

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085873.D
 Acq On : 26 Feb 2025 15:57
 Operator : JC\MD
 Sample : Q1426-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50453

Quant Time: Feb 26 23:04:42 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)

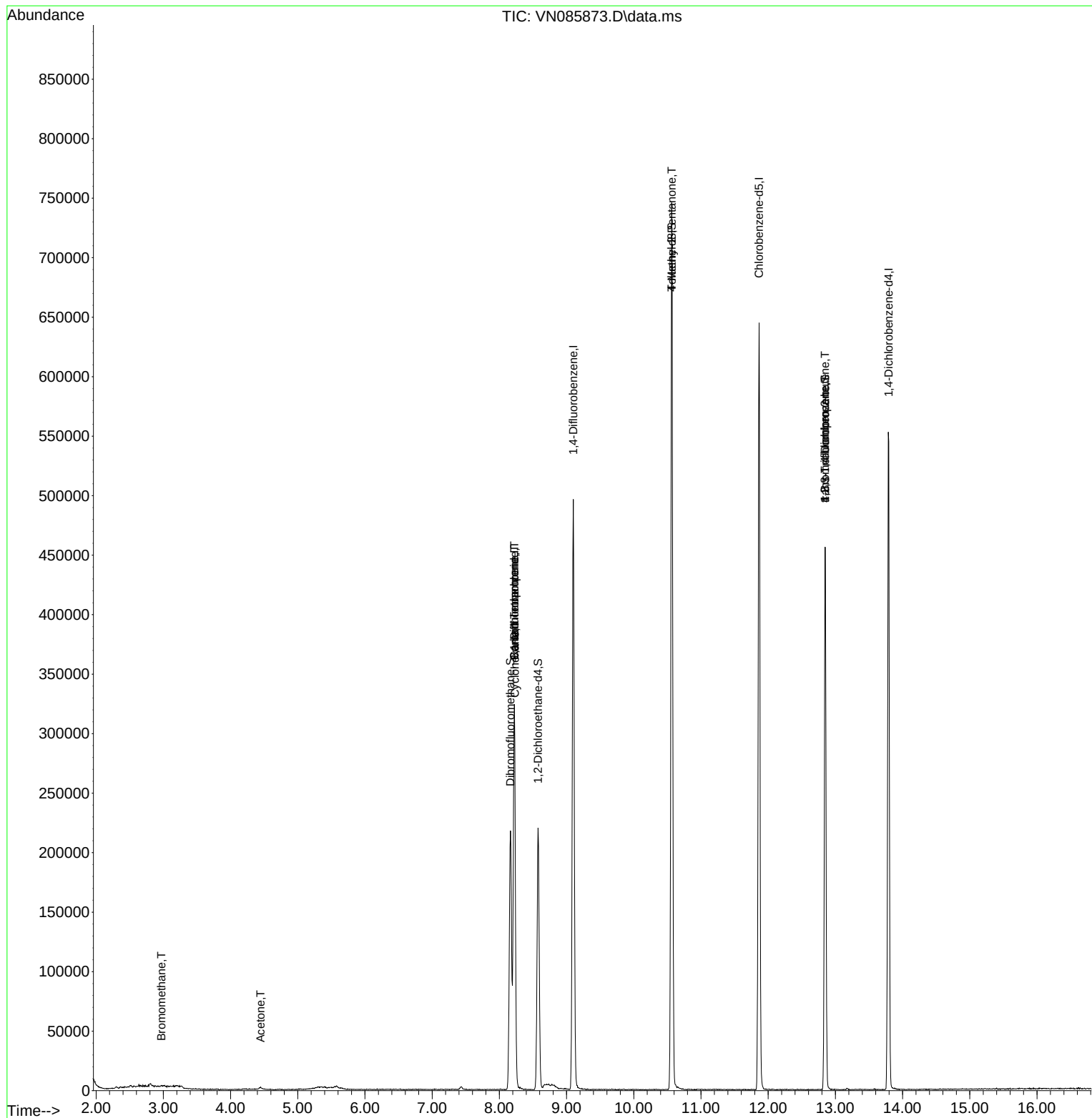
Internal Standards						
1) Pentafluorobenzene	8.224	168	236480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	438685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	394463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	160274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	177467	57.884	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 115.760%		
35) Dibromofluoromethane	8.165	113	161536	56.274	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 112.540%		
50) Toluene-d8	10.565	98	535879	51.310	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.620%		
62) 4-Bromofluorobenzene	12.847	95	163128	47.407	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 94.820%		
Target Compounds						
						Qvalue
5) Bromomethane	2.971	94	518	0.237	ug/l	99
16) Acetone	4.448	43	3048	3.142	ug/l #	86
31) Cyclohexane	8.230	56	4908	1.121	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	18451	4.542	ug/l #	49
38) Carbon Tetrachloride	8.224	117	24416	5.058	ug/l #	19
43) Isopropyl Acetate	8.671	43	1890	Below Cal	#	53
51) 4-Methyl-2-Pentanone	10.565	43	1792	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	79843	22.426	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	79843	65.435	ug/l #	12

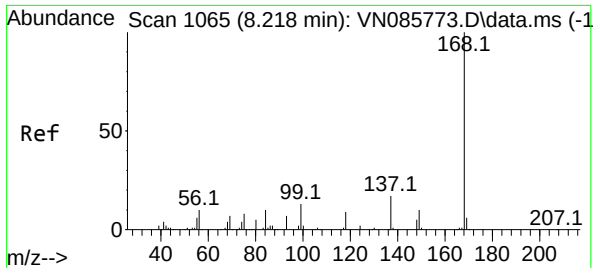
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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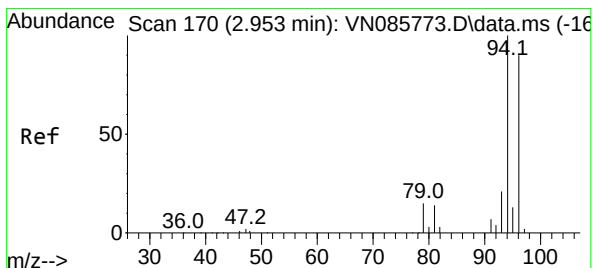
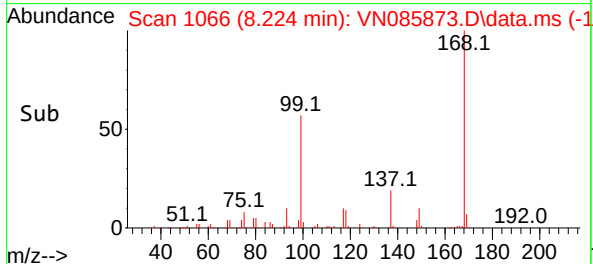
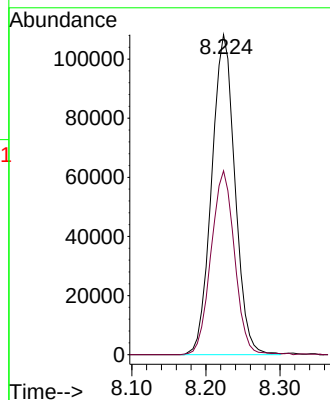
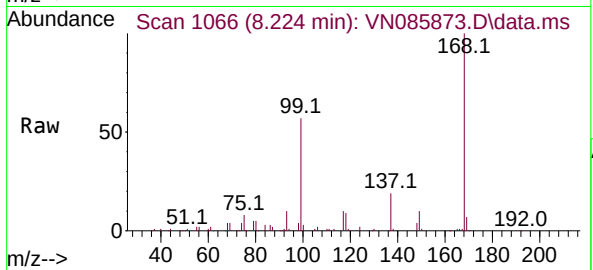




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085873.D
Acq: 26 Feb 2025 15:57

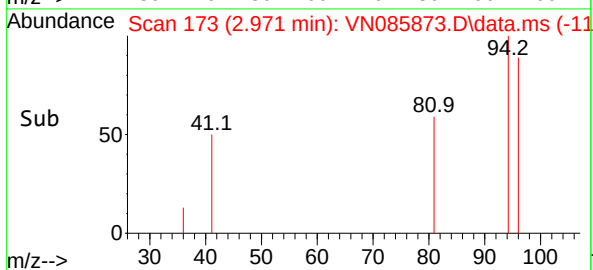
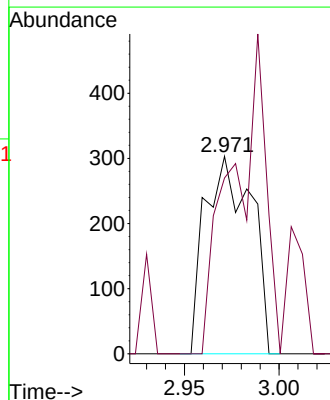
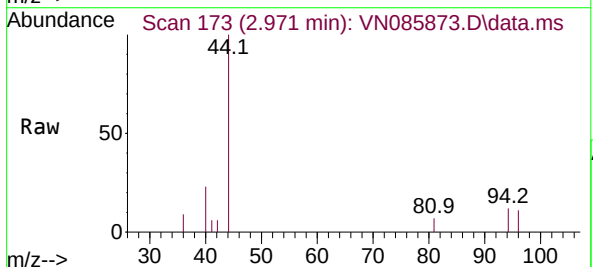
Instrument :
MSVOA_N
ClientSampleId :
50453

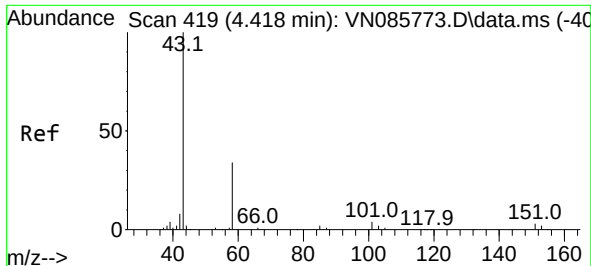
Tgt Ion:168 Resp: 236480
Ion Ratio Lower Upper
168 100
99 57.4 47.9 71.9



#5
Bromomethane
Concen: 0.237 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.018 min
Lab File: VN085873.D
Acq: 26 Feb 2025 15:57

Tgt Ion: 94 Resp: 518
Ion Ratio Lower Upper
94 100
96 89.1 71.7 107.5

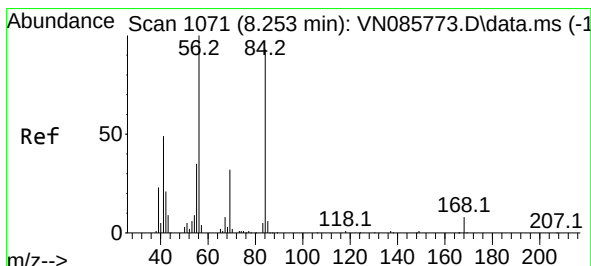
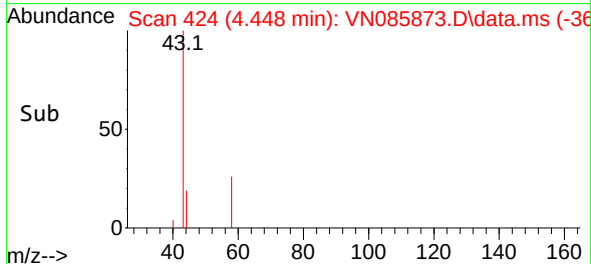
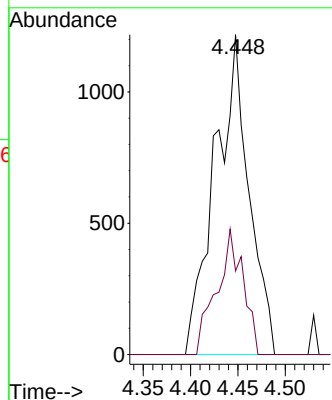
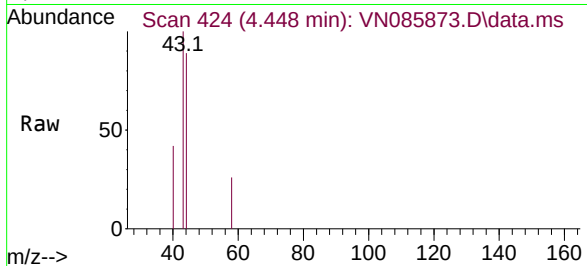




#16
Acetone
Concen: 3.142 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN085873.D
Acq: 26 Feb 2025 15:57

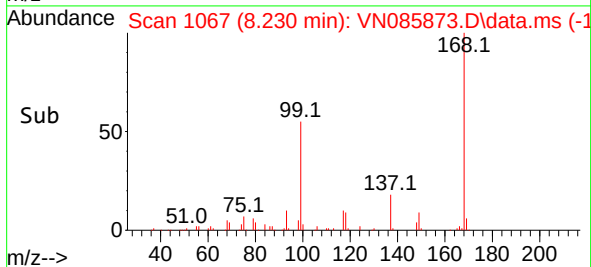
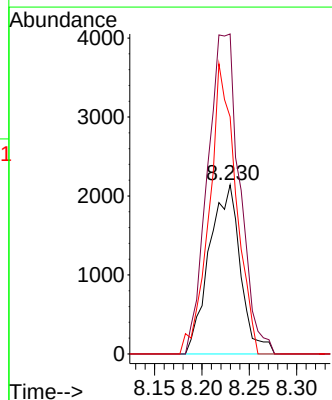
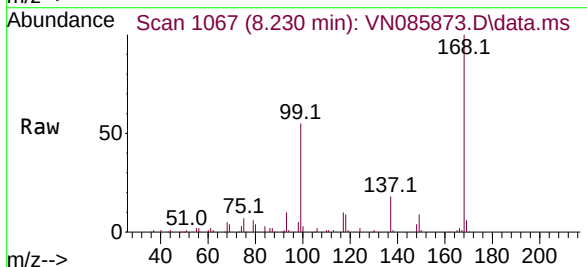
Instrument :
MSVOA_N
ClientSampleId :
50453

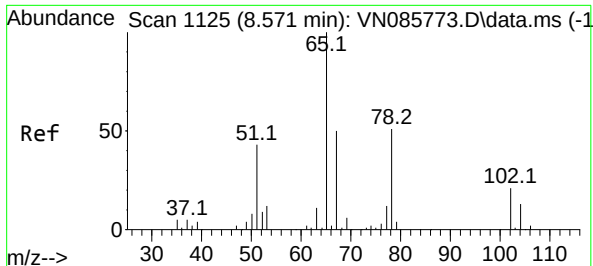
Tgt Ion: 43 Resp: 3048
Ion Ratio Lower Upper
43 100
58 26.1 27.5 41.3#



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN085873.D
Acq: 26 Feb 2025 15:57

Tgt Ion: 56 Resp: 4908
Ion Ratio Lower Upper
56 100
69 189.3 25.8 38.6#
84 140.3 74.5 111.7#





#33

1,2-Dichloroethane-d4

Concen: 57.884 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085873.D

Acq: 26 Feb 2025 15:57

Instrument :

MSVOA_N

ClientSampleId :

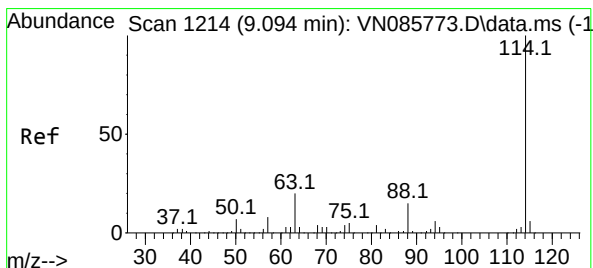
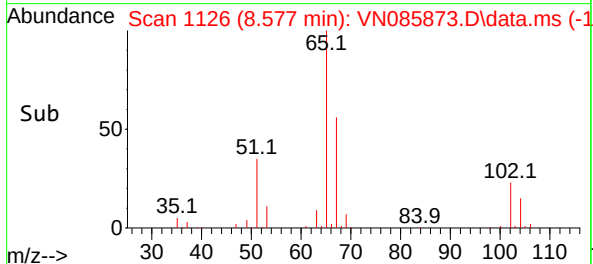
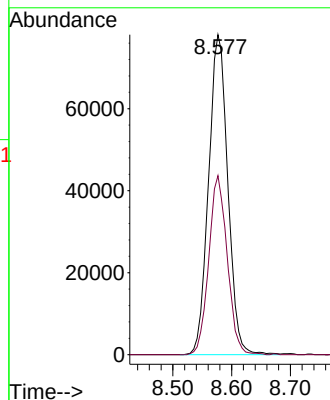
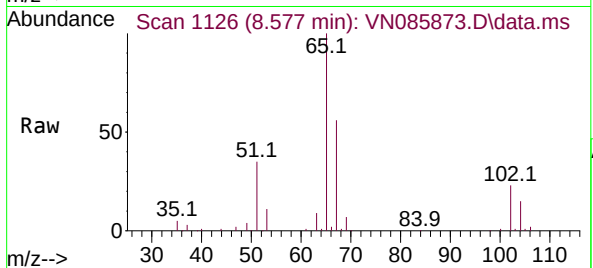
50453

Tgt Ion: 65 Resp: 177467

Ion Ratio Lower Upper

65 100

67 53.7 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: VN085873.D

Acq: 26 Feb 2025 15:57

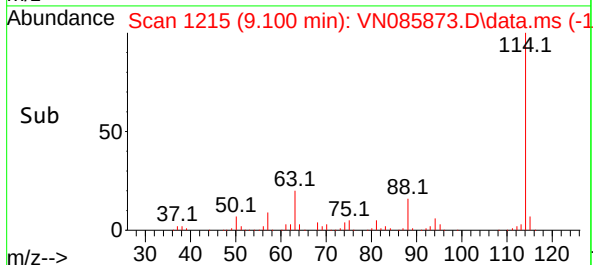
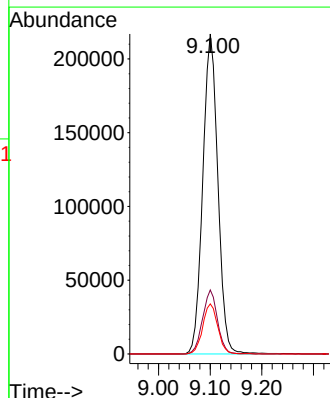
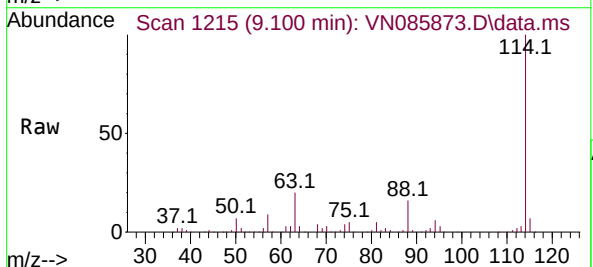
Tgt Ion: 114 Resp: 438685

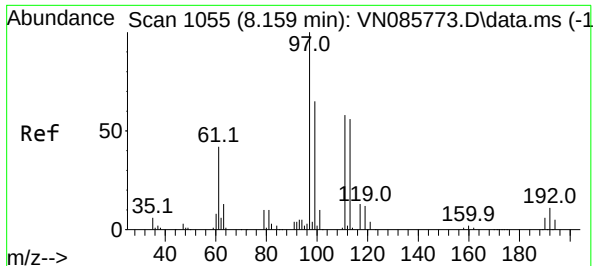
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 15.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 56.274 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085873.D

Acq: 26 Feb 2025 15:57

Instrument :

MSVOA_N

ClientSampleId :

50453

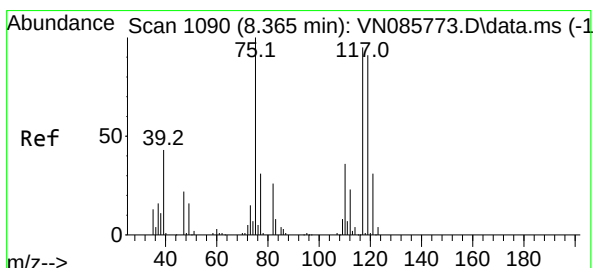
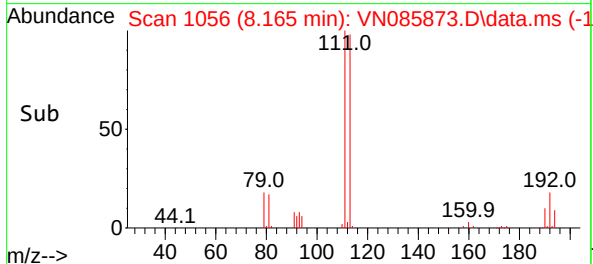
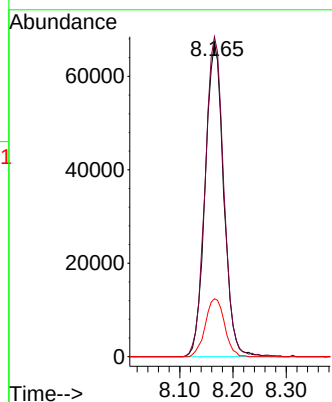
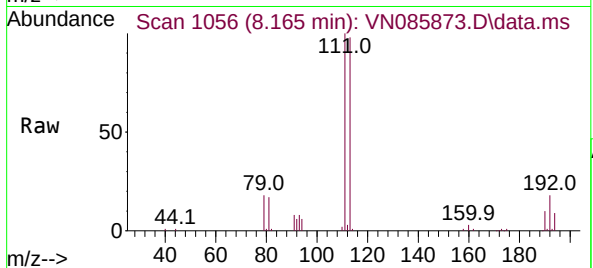
Tgt Ion:113 Resp: 161536

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 19.3 14.7 22.1



#36

1,1-Dichloropropene

Concen: 4.542 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085873.D

Acq: 26 Feb 2025 15:57

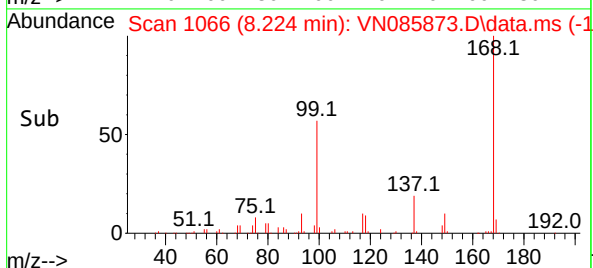
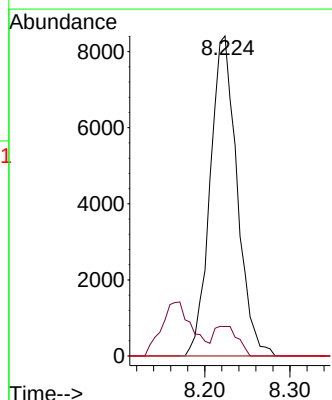
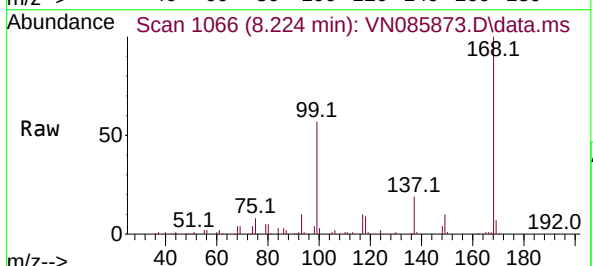
Tgt Ion: 75 Resp: 18451

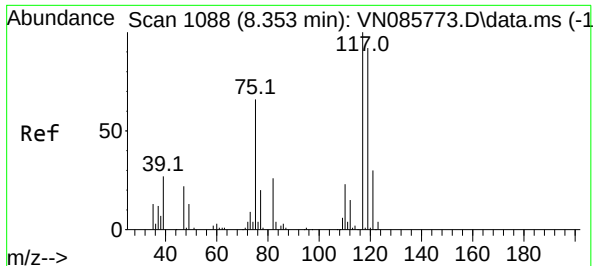
Ion Ratio Lower Upper

75 100

110 8.0 17.3 52.0#

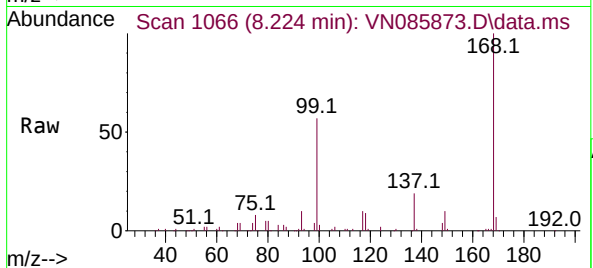
77 0.0 24.6 37.0#



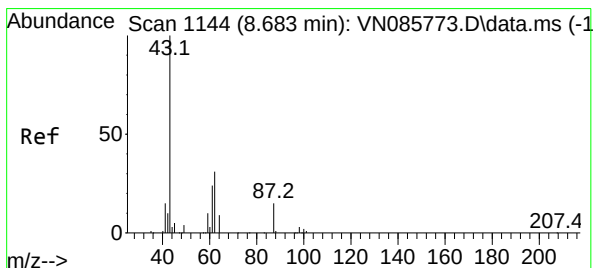
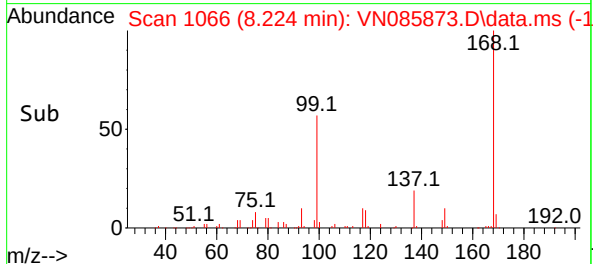
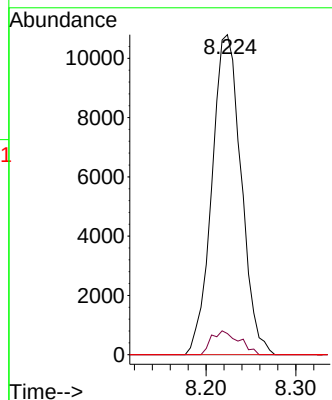


#38
Carbon Tetrachloride
Concen: 5.058 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.129 min
Lab File: VN085873.D
Acq: 26 Feb 2025 15:57

Instrument :
MSVOA_N
ClientSampleId :
50453

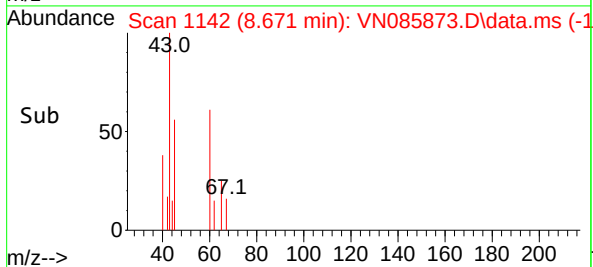
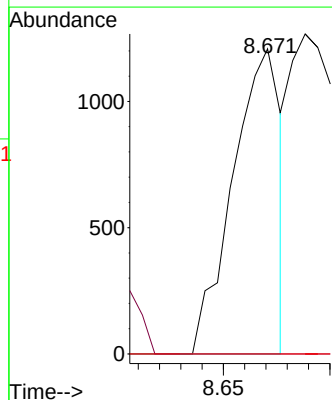
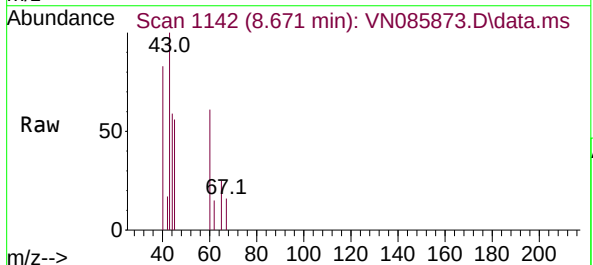


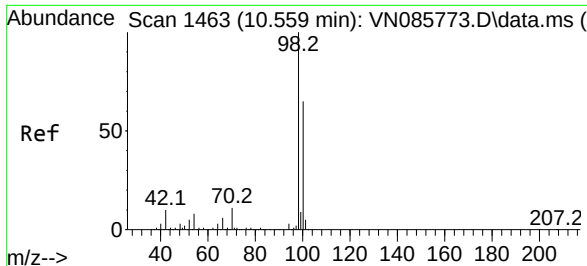
Tgt Ion:117 Resp: 24416
Ion Ratio Lower Upper
117 100
119 6.6 73.8 110.6#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.671 min Scan# 1142
Delta R.T. -0.012 min
Lab File: VN085873.D
Acq: 26 Feb 2025 15:57

Tgt Ion: 43 Resp: 1890
Ion Ratio Lower Upper
43 100
61 0.0 22.6 34.0#
87 0.0 11.8 17.8#

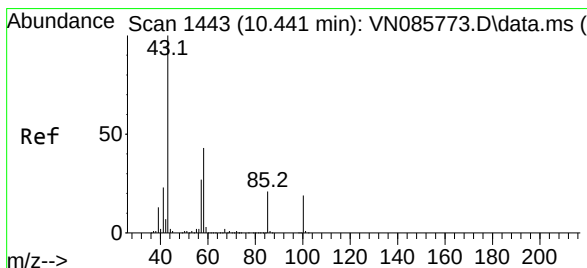
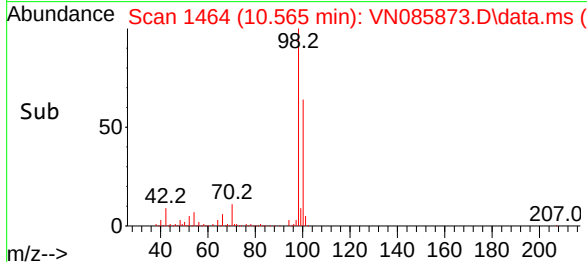
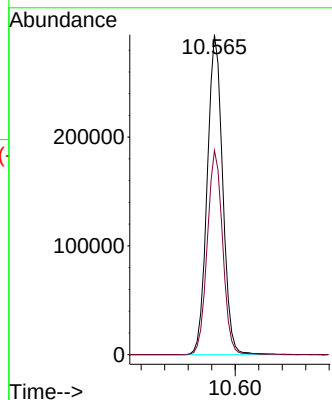
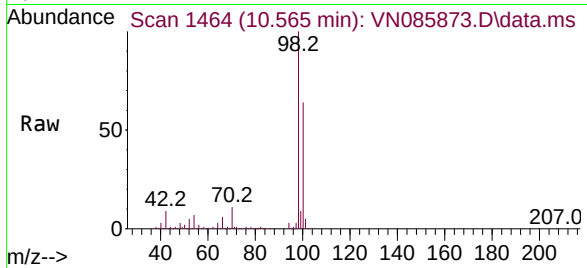




#50
Toluene-d8
Concen: 51.310 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085873.D
Acq: 26 Feb 2025 15:57

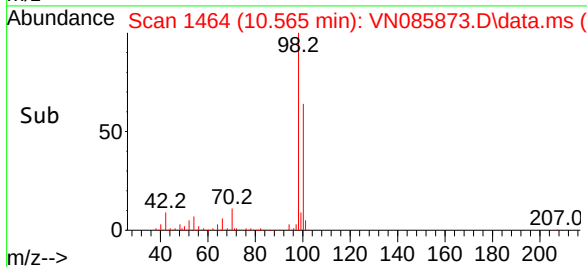
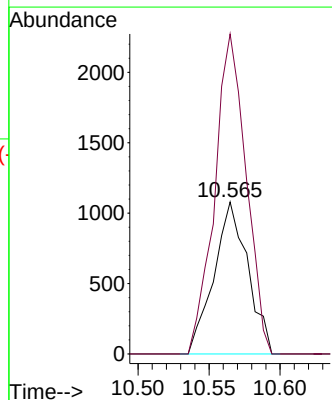
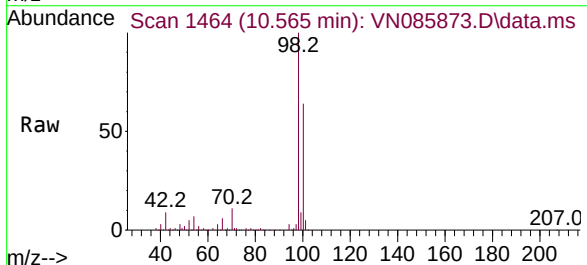
Instrument :
MSVOA_N
ClientSampleId :
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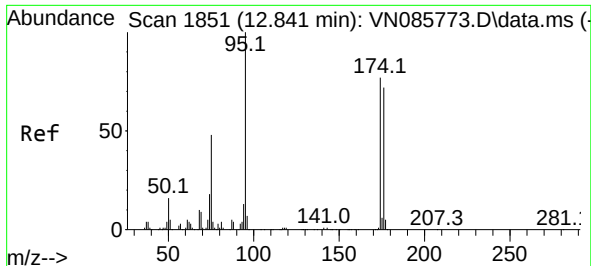
Tgt Ion: 98 Resp: 535879
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN085873.D
Acq: 26 Feb 2025 15:57

Tgt Ion: 43 Resp: 1792
Ion Ratio Lower Upper
43 100
58 195.8 34.6 52.0#



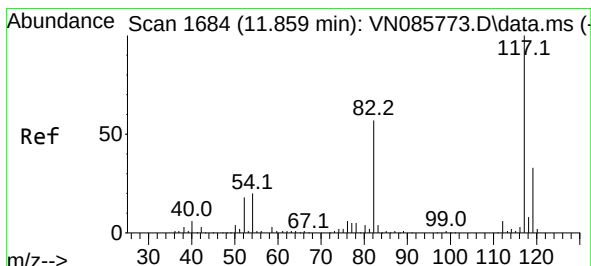
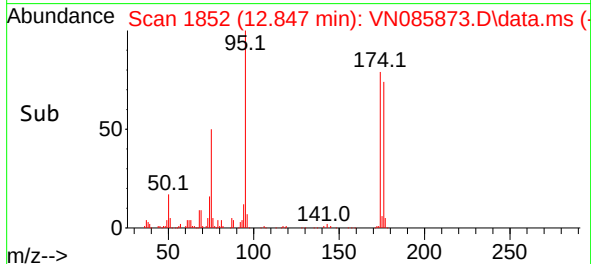
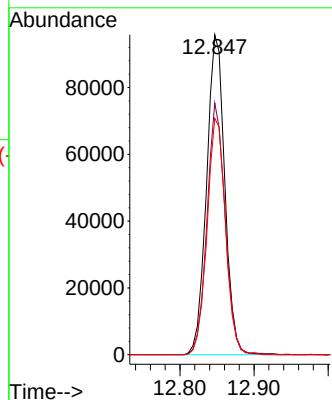
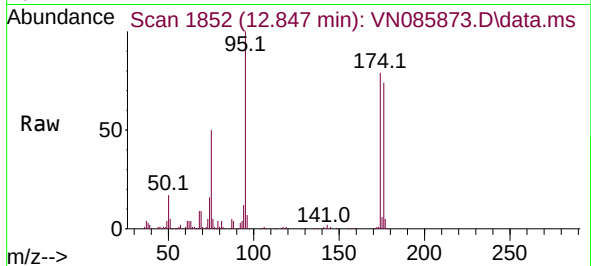


#62
4-Bromofluorobenzene
Concen: 47.407 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085873.D
Acq: 26 Feb 2025 15:57

Instrument :
MSVOA_N
ClientSampleId :
50453

Tgt Ion: 95 Resp: 163128

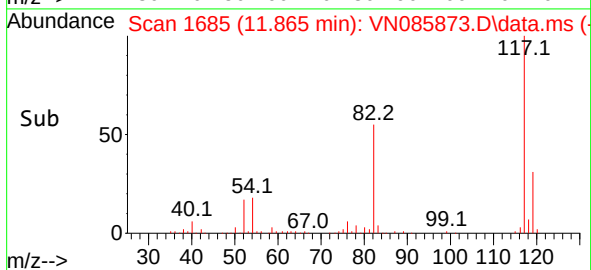
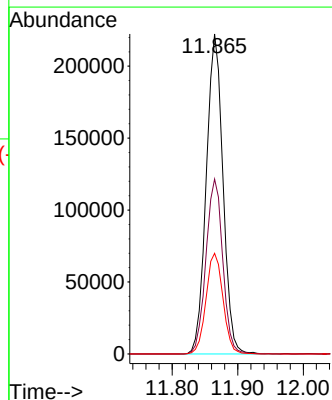
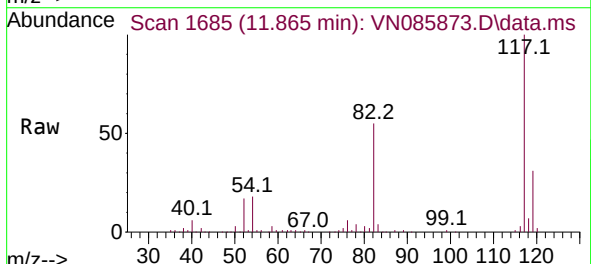
Ion	Ratio	Lower	Upper
95	100		
174	78.5	0.0	152.4
176	75.1	0.0	146.6

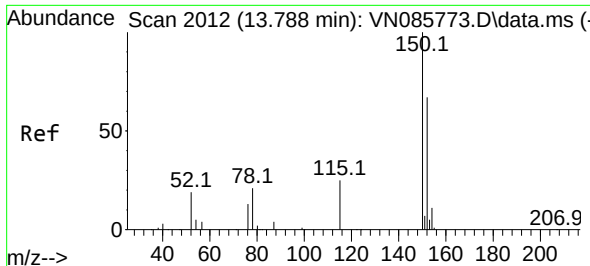


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085873.D
Acq: 26 Feb 2025 15:57

Tgt Ion: 117 Resp: 394463

Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.7	68.5
119	31.5	26.2	39.2

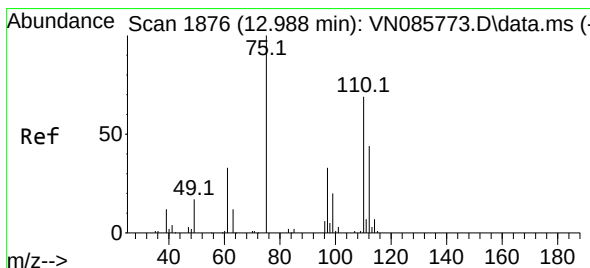
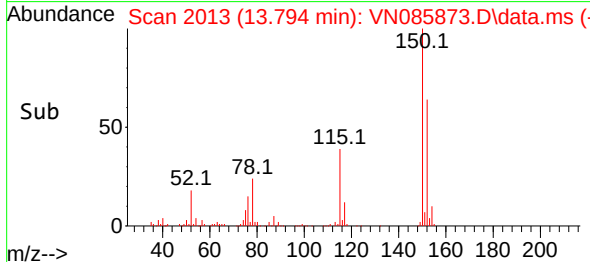
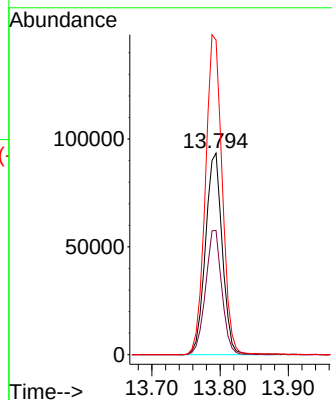
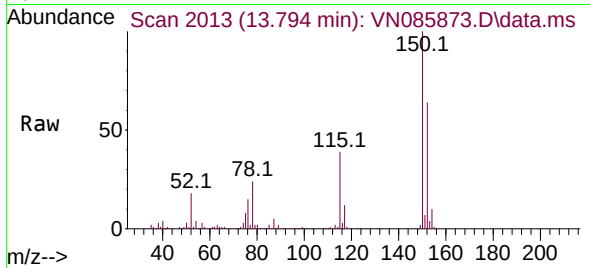




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN085873.D
Acq: 26 Feb 2025 15:57

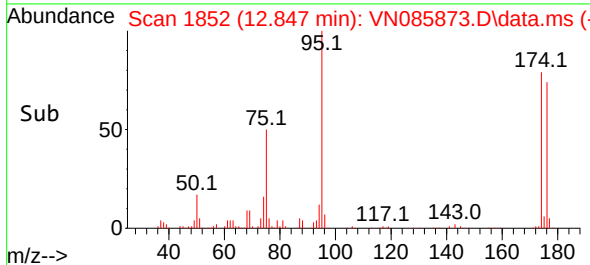
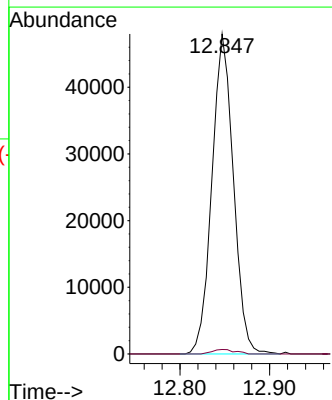
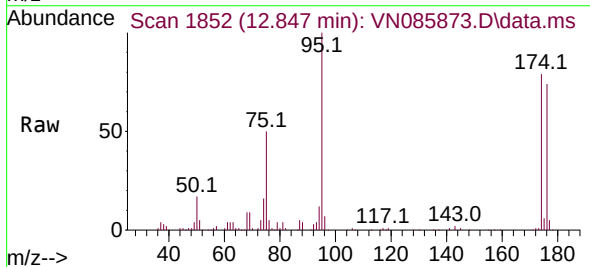
Instrument :
MSVOA_N
ClientSampleId :
50453

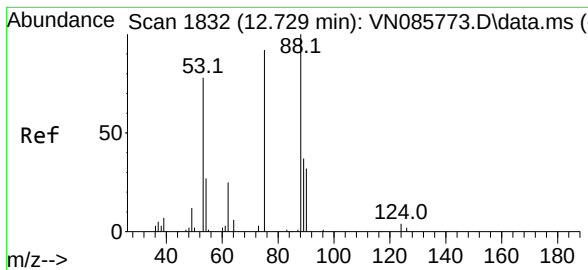
Tgt Ion:152 Resp: 160274
Ion Ratio Lower Upper
152 100
115 59.9 30.4 91.3
150 158.7 0.0 345.4



#76
1,2,3-Trichloropropane
Concen: 22.426 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085873.D
Acq: 26 Feb 2025 15:57

Tgt Ion: 75 Resp: 79843
Ion Ratio Lower Upper
75 100
77 1.5 100.0 300.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.435 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN085873.D
 Acq: 26 Feb 2025 15:57

Instrument :
 MSVOA_N
 ClientSampleId :
 50453

Tgt Ion: 75 Resp: 79843
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.9 52.3#

