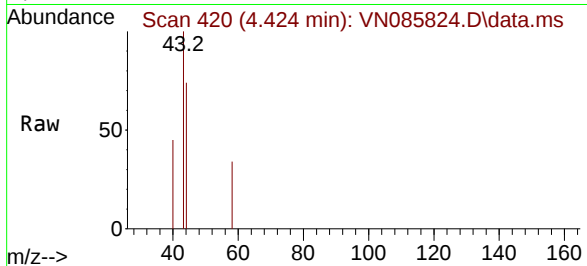




#16
Acetone
Concen: 0.743 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

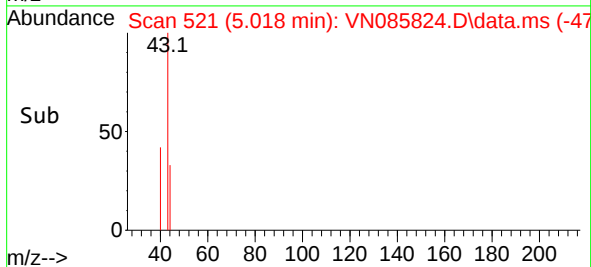
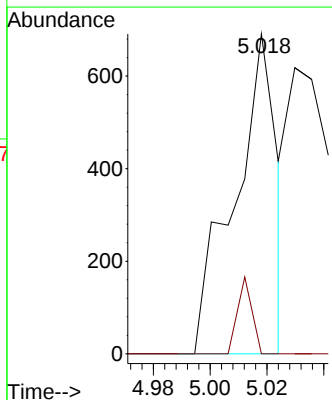
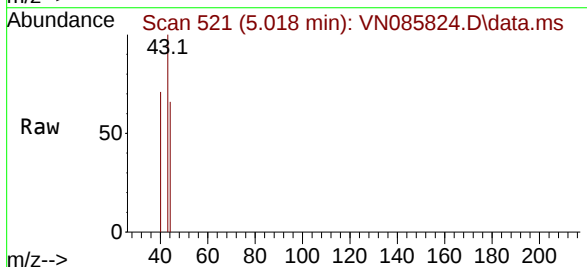
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-FD-021325

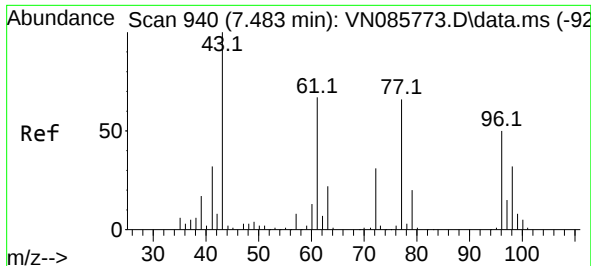
Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
58 34.4 27.5 41.3



#18
Methyl Acetate
Concen: 0.214 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
74 8.2 22.2 33.4#

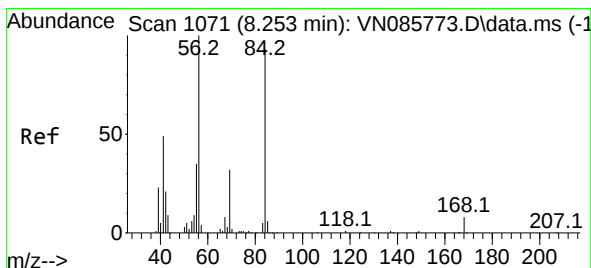
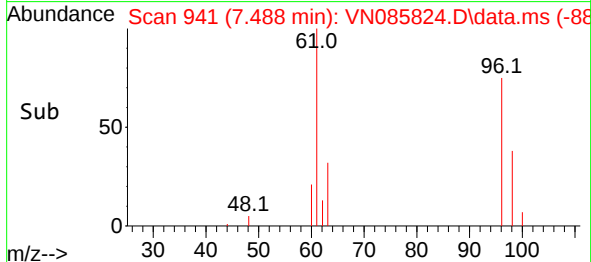
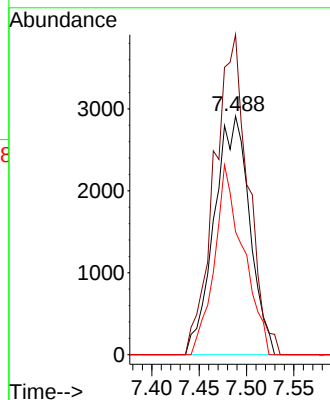
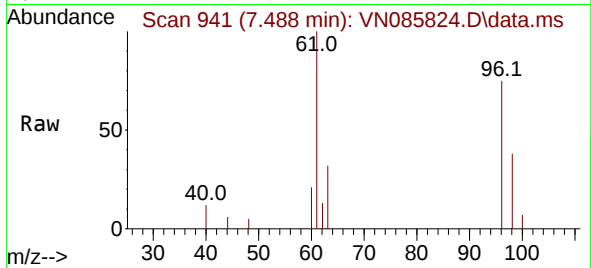




#27
 cis-1,2-Dichloroethene
 Concen: 2.318 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085824.D
 Acq: 21 Feb 2025 23:49

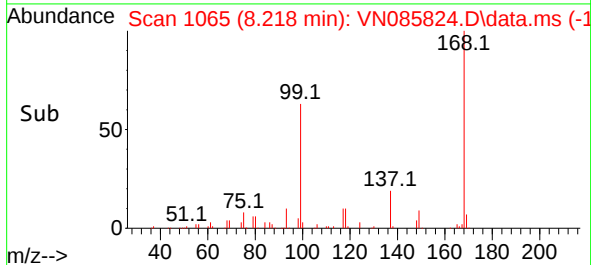
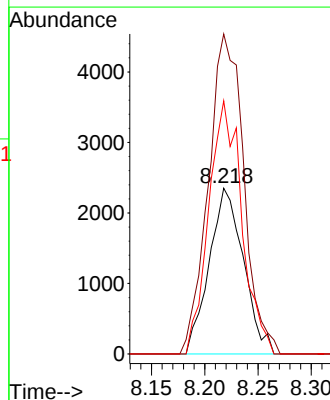
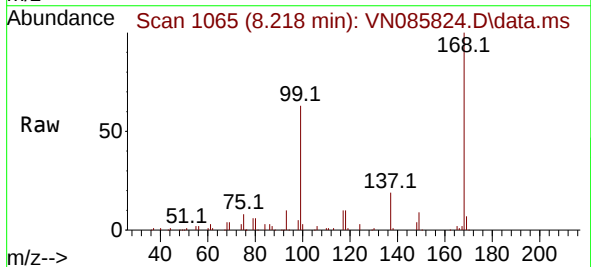
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20D-FD-021325

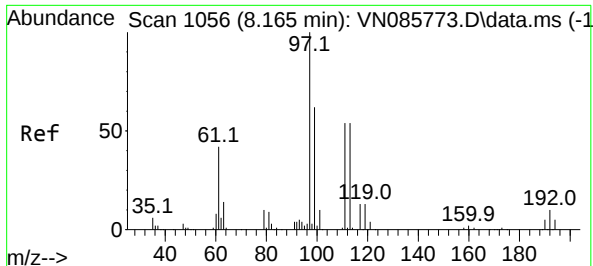
Tgt Ion: 96	Resp: 7591
Ion Ratio	Lower Upper
96 100	
61 127.4	0.0 280.6
98 64.6	0.0 128.6



#31
 Cyclohexane
 Concen: 1.187 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.035 min
 Lab File: VN085824.D
 Acq: 21 Feb 2025 23:49

Tgt Ion: 56	Resp: 5259		
Ion Ratio	Lower	Upper	
56	100		
69	193.0	25.8	38.6#
84	152.7	74.5	111.7#

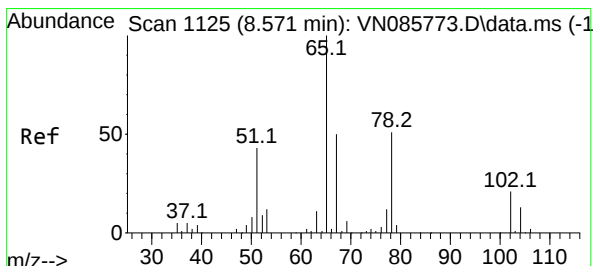
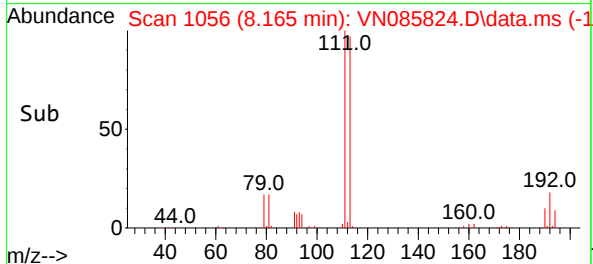
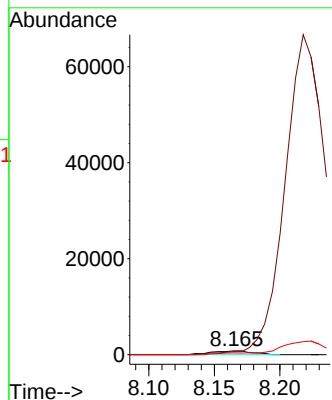
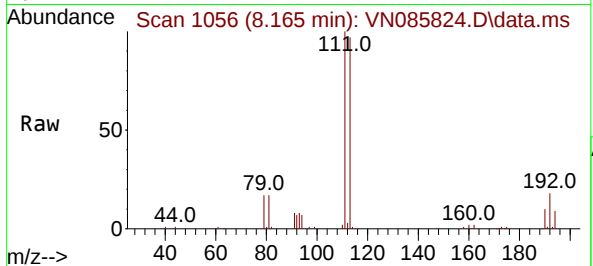




#32
1,1,1-Trichloroethane
Concen: 0.348 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

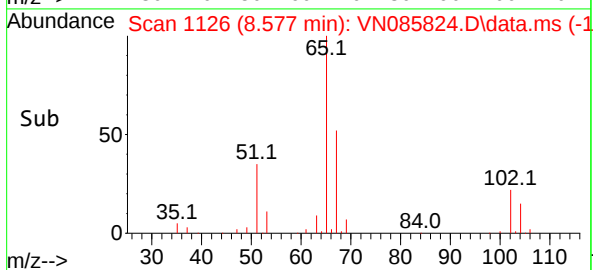
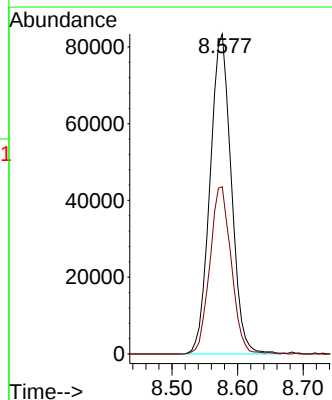
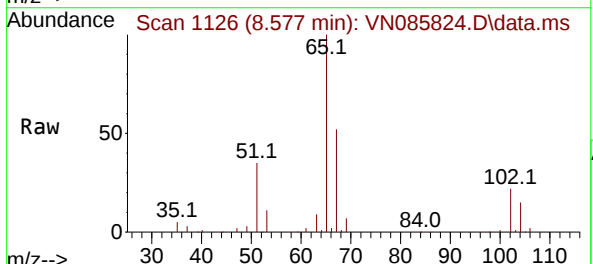
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-FD-021325

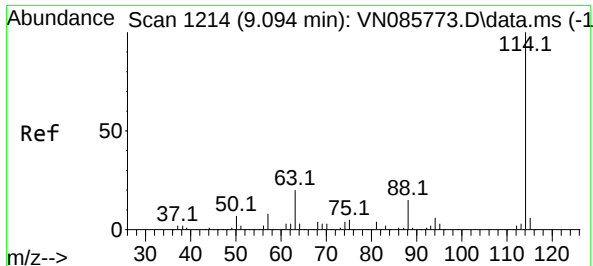
Tgt Ion: 97 Resp: 1710
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 0.0 35.5 53.3#



#33
1,2-Dichloroethane-d4
Concen: 60.412 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

Tgt Ion: 65 Resp: 187355
Ion Ratio Lower Upper
65 100
67 52.7 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: VN085824.D

Acq: 21 Feb 2025 23:49

Instrument :

MSVOA_N

ClientSampleId :

MW-20D-FD-021325

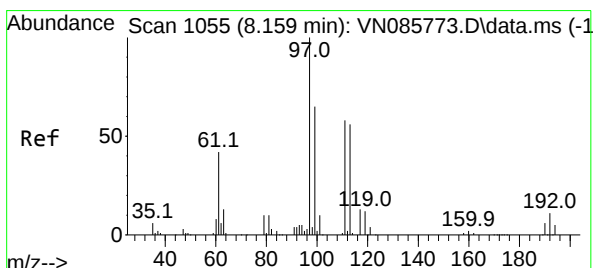
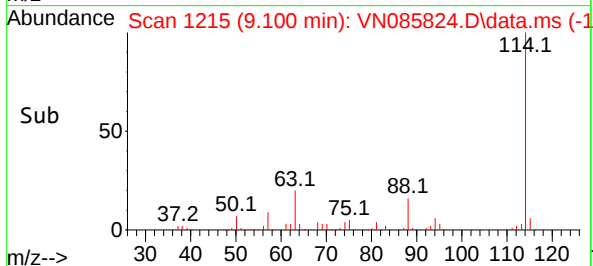
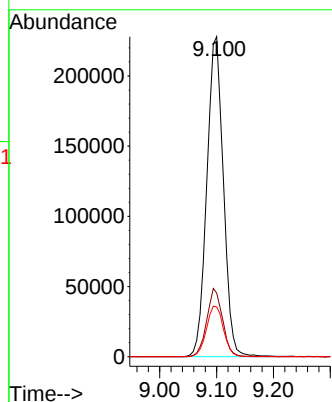
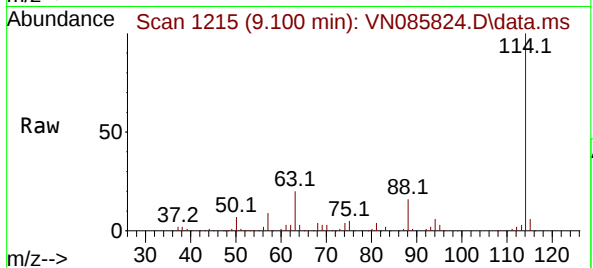
Tgt Ion:114 Resp: 459951

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 15.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 54.771 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085824.D

Acq: 21 Feb 2025 23:49

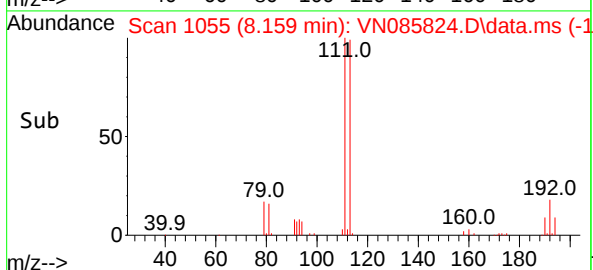
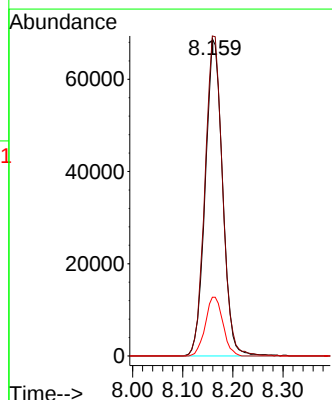
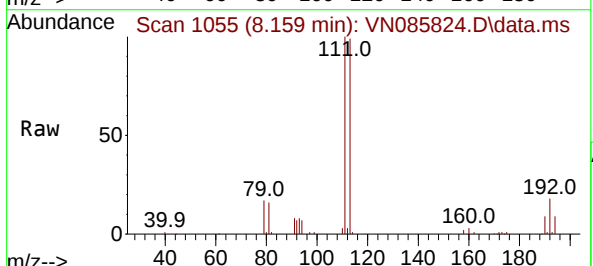
Tgt Ion:113 Resp: 164845

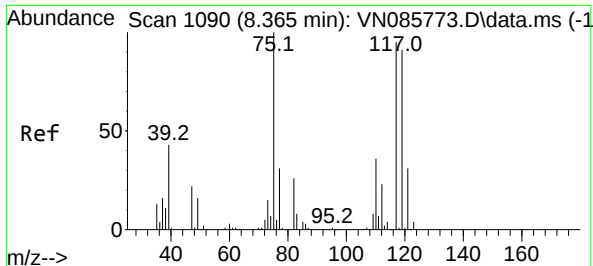
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 18.9 14.7 22.1





#36

1,1-Dichloropropene

Concen: 4.687 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085824.D

Acq: 21 Feb 2025 23:49

Instrument :

MSVOA_N

ClientSampleId :

MW-20D-FD-021325

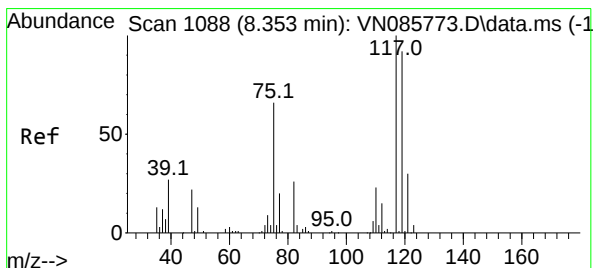
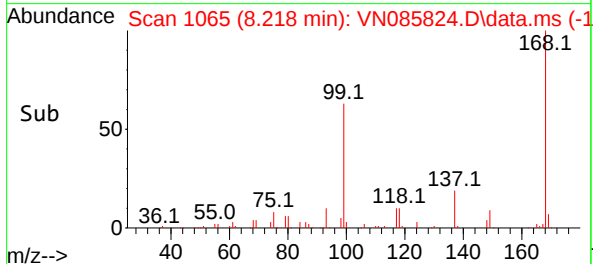
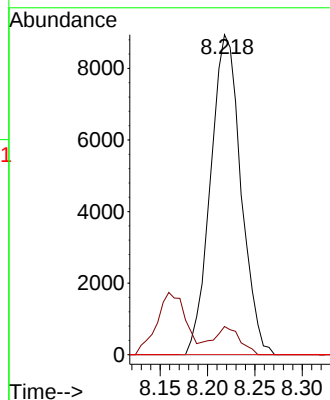
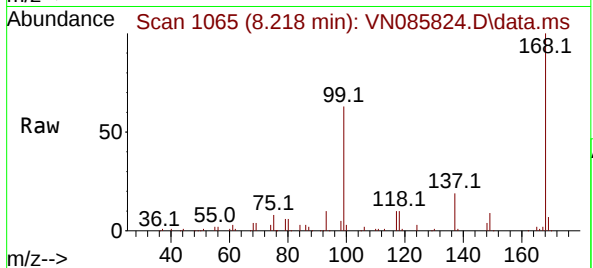
Tgt Ion: 75 Resp: 19963

Ion Ratio Lower Upper

75 100

110 7.5 17.3 52.0#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.091 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.129 min

Lab File: VN085824.D

Acq: 21 Feb 2025 23:49

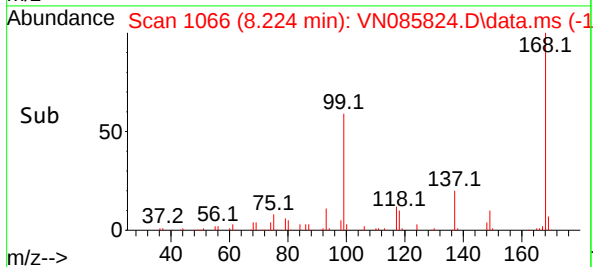
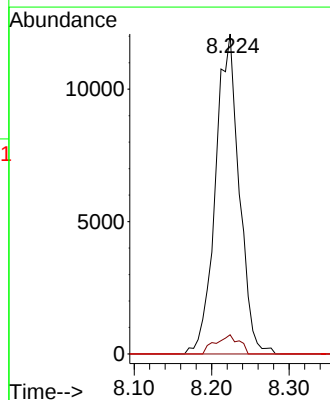
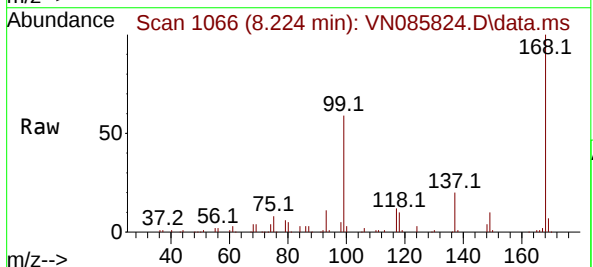
Tgt Ion: 117 Resp: 25768

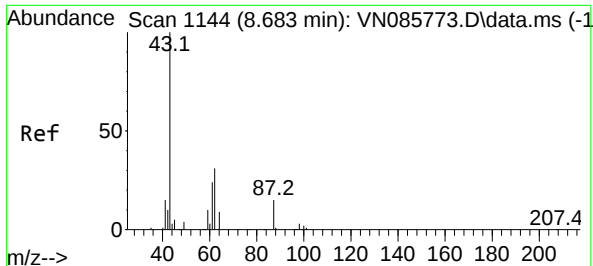
Ion Ratio Lower Upper

117 100

119 6.0 73.8 110.6#

121 0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: 0.507 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.018 min

Lab File: VN085824.D

Acq: 21 Feb 2025 23:49

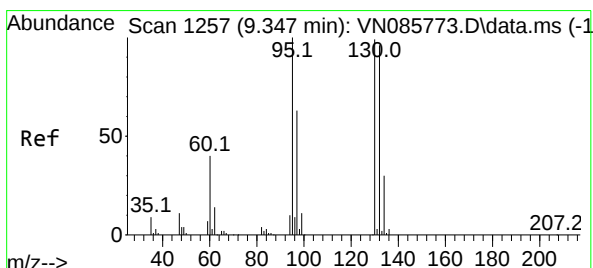
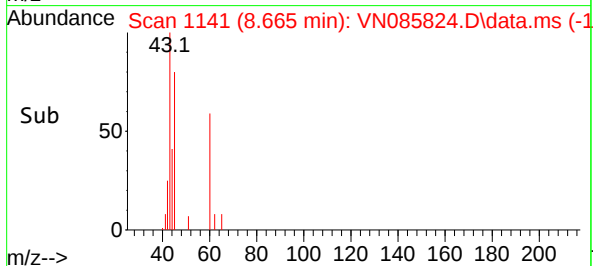
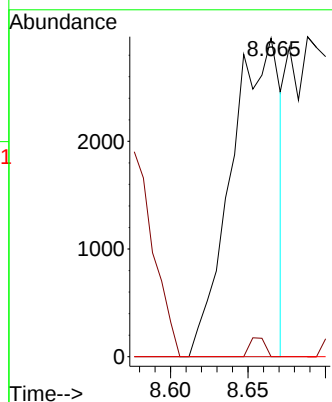
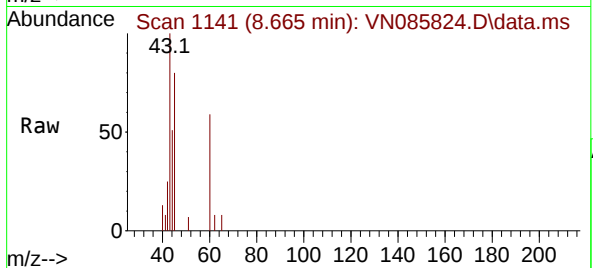
Instrument :

MSVOA_N

ClientSampleId :

MW-20D-FD-021325

Tgt Ion:	43	Resp:	6444
Ion	Ratio	Lower	Upper
43	100		
61	1.9	22.6	34.0#
87	0.0	11.8	17.8#



#44

Trichloroethene

Concen: 9.317 ug/l

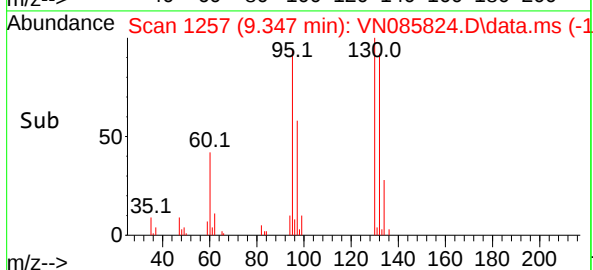
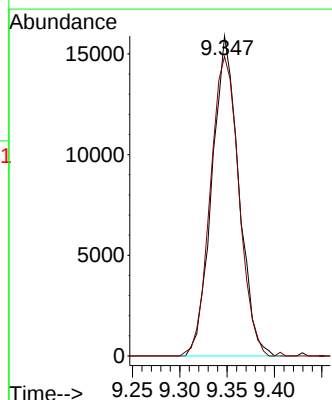
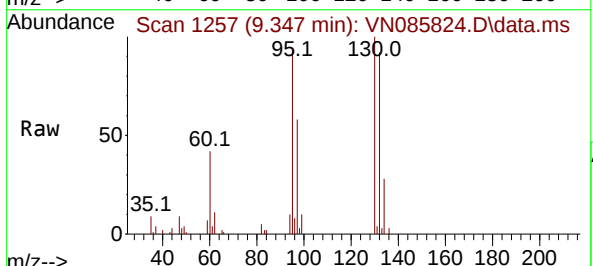
RT: 9.347 min Scan# 1257

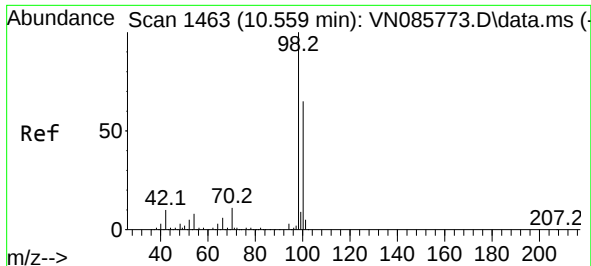
Delta R.T. -0.000 min

Lab File: VN085824.D

Acq: 21 Feb 2025 23:49

Tgt Ion:	130	Resp:	31231
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	202.6

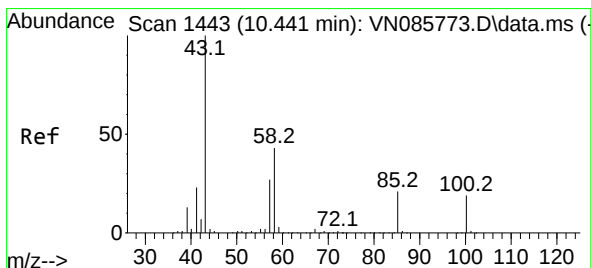
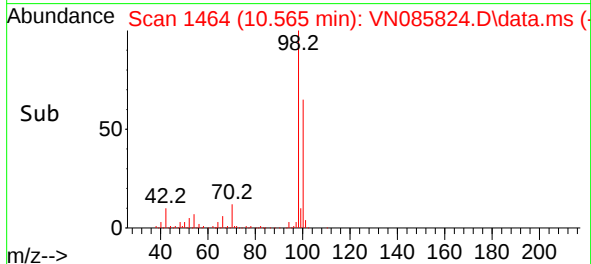
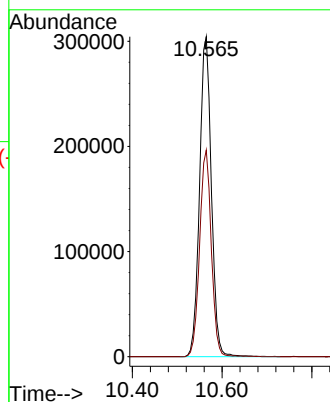
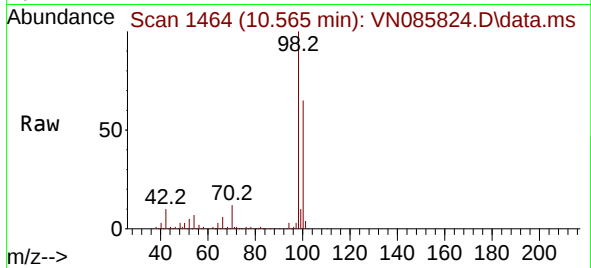




#50
Toluene-d8
Concen: 50.650 ug/l
RT: 10.565 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

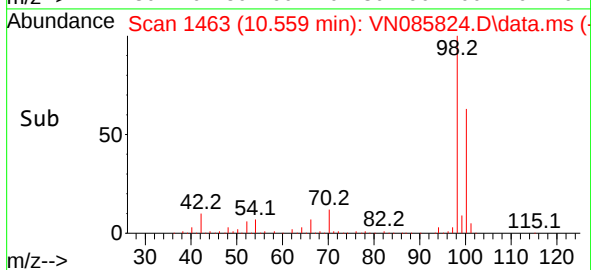
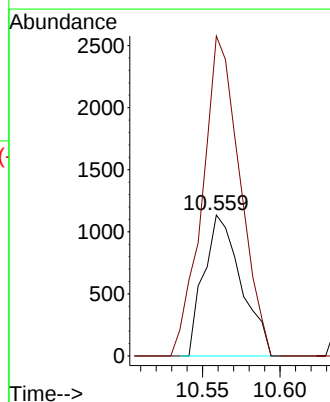
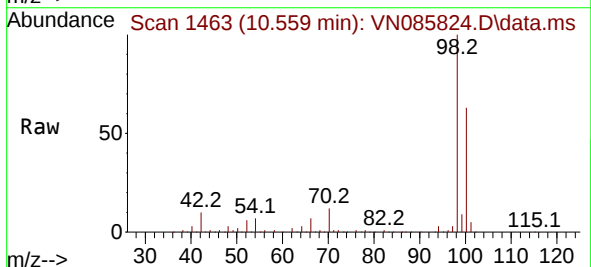
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-FD-021325

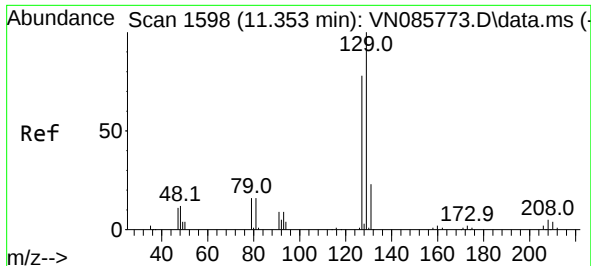
Tgt Ion: 98 Resp: 554626
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

Tgt Ion: 43 Resp: 1895
Ion Ratio Lower Upper
43 100
58 229.4 34.6 52.0#

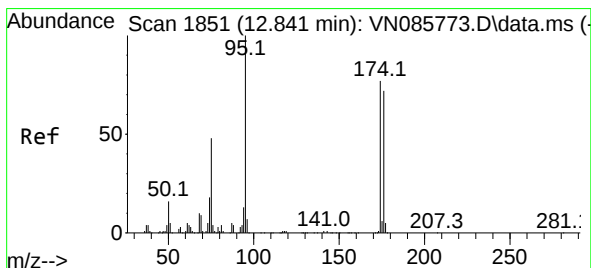
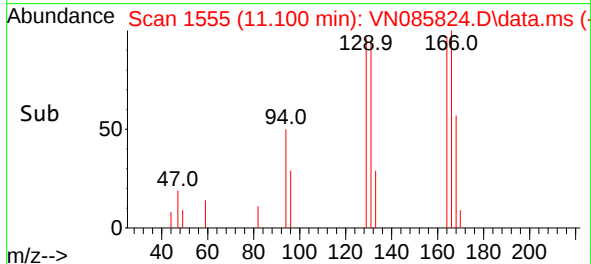
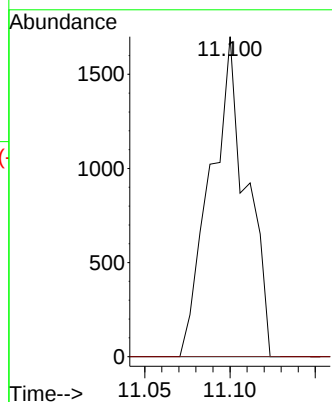
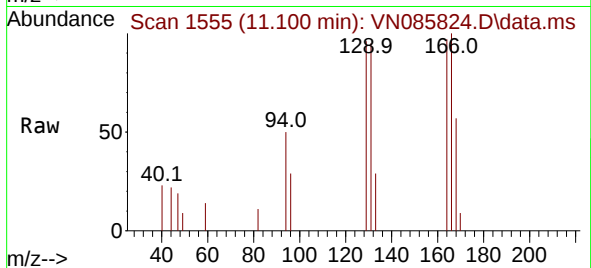




#60
Dibromochloromethane
Concen: 0.675 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

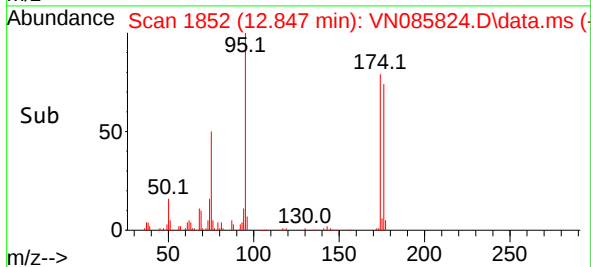
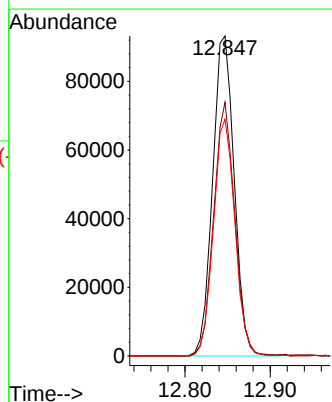
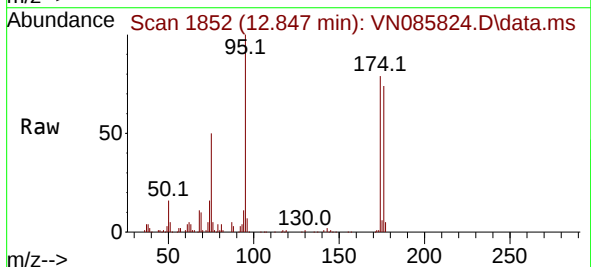
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-FD-021325

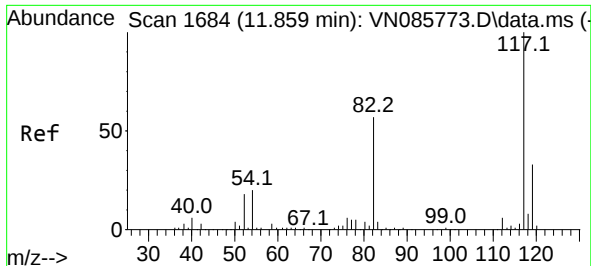
Tgt Ion:129 Resp: 2500
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.5#



#62
4-Bromofluorobenzene
Concen: 45.611 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

Tgt Ion: 95 Resp: 164557
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.4
176 73.4 0.0 146.6

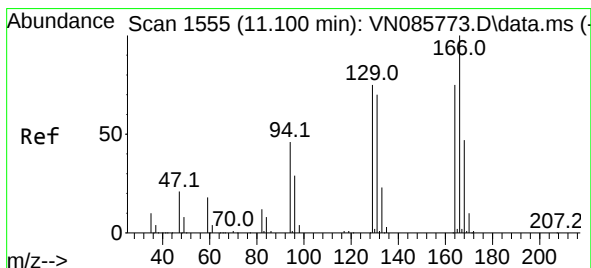
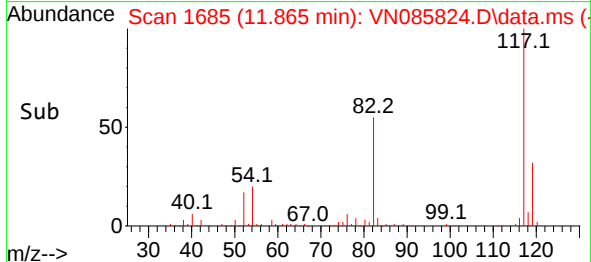
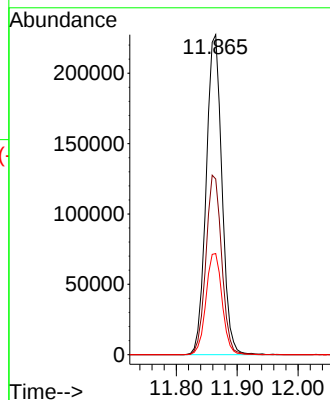
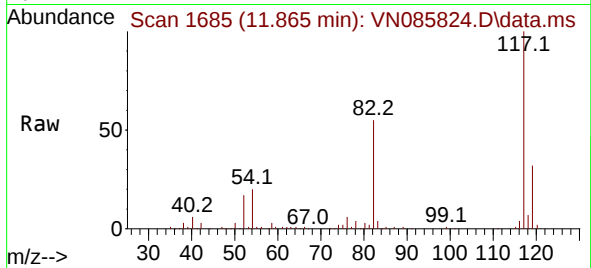




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

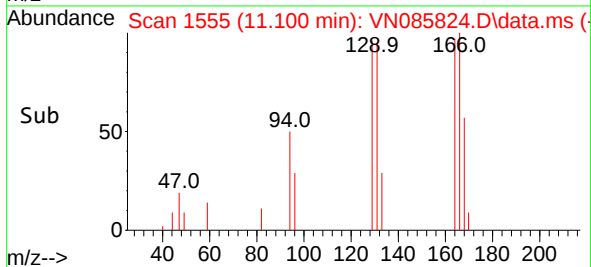
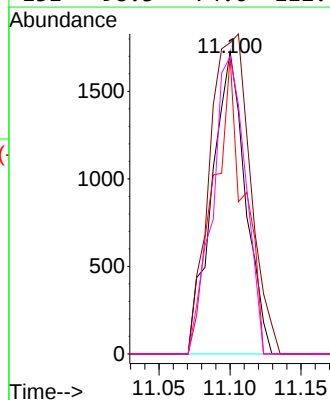
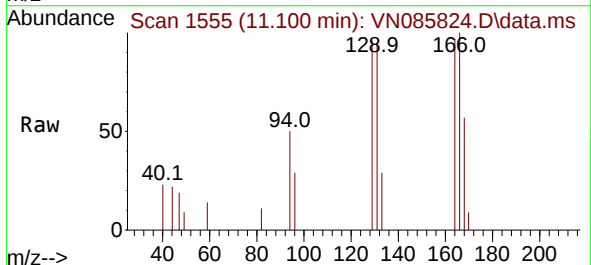
Instrument :
MSVOA_N
ClientSampleId :
MW-20D-FD-021325

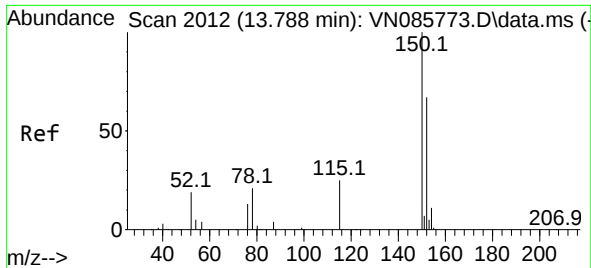
Tgt Ion:117 Resp: 408946
Ion Ratio Lower Upper
117 100
82 54.9 45.7 68.5
119 31.6 26.2 39.2



#64
Tetrachloroethene
Concen: 0.893 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085824.D
Acq: 21 Feb 2025 23:49

Tgt Ion:164 Resp: 2829
Ion Ratio Lower Upper
164 100
166 103.0 107.2 160.8#
129 98.4 80.7 121.1
131 98.3 74.6 112.0

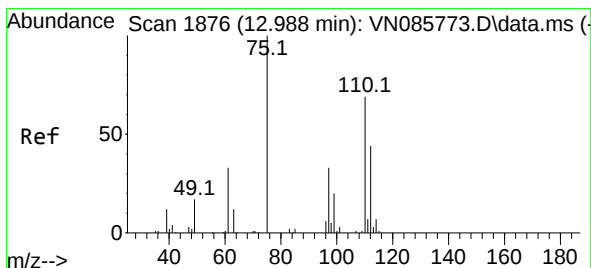
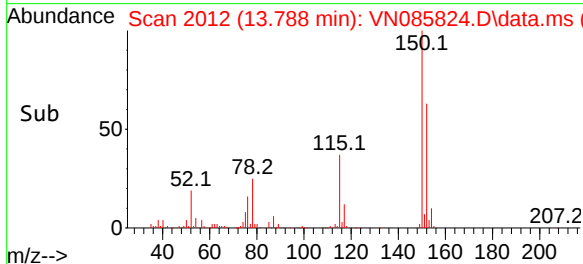
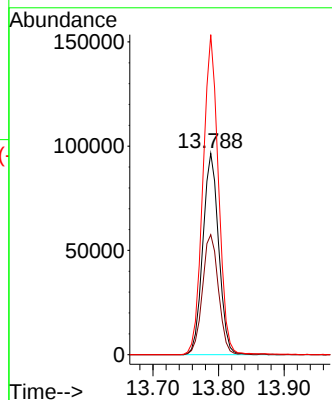
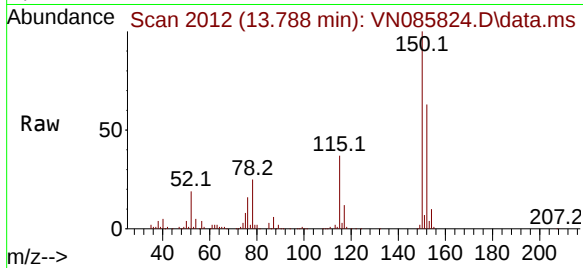




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085824.D
 Acq: 21 Feb 2025 23:49

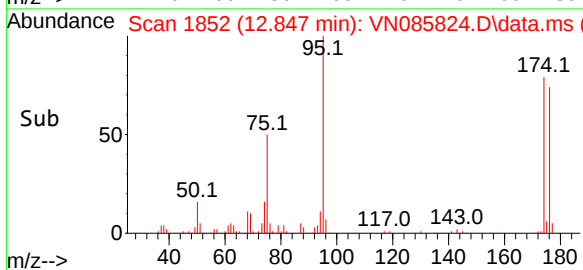
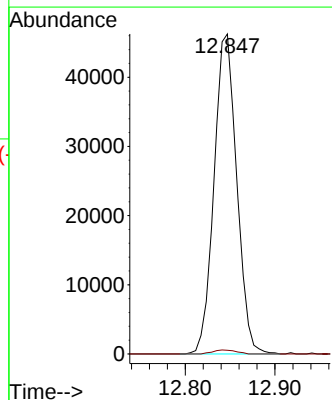
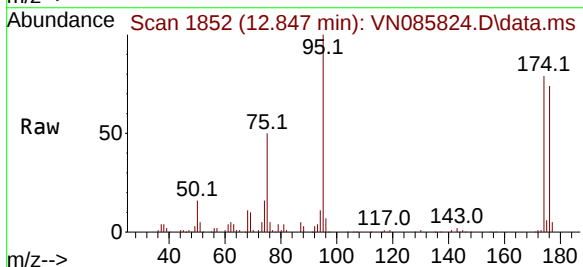
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20D-FD-021325

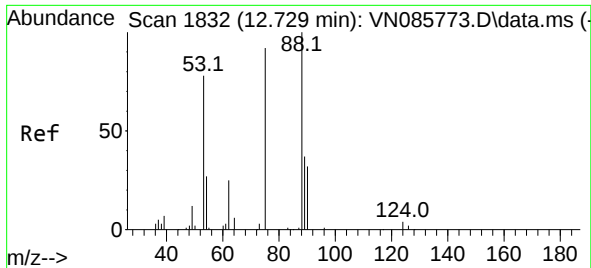
Tgt Ion:152 Resp: 162611
 Ion Ratio Lower Upper
 152 100
 115 60.3 30.4 91.3
 150 156.0 0.0 345.4



#76
 1,2,3-Trichloropropane
 Concen: 22.466 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085824.D
 Acq: 21 Feb 2025 23:49

Tgt Ion: 75 Resp: 81151
 Ion Ratio Lower Upper
 75 100
 77 1.3 100.0 300.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.551 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN085824.D
 Acq: 21 Feb 2025 23:49

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-20D-FD-021325

Tgt Ion: 75 Resp: 81151
 Ion Ratio Lower Upper
 75 100
 53 0.2 74.2 111.4#
 89 0.0 34.9 52.3#

