

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085826.D
 Acq On : 22 Feb 2025 00:36
 Operator : JC\MD
 Sample : Q1405-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23-021425

Quant Time: Feb 22 02:46:37 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)

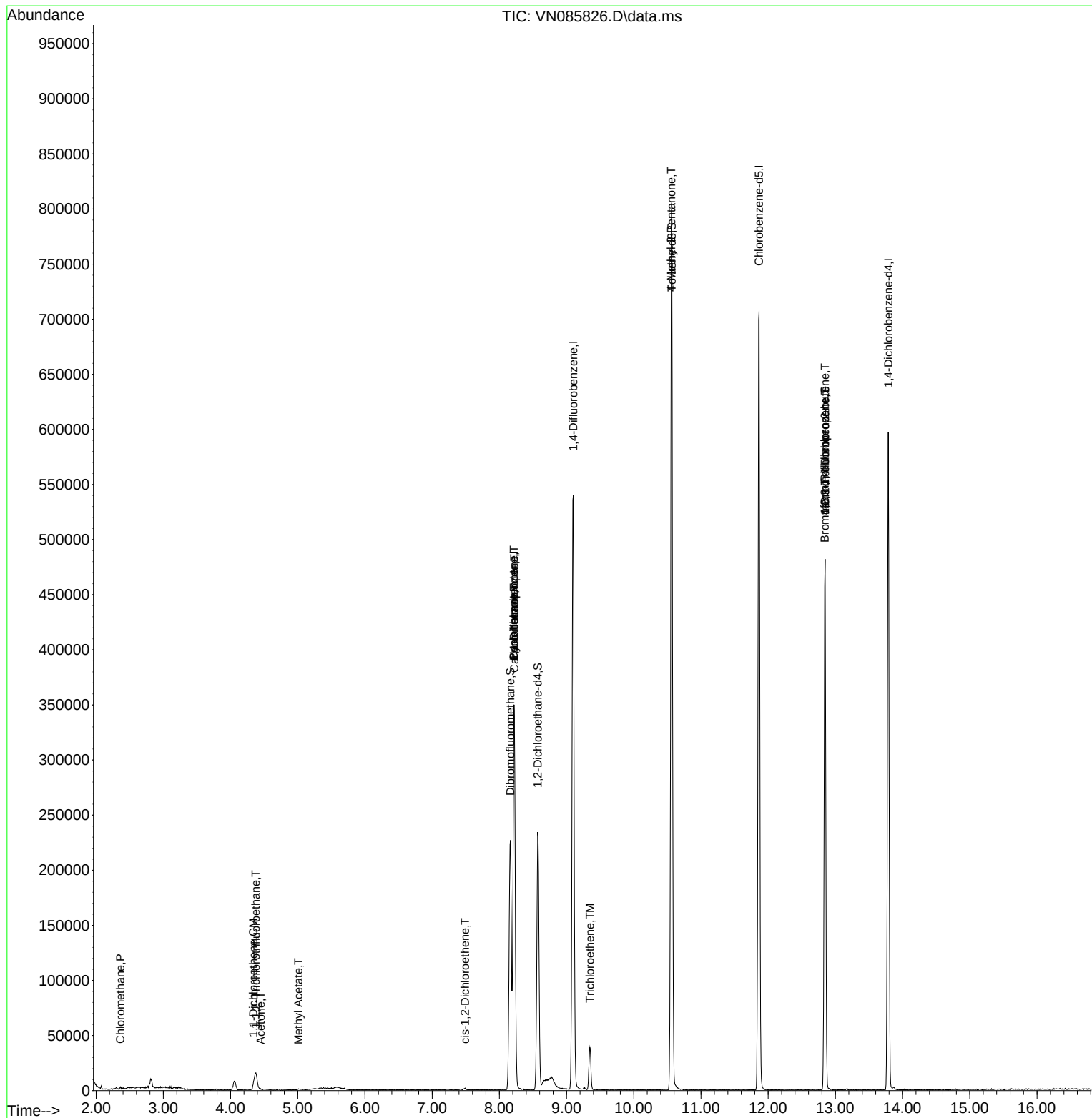
Internal Standards						
1) Pentafluorobenzene	8.218	168	256602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	482778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	427454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	192619	57.900	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.800%			
35) Dibromofluoromethane	8.165	113	168431	53.317	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.640%			
50) Toluene-d8	10.565	98	572021	49.768	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.540%			
62) 4-Bromofluorobenzene	12.847	95	171182	45.204	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.400%			
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	975	0.278	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	11982	3.861	ug/l	95
12) 1,1-Dichloroethene	4.342	96	987	0.351	ug/l #	79
16) Acetone	4.447	43	1550	1.472	ug/l	89
18) Methyl Acetate	5.012	43	2002	0.553	ug/l #	53
27) cis-1,2-Dichloroethene	7.488	96	1014	0.289	ug/l	90
31) Cyclohexane	8.218	56	5511	1.160	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	21449	4.797	ug/l #	49
38) Carbon Tetrachloride	8.224	117	26184	4.929	ug/l #	19
44) Trichloroethene	9.347	130	14750	4.192	ug/l	93
51) 4-Methyl-2-Pentanone	10.559	43	2178	0.614	ug/l #	1
71) Bromoform	12.841	173	1317	0.504	ug/l #	27
76) 1,2,3-Trichloropropane	12.847	75	85152	22.904	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	85152	66.828	ug/l #	13

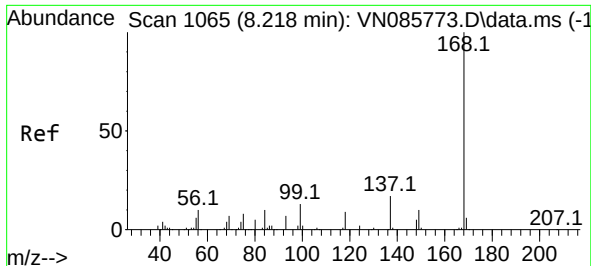
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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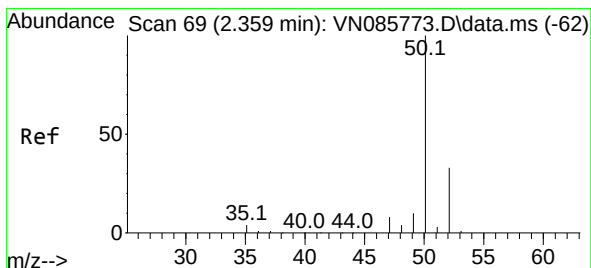
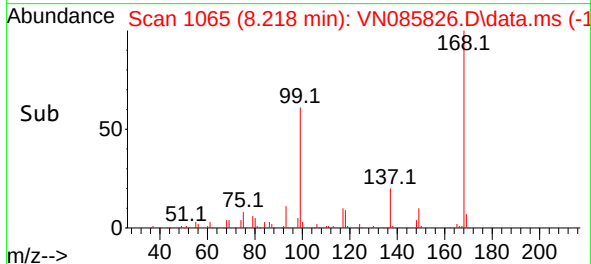
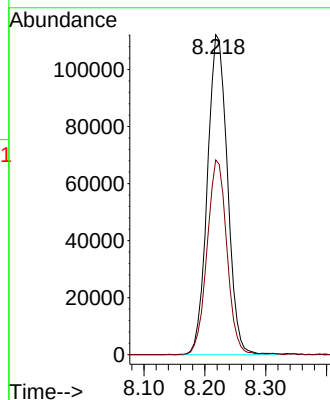
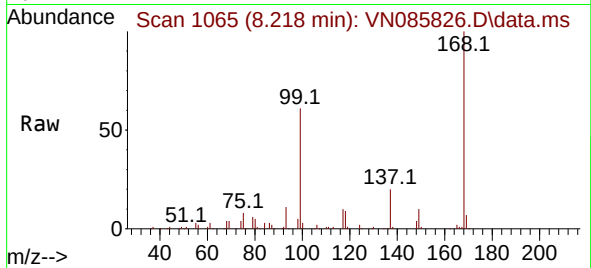




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

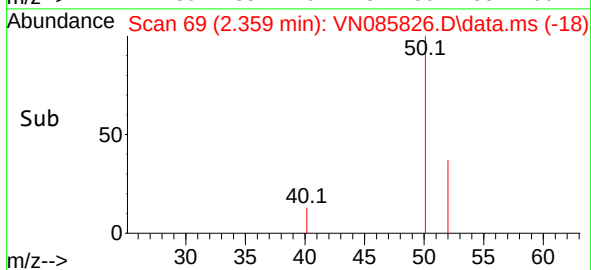
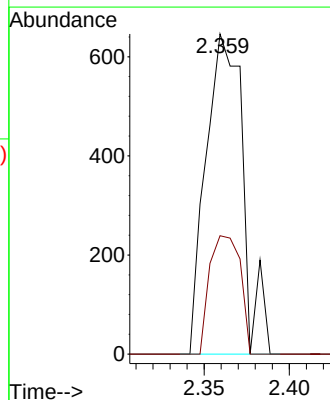
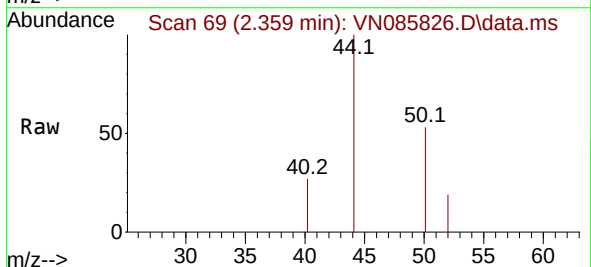
Instrument :
MSVOA_N
ClientSampleId :
MW-23-021425

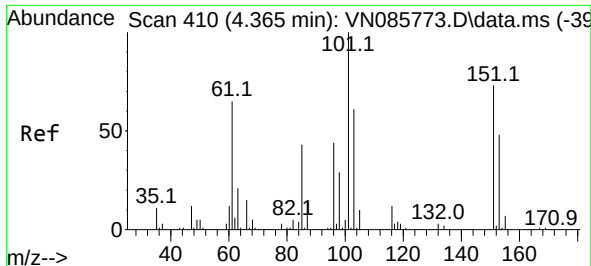
Tgt Ion:168 Resp: 256602
Ion Ratio Lower Upper
168 100
99 60.7 47.9 71.9



#3
Chloromethane
Concen: 0.278 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

Tgt Ion: 50 Resp: 975
Ion Ratio Lower Upper
50 100
52 37.0 26.7 40.1

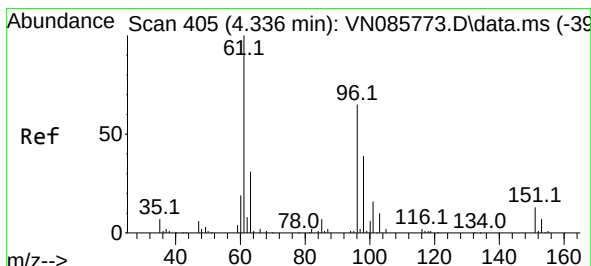
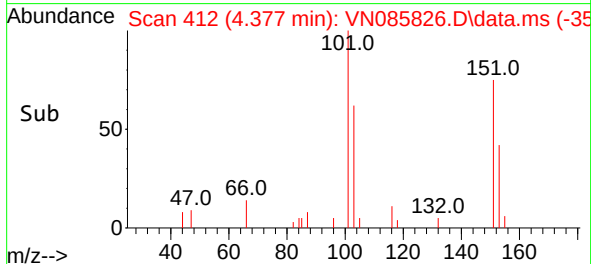
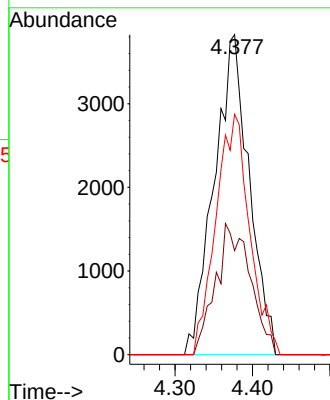
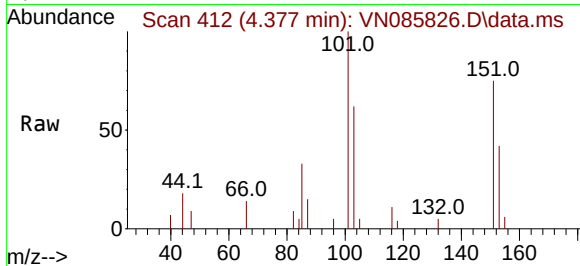




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.861 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

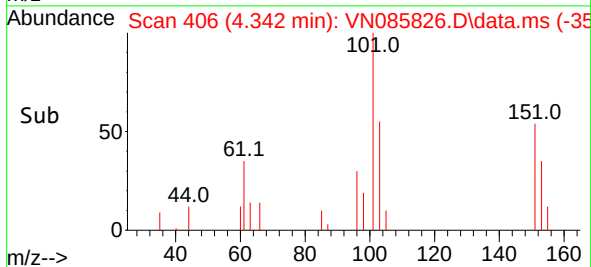
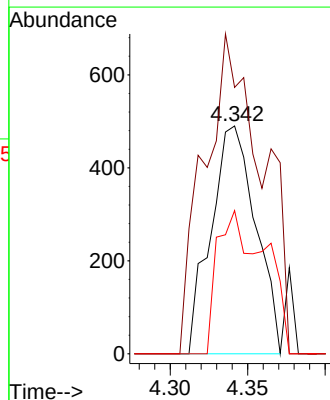
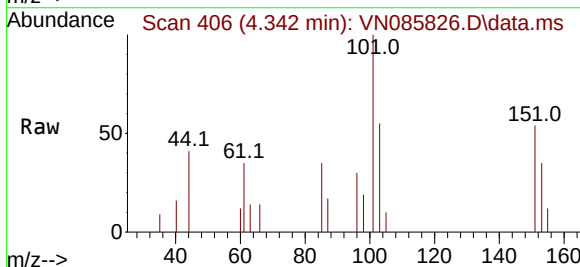
Instrument :
MSVOA_N
ClientSampleId :
MW-23-021425

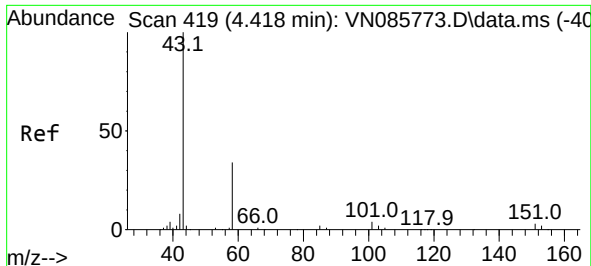
Tgt Ion:101 Resp: 11982
Ion Ratio Lower Upper
101 100
85 40.7 35.7 53.5
151 72.8 61.4 92.2



#12
1,1-Dichloroethene
Concen: 0.351 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

Tgt Ion: 96 Resp: 987
Ion Ratio Lower Upper
96 100
61 116.9 123.3 184.9#
98 62.9 48.6 72.8

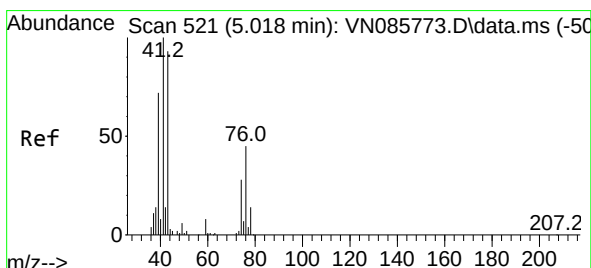
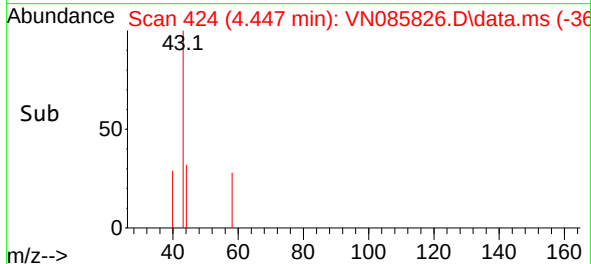
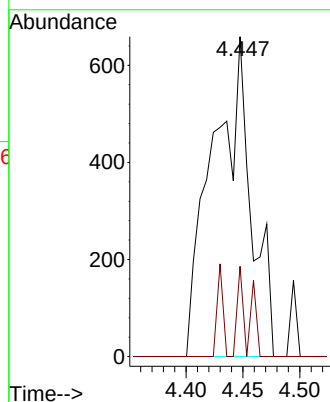
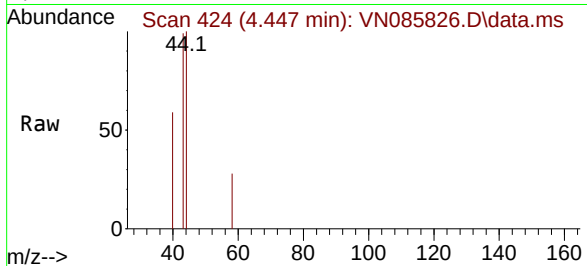




#16
Acetone
Concen: 1.472 ug/l
RT: 4.447 min Scan# 419
Delta R.T. 0.029 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

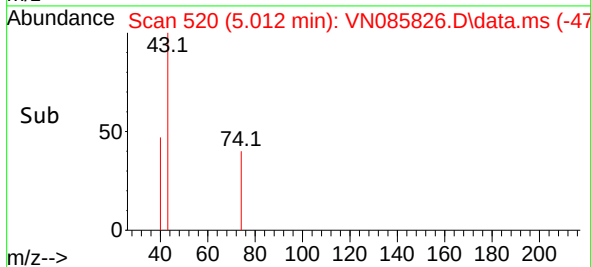
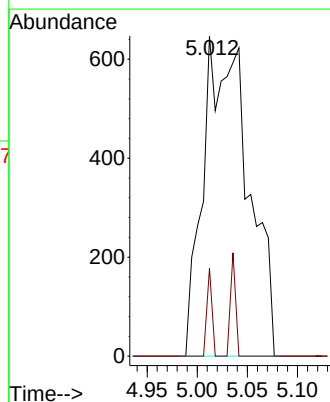
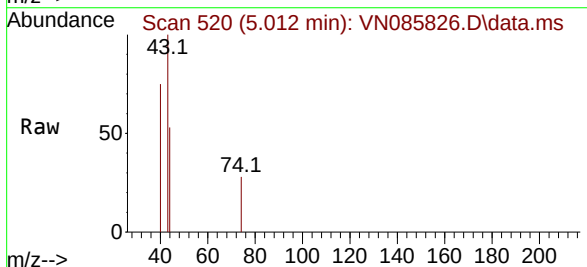
Instrument :
MSVOA_N
ClientSampleId :
MW-23-021425

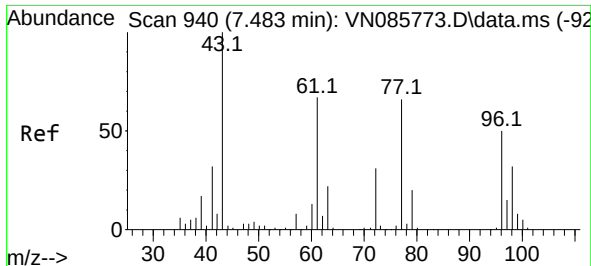
Tgt Ion: 43 Resp: 1550
Ion Ratio Lower Upper
43 100
58 28.2 27.5 41.3



#18
Methyl Acetate
Concen: 0.553 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

Tgt Ion: 43 Resp: 2002
Ion Ratio Lower Upper
43 100
74 3.1 22.2 33.4#





#27

cis-1,2-Dichloroethene

Concen: 0.289 ug/l

RT: 7.488 min Scan# 94

Delta R.T. 0.006 min

Lab File: VN085826.D

Acq: 22 Feb 2025 00:36

Instrument :

MSVOA_N

ClientSampleId :

MW-23-021425

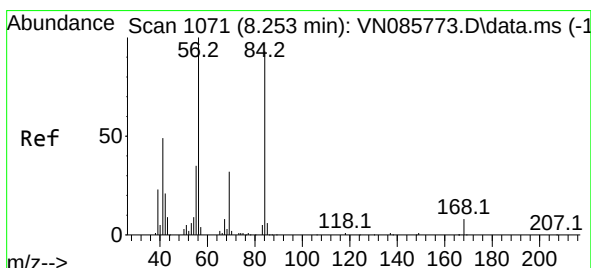
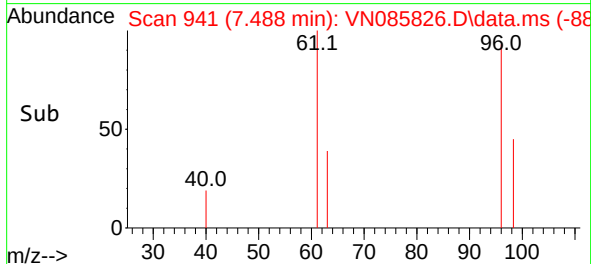
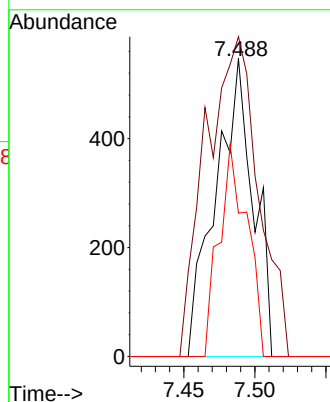
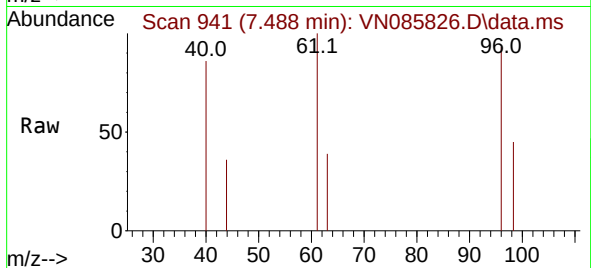
Tgt Ion: 96 Resp: 1014

Ion Ratio Lower Upper

96 100

61 149.1 0.0 280.6

98 52.6 0.0 128.6



#31

Cyclohexane

Concen: 1.160 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN085826.D

Acq: 22 Feb 2025 00:36

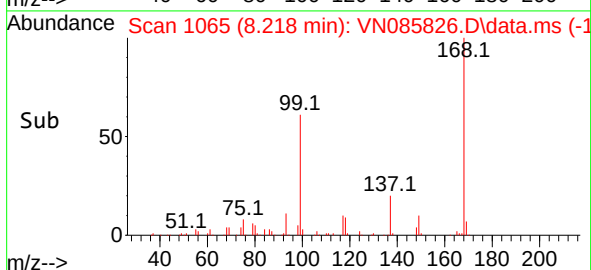
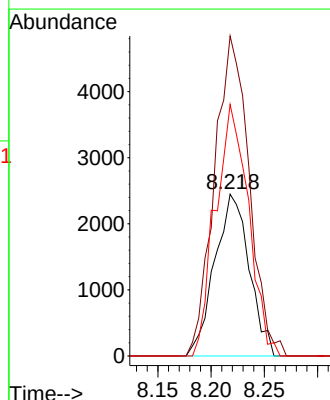
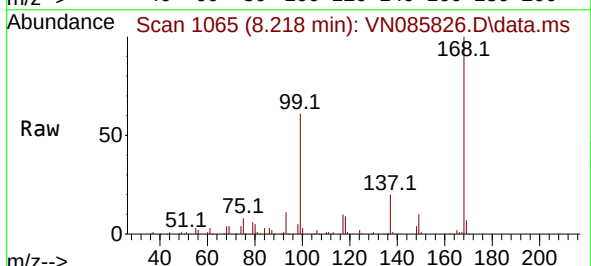
Tgt Ion: 56 Resp: 5511

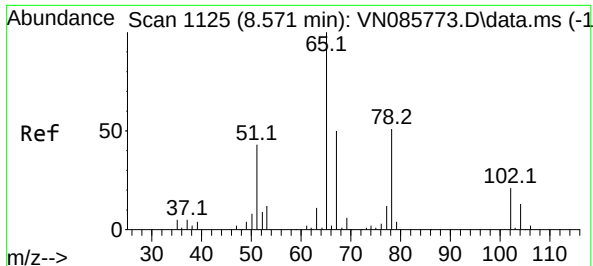
Ion Ratio Lower Upper

56 100

69 197.7 25.8 38.6#

84 155.4 74.5 111.7#

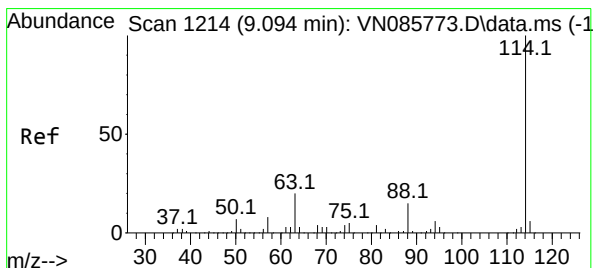
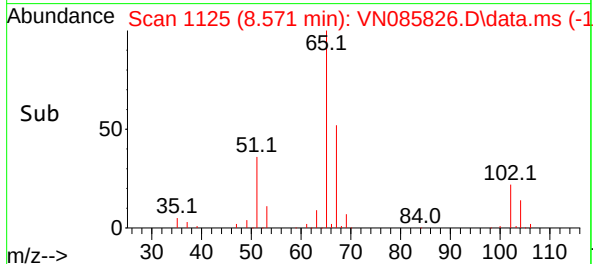
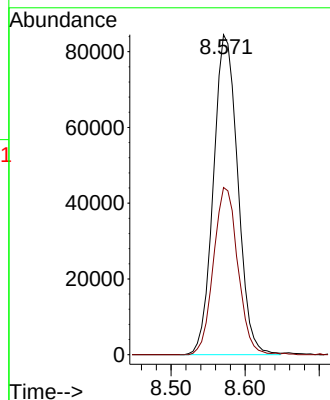
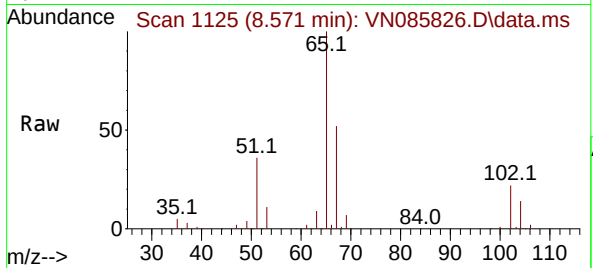




#33
 1,2-Dichloroethane-d4
 Concen: 57.900 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VN085826.D
 Acq: 22 Feb 2025 00:36

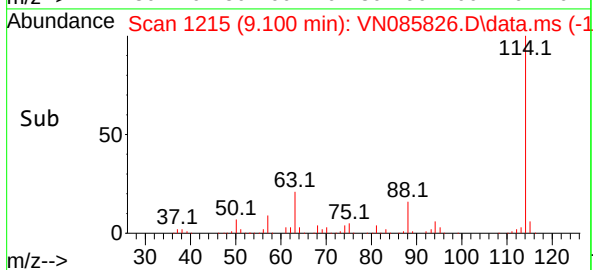
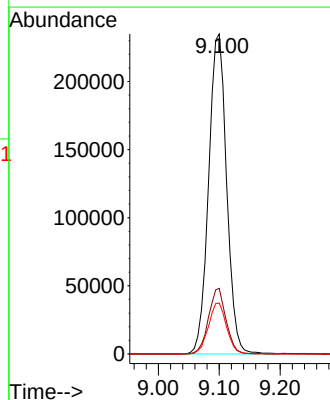
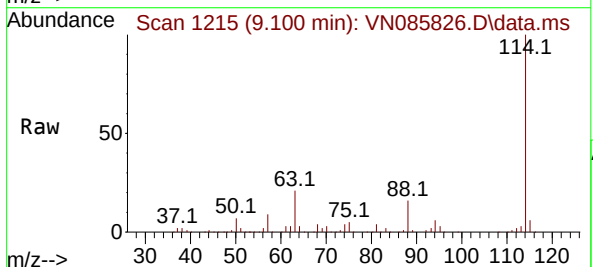
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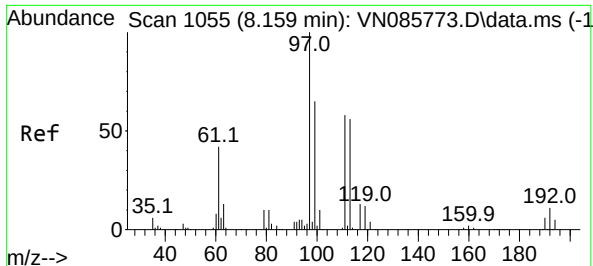
Tgt Ion: 65 Resp: 192619
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085826.D
 Acq: 22 Feb 2025 00:36

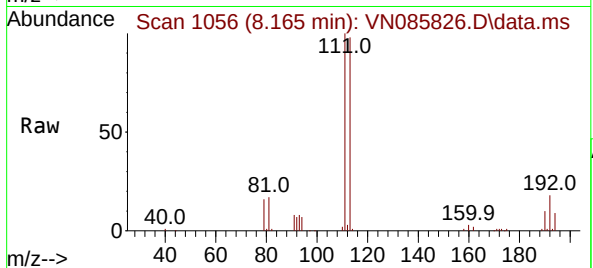
Tgt Ion: 114 Resp: 482778
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 15.9 0.0 30.0



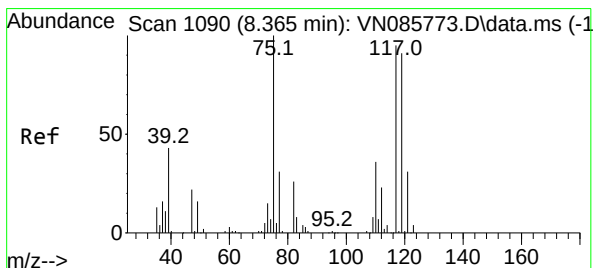
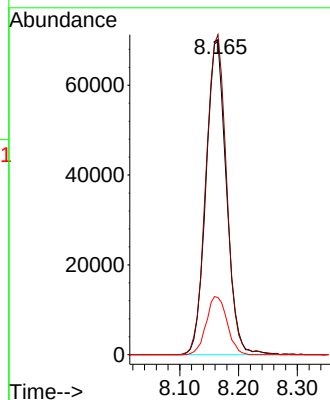
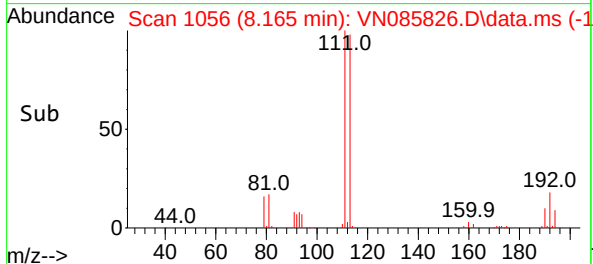


#35
Dibromofluoromethane
Concen: 53.317 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

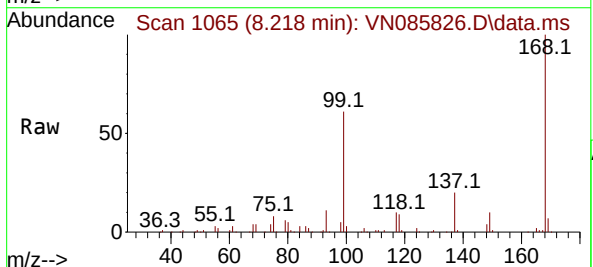
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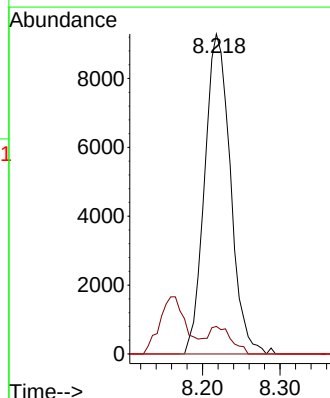
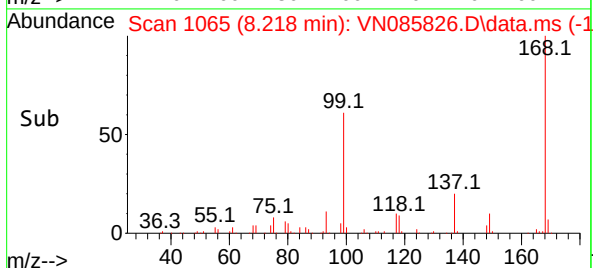
Tgt Ion:113 Resp: 168431
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 18.9 14.7 22.1

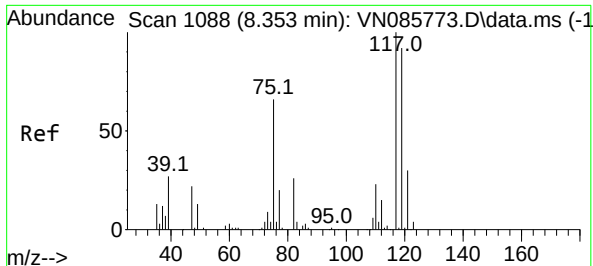


#36
1,1-Dichloropropene
Concen: 4.797 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36



Tgt Ion: 75 Resp: 21449
Ion Ratio Lower Upper
75 100
110 7.6 17.3 52.0#
77 0.0 24.6 37.0#

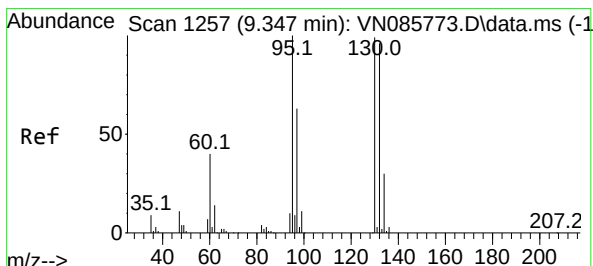
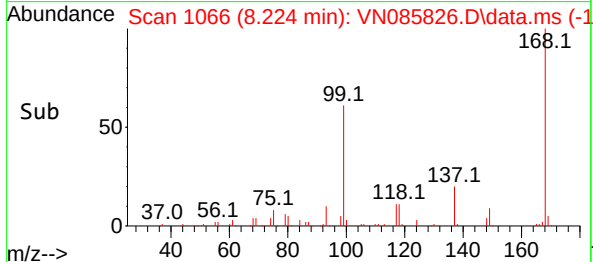
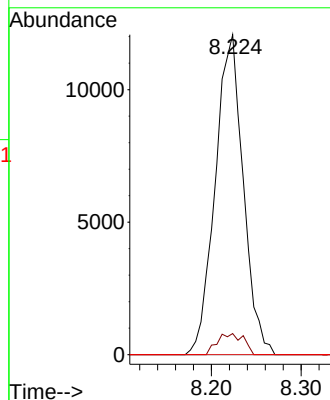
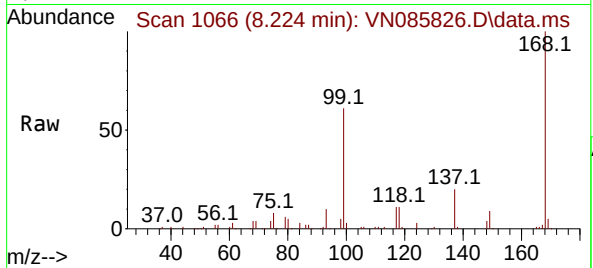




#38
Carbon Tetrachloride
Concen: 4.929 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.129 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

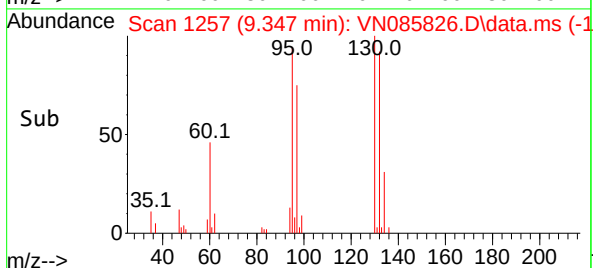
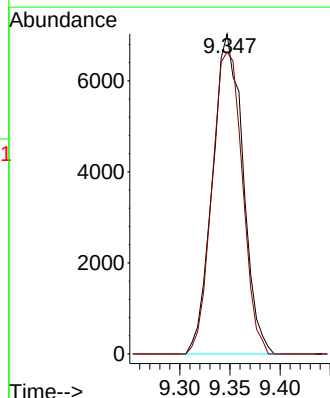
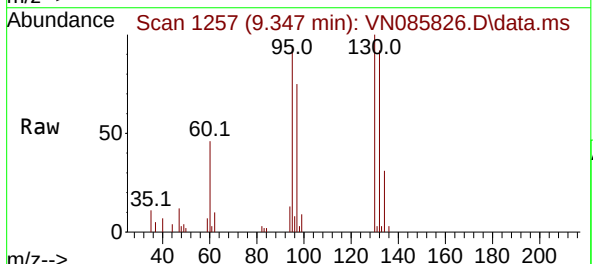
Instrument :
MSVOA_N
ClientSampleId :
MW-23-021425

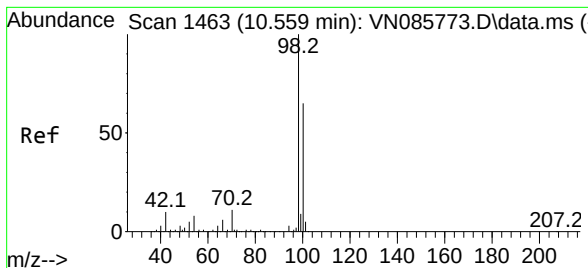
Tgt Ion:117 Resp: 26184
Ion Ratio Lower Upper
117 100
119 6.6 73.8 110.6#
121 0.0 24.3 36.5#



#44
Trichloroethene
Concen: 4.192 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

Tgt Ion:130 Resp: 14750
Ion Ratio Lower Upper
130 100
95 94.4 0.0 202.6

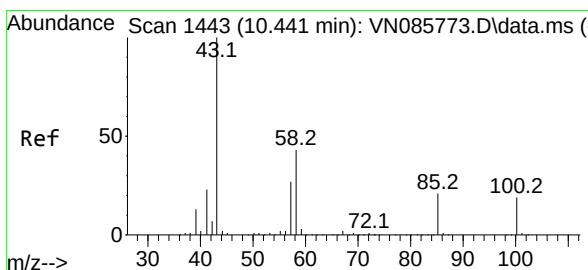
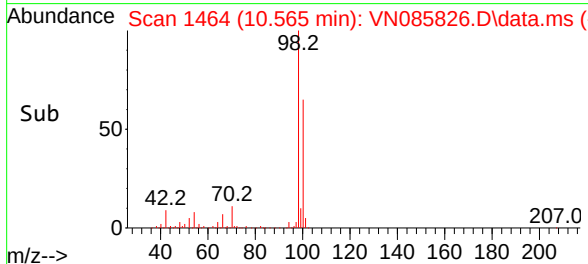
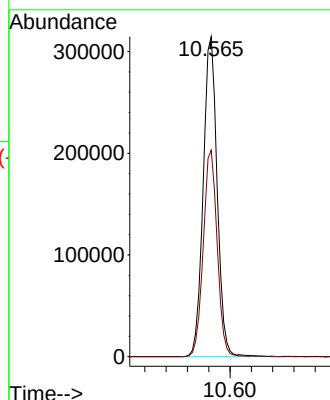
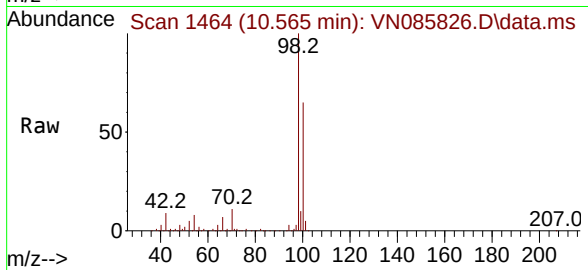




#50
Toluene-d8
Concen: 49.768 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

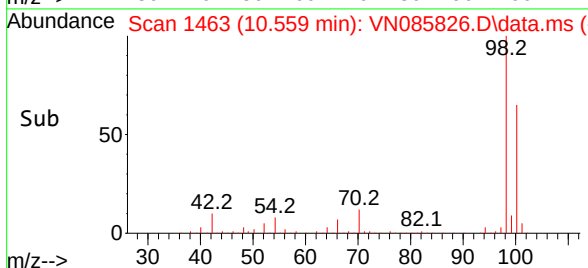
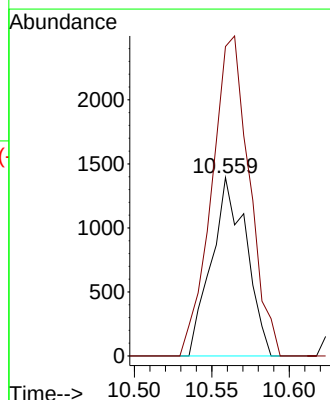
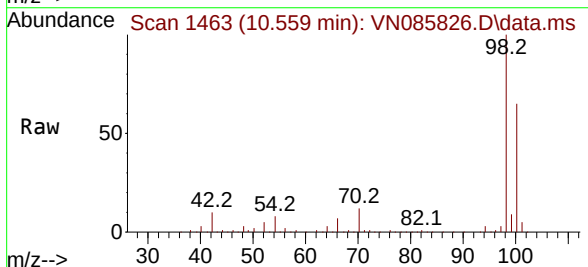
Instrument :
MSVOA_N
ClientSampleId :
MW-23-021425

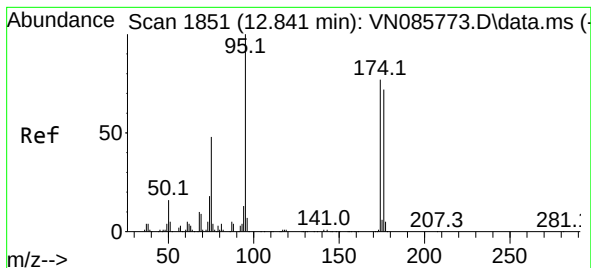
Tgt Ion: 98 Resp: 572021
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.614 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

Tgt Ion: 43 Resp: 2178
Ion Ratio Lower Upper
43 100
58 193.6 34.6 52.0#

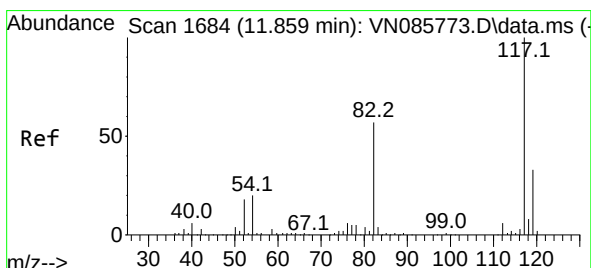
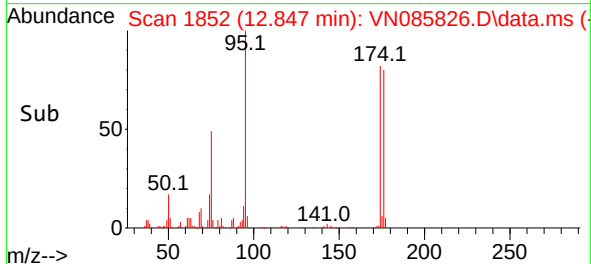
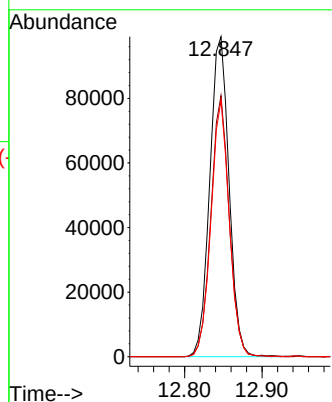
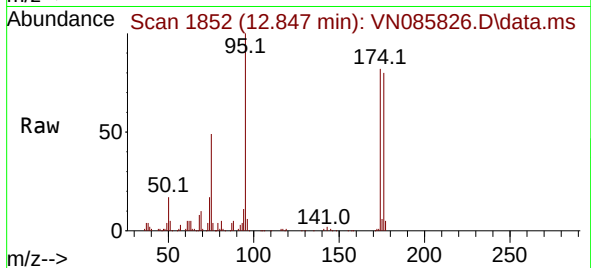




#62
4-Bromofluorobenzene
Concen: 45.204 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

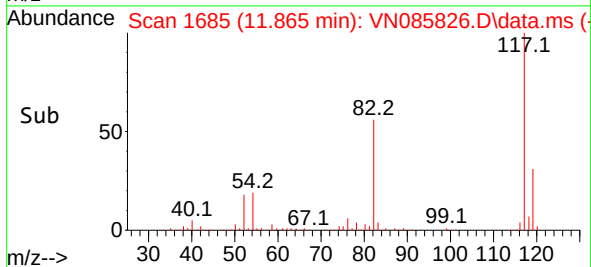
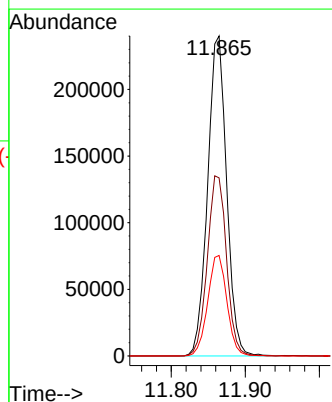
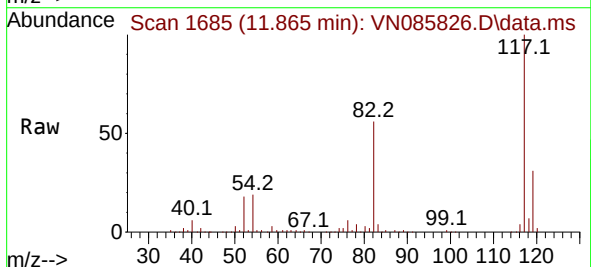
Instrument :
MSVOA_N
ClientSampleId :
MW-23-021425

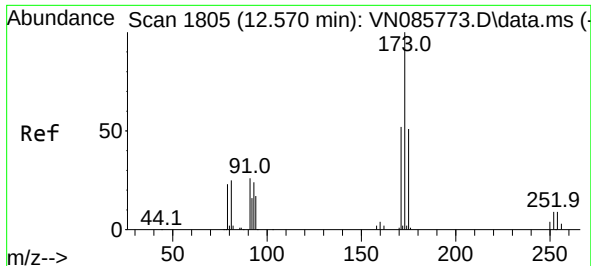
Tgt Ion: 95 Resp: 171182
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.4
176 75.8 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

Tgt Ion: 117 Resp: 427454
Ion Ratio Lower Upper
117 100
82 55.7 45.7 68.5
119 31.4 26.2 39.2

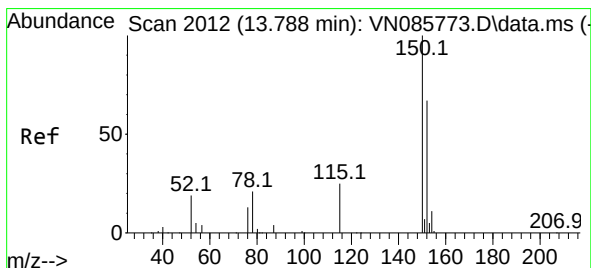
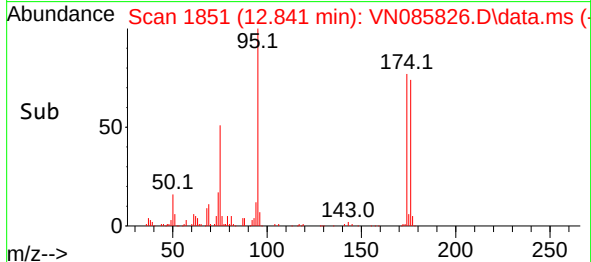
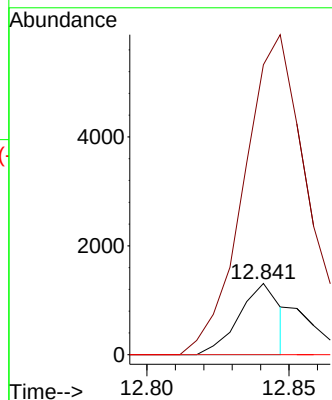
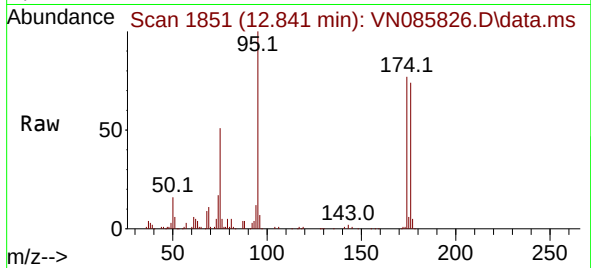




#71
Bromoform
Concen: 0.504 ug/l
RT: 12.841 min Scan# 1805
Delta R.T. 0.270 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

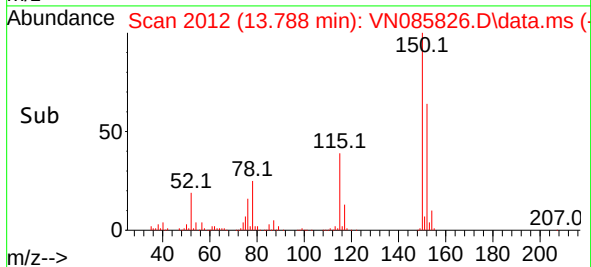
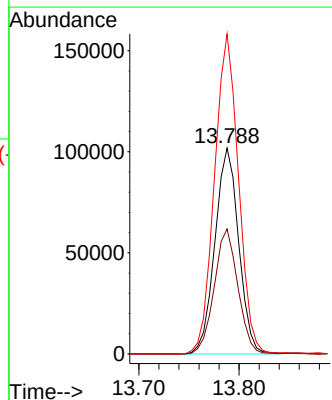
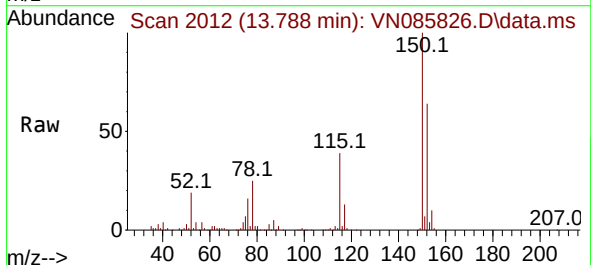
Instrument :
MSVOA_N
ClientSampleId :
MW-23-021425

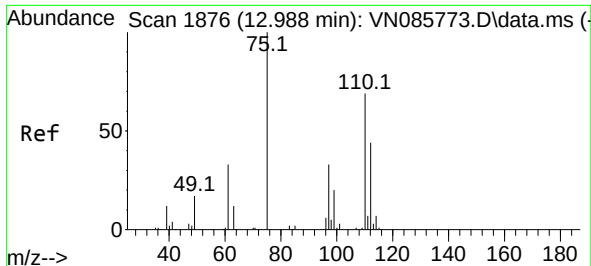
Tgt Ion:173 Resp: 1317
Ion Ratio Lower Upper
173 100
175 0.0 25.1 75.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

Tgt Ion:152 Resp: 167368
Ion Ratio Lower Upper
152 100
115 60.7 30.4 91.3
150 157.3 0.0 345.4

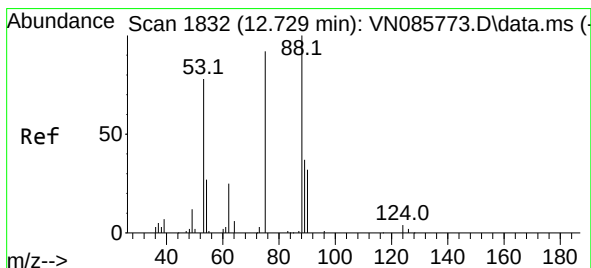
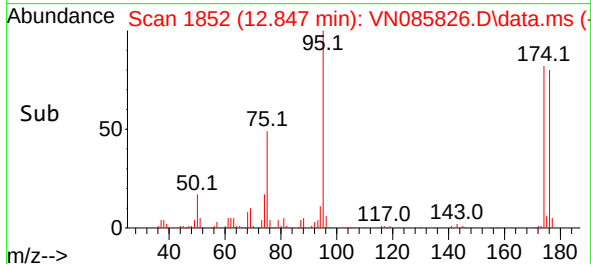
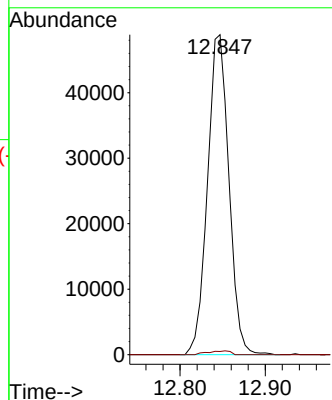
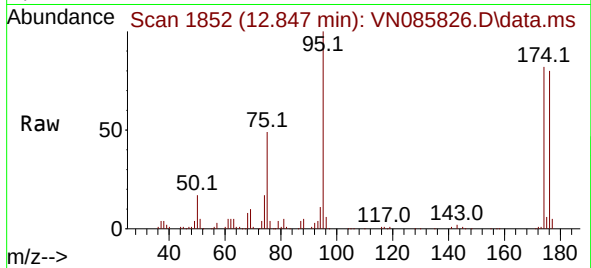




#76
1,2,3-Trichloropropane
Concen: 22.904 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

Instrument :
MSVOA_N
ClientSampleId :
MW-23-021425

Tgt Ion: 75 Resp: 85152
Ion Ratio Lower Upper
75 100
77 1.3 100.0 300.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.828 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

Tgt Ion: 75 Resp: 85152
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.9 52.3#

