

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085351.D
 Acq On : 30 Dec 2024 17:38
 Operator : JC\MD
 Sample : P5394-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 02:16:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

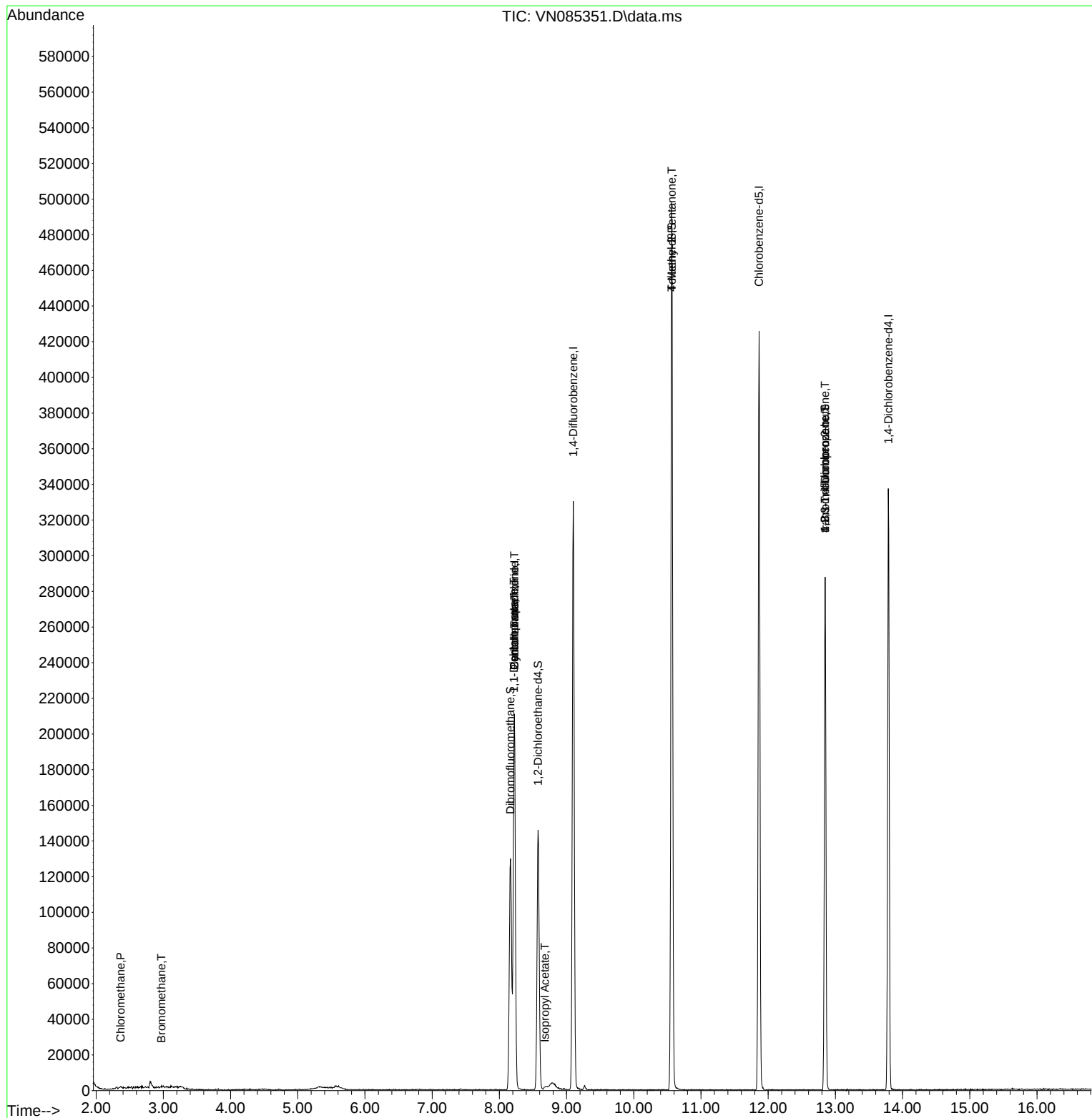
Internal Standards						
1) Pentafluorobenzene	8.224	168	140558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267601	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	83929	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119079	59.398	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	118.800%	
35) Dibromofluoromethane	8.165	113	93288	55.880	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	111.760%	
50) Toluene-d8	10.565	98	326964	53.372	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	106.740%	
62) 4-Bromofluorobenzene	12.847	95	92211	45.323	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	90.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	525	0.246	ug/l #	43
5) Bromomethane	2.971	94	309	0.209	ug/l #	80
31) Cyclohexane	8.224	56	3815	1.287	ug/l #	12
36) 1,1-Dichloropropene	8.218	75	13300	5.441	ug/l #	52
38) Carbon Tetrachloride	8.224	117	15497	5.816	ug/l #	16
43) Isopropyl Acetate	8.677	43	920	0.230	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	1609	0.716	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	53091	33.875	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53091	81.124	ug/l #	10

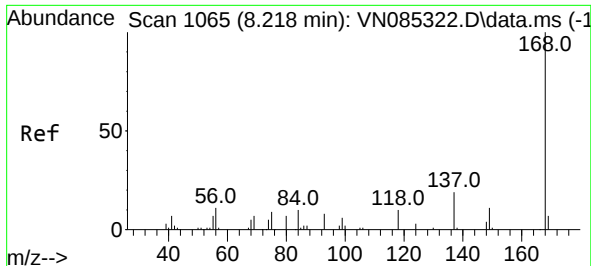
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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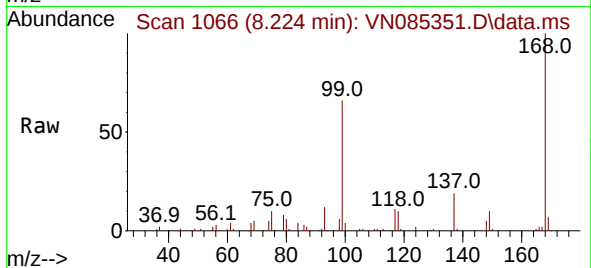
Quant Time: Dec 31 02:16:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
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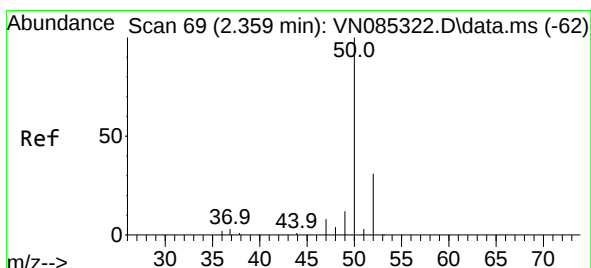
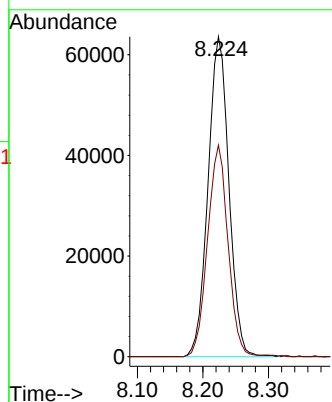
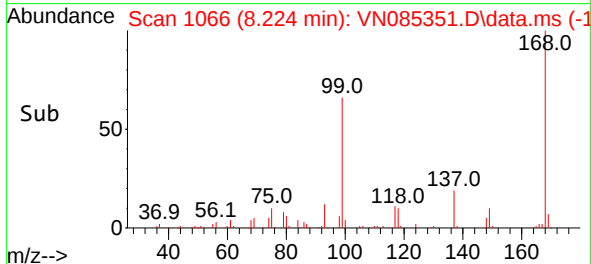


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085351.D
Acq: 30 Dec 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :

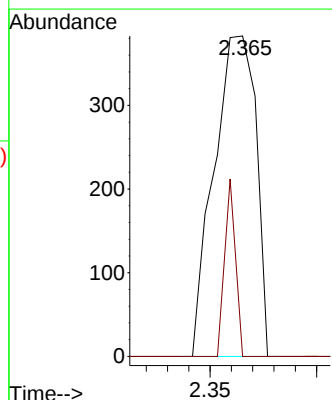
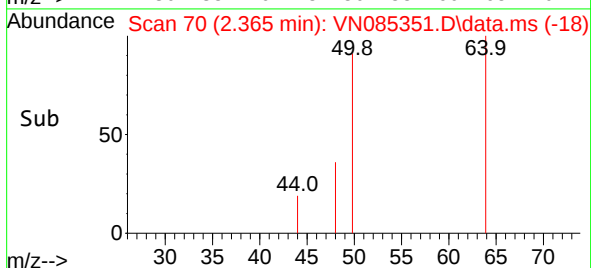
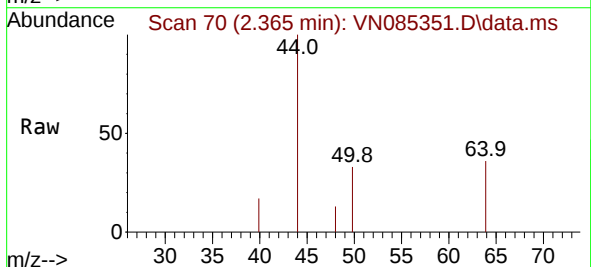


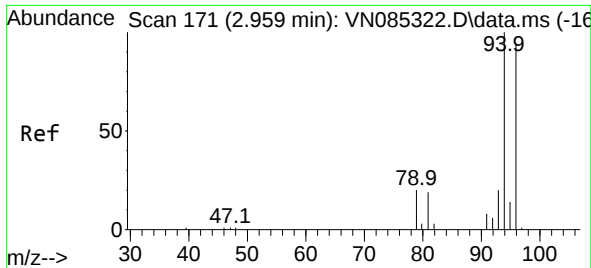
Tgt Ion:168 Resp: 140558
Ion Ratio Lower Upper
168 100
99 66.1 51.0 76.4



#3
Chloromethane
Concen: 0.246 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085351.D
Acq: 30 Dec 2024 17:38

Tgt Ion: 50 Resp: 525
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#





#5

Bromomethane

Concen: 0.209 ug/l

RT: 2.971 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN085351.D

Acq: 30 Dec 2024 17:38

Instrument :

MSVOA_N

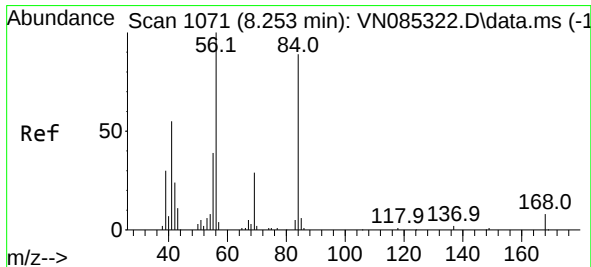
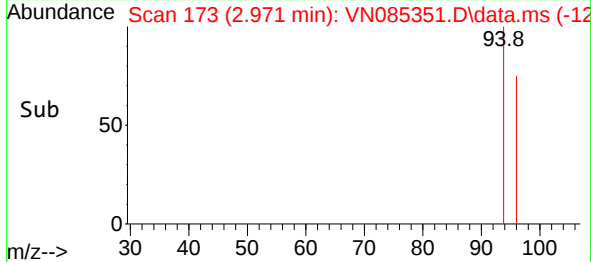
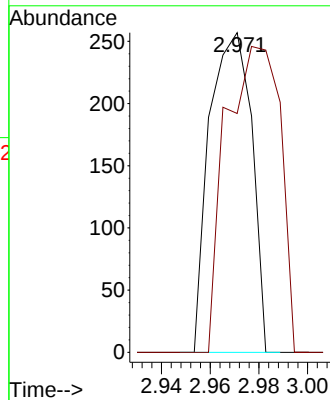
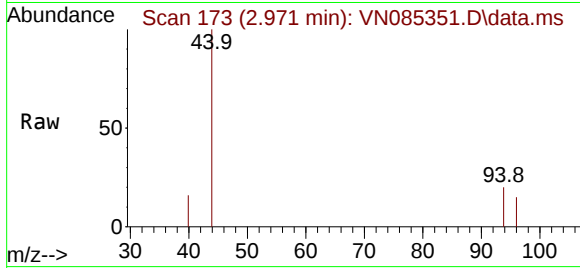
ClientSampleId :

Tgt Ion: 94 Resp: 309

Ion Ratio Lower Upper

94 100

96 74.7 75.2 112.8#



#31

Cyclohexane

Concen: 1.287 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

Lab File: VN085351.D

Acq: 30 Dec 2024 17:38

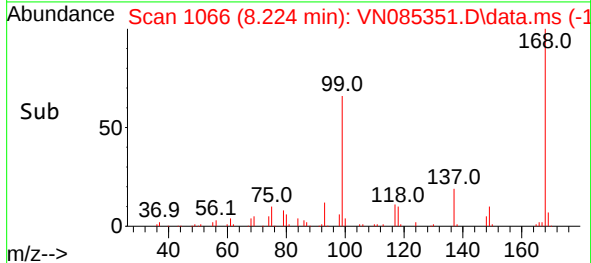
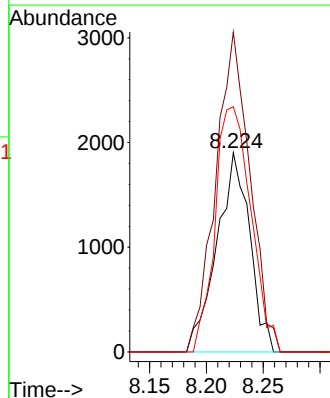
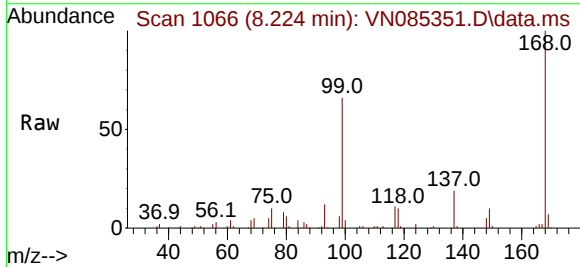
Tgt Ion: 56 Resp: 3815

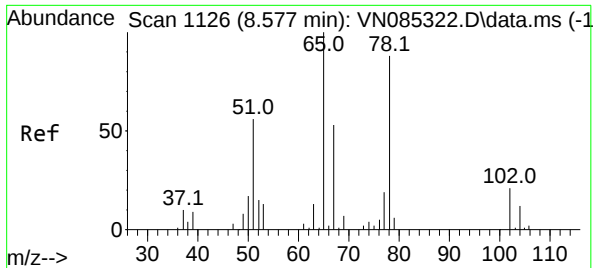
Ion Ratio Lower Upper

56 100

69 160.7 23.4 35.0#

84 123.1 71.0 106.6#

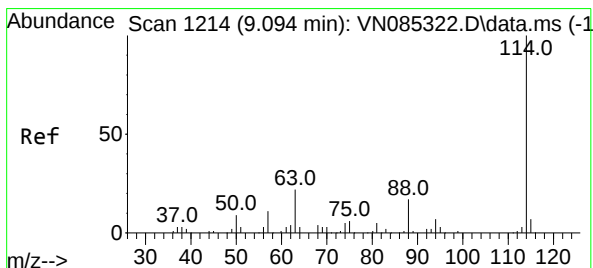
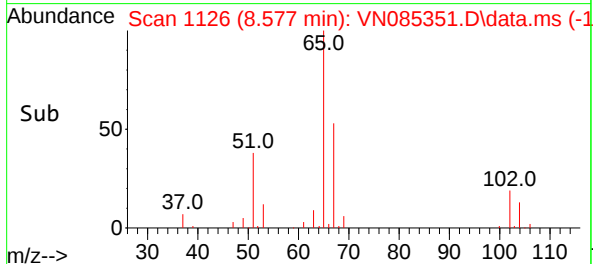
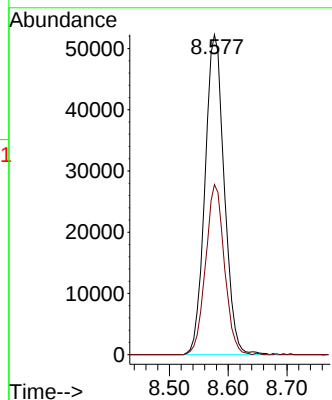
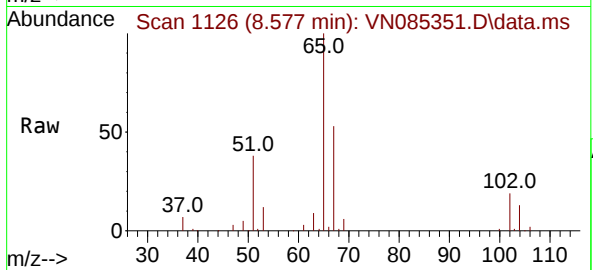




#33
1,2-Dichloroethane-d4
Concen: 59.398 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085351.D
Acq: 30 Dec 2024 17:38

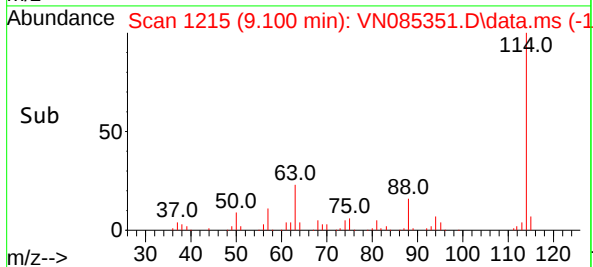
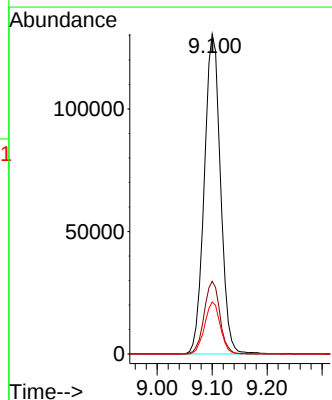
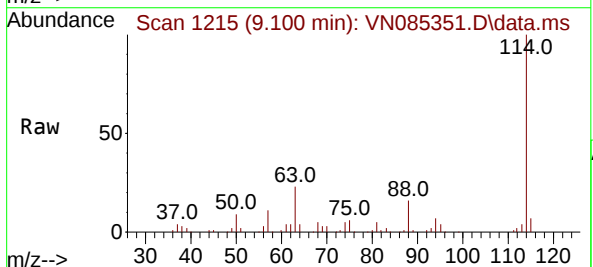
Instrument :
MSVOA_N
ClientSampleId :

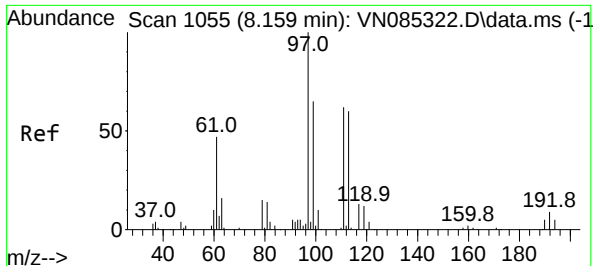
Tgt Ion: 65 Resp: 119079
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085351.D
Acq: 30 Dec 2024 17:38

Tgt Ion: 114 Resp: 267601
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.4
88 16.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 55.880 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085351.D

Acq: 30 Dec 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

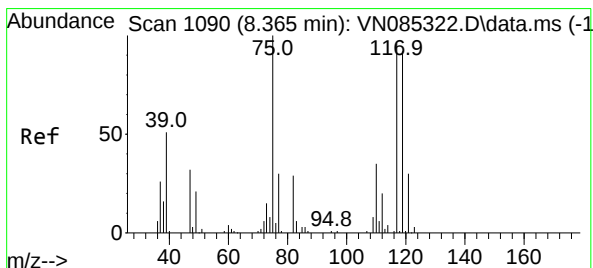
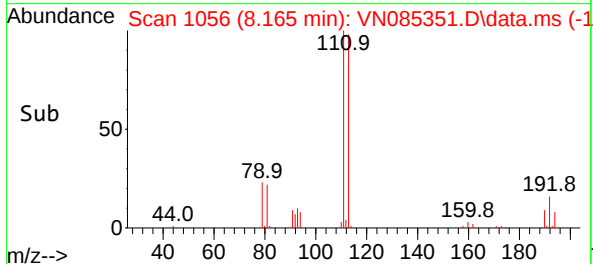
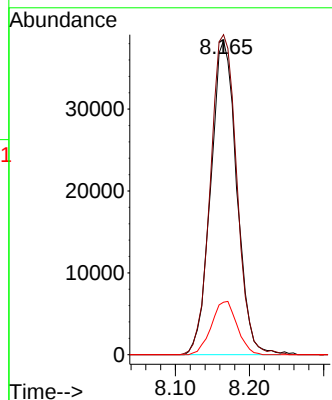
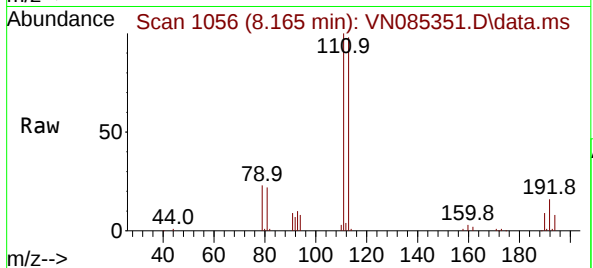
Tgt Ion:113 Resp: 93288

Ion Ratio Lower Upper

113 100

111 103.6 80.5 120.7

192 16.8 12.9 19.3



#36

1,1-Dichloropropene

Concen: 5.441 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085351.D

Acq: 30 Dec 2024 17:38

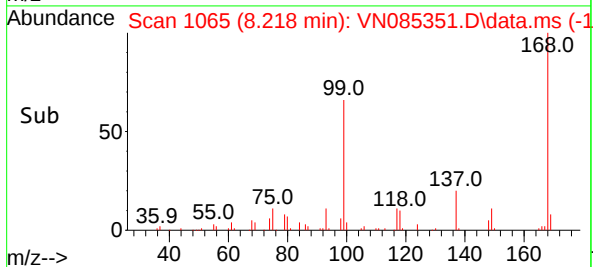
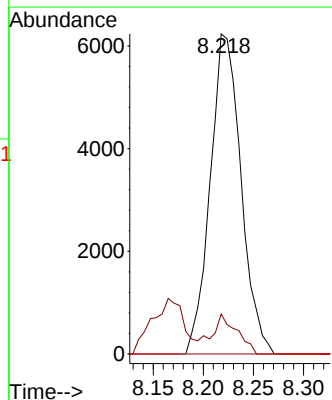
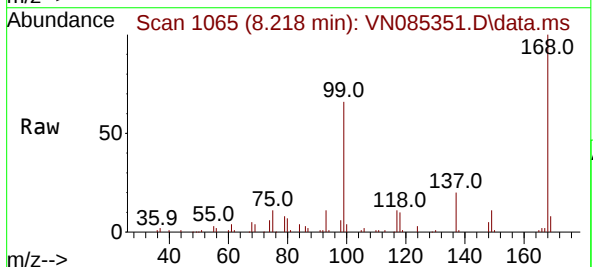
Tgt Ion: 75 Resp: 13300

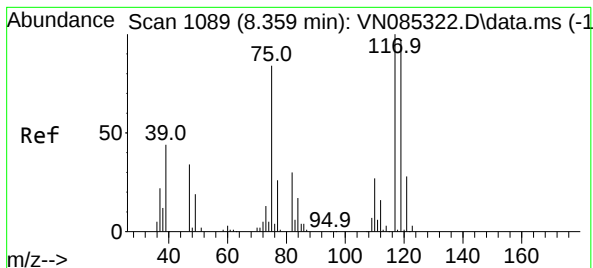
Ion Ratio Lower Upper

75 100

110 10.1 16.6 49.8#

77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.816 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

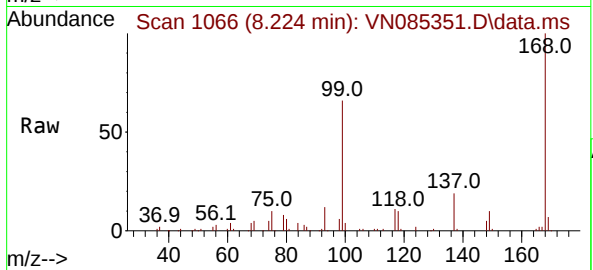
Lab File: VN085351.D

Acq: 30 Dec 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :



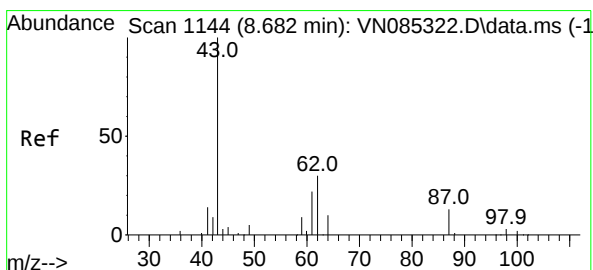
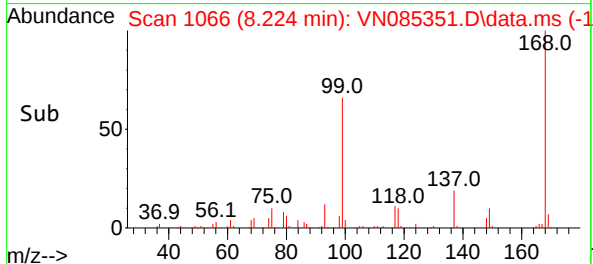
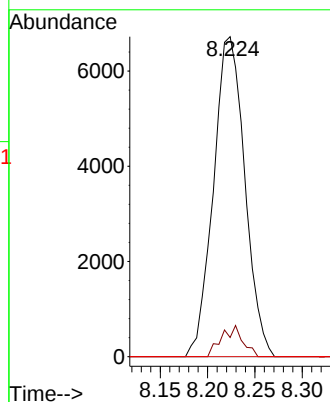
Tgt Ion:117 Resp: 15497

Ion Ratio Lower Upper

117 100

119 6.0 77.8 116.6#

121 0.0 22.5 33.7#



#43

Isopropyl Acetate

Concen: 0.230 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VN085351.D

Acq: 30 Dec 2024 17:38

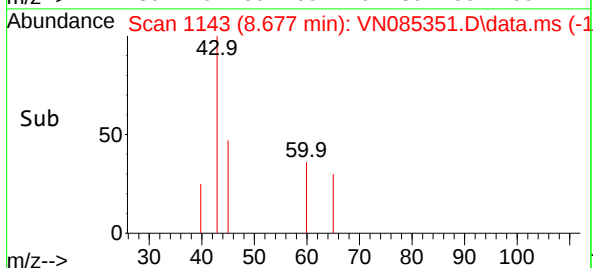
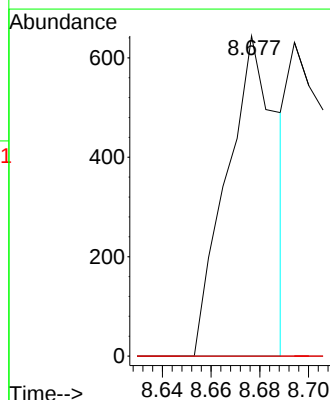
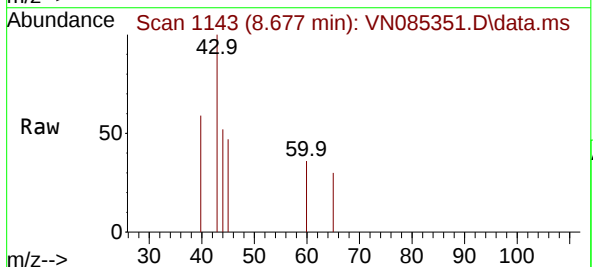
Tgt Ion: 43 Resp: 920

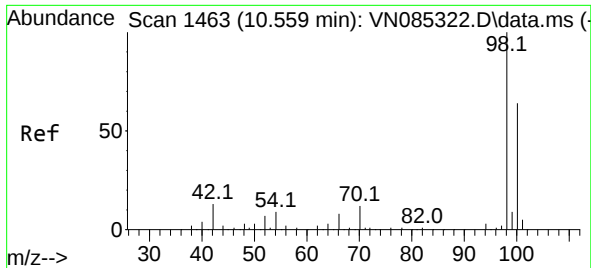
Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

87 0.0 10.2 15.4#

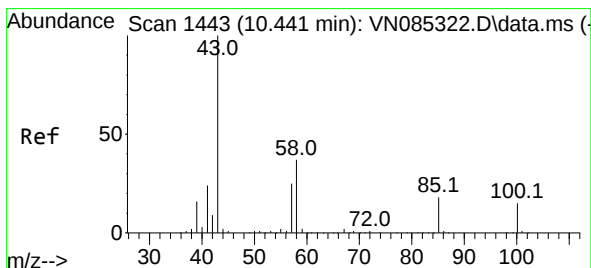
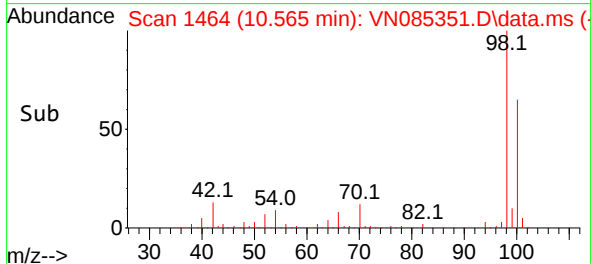
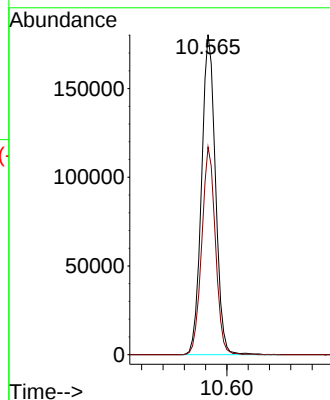
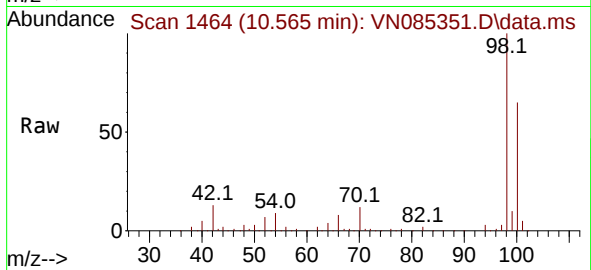




#50
Toluene-d8
Concen: 53.372 ug/l
RT: 10.565 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VN085351.D
Acq: 30 Dec 2024 17:38

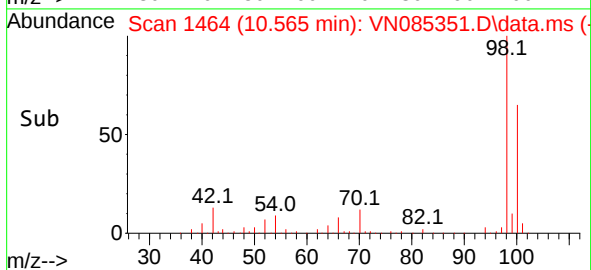
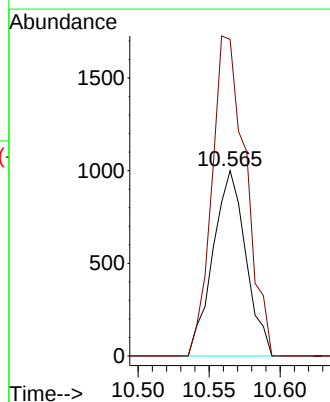
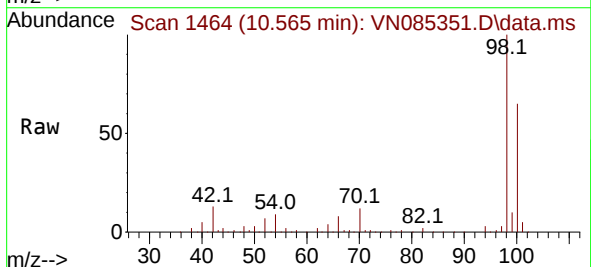
Instrument :
MSVOA_N
ClientSampleId :

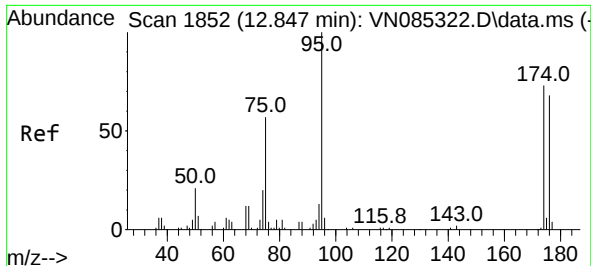
Tgt Ion: 98 Resp: 326964
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.716 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN085351.D
Acq: 30 Dec 2024 17:38

Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
58 177.6 30.3 45.5#

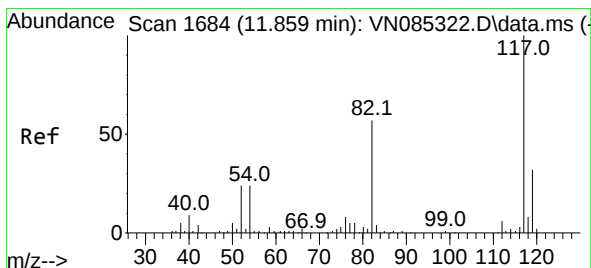
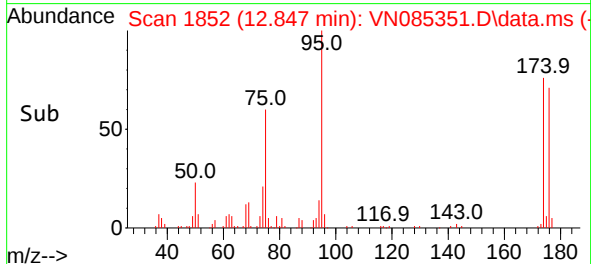
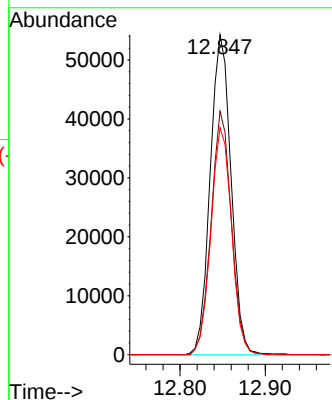
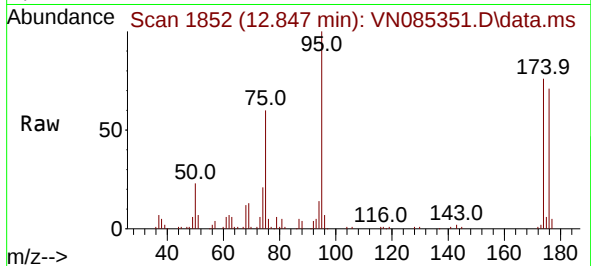




#62
4-Bromofluorobenzene
Concen: 45.323 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085351.D
Acq: 30 Dec 2024 17:38

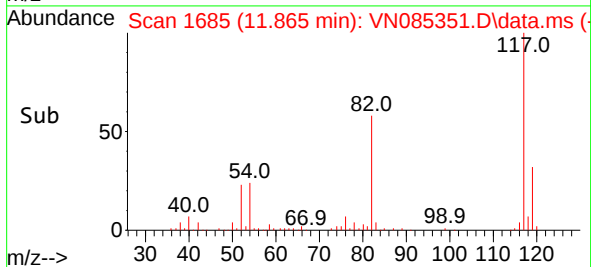
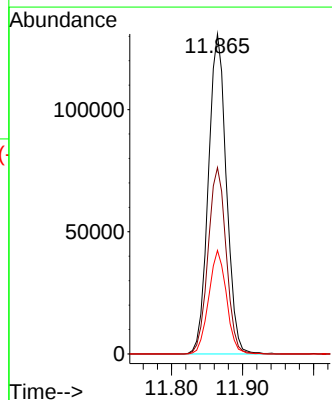
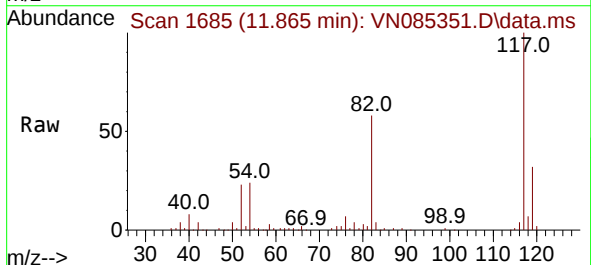
Instrument :
MSVOA_N
ClientSampleId :

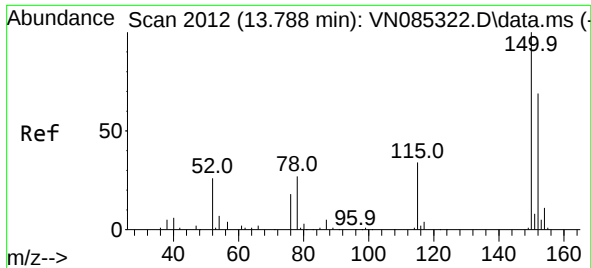
Tgt Ion: 95 Resp: 92211
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.2
176 70.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085351.D
Acq: 30 Dec 2024 17:38

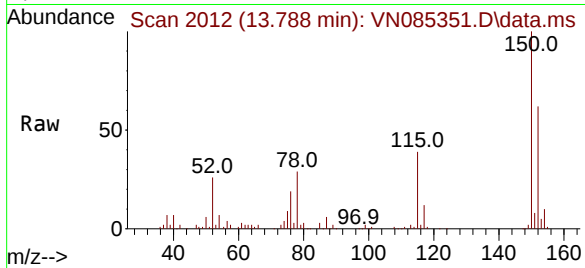
Tgt Ion: 117 Resp: 230526
Ion Ratio Lower Upper
117 100
82 58.3 45.7 68.5
119 32.4 25.8 38.8



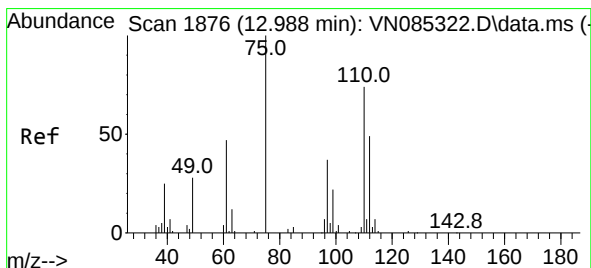
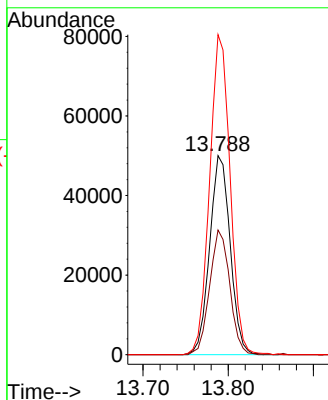
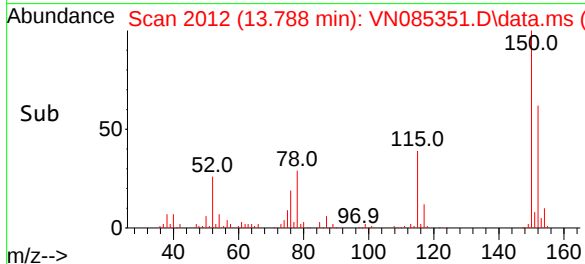


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN085351.D
 Acq: 30 Dec 2024 17:38

Instrument :
 MSVOA_N
 ClientSampleId :

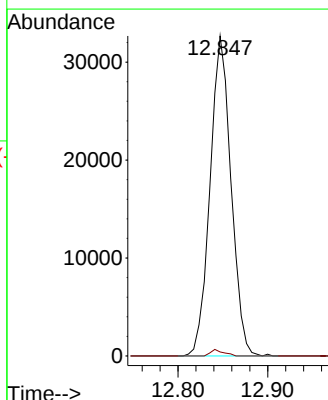
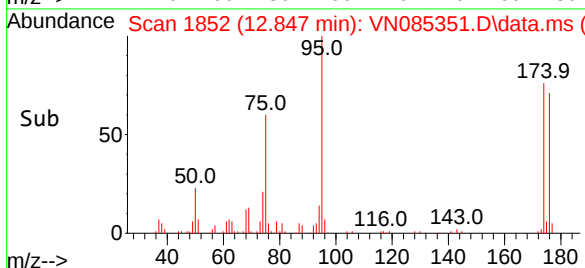
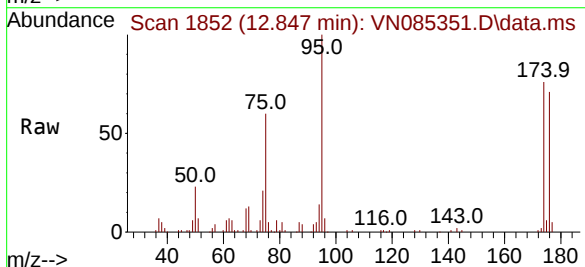


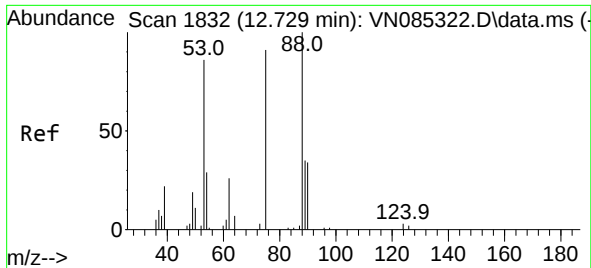
Tgt Ion:152 Resp: 83929
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.4 91.3
 150 160.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 33.875 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085351.D
 Acq: 30 Dec 2024 17:38

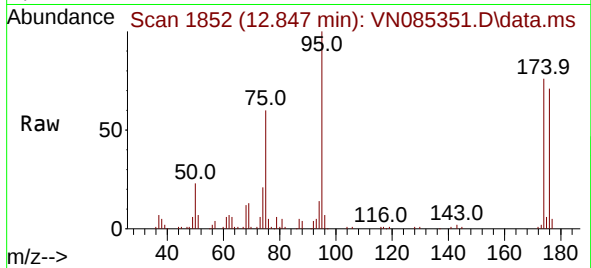
Tgt Ion: 75 Resp: 53091
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.1 294.3#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.124 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN085351.D
Acq: 30 Dec 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 53091
Ion Ratio Lower Upper
75 100
53 0.2 80.0 120.0#
89 0.0 35.8 53.8#

