

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085349.D
 Acq On : 30 Dec 2024 16:50
 Operator : JC\MD
 Sample : P5394-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 02:16:15 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)

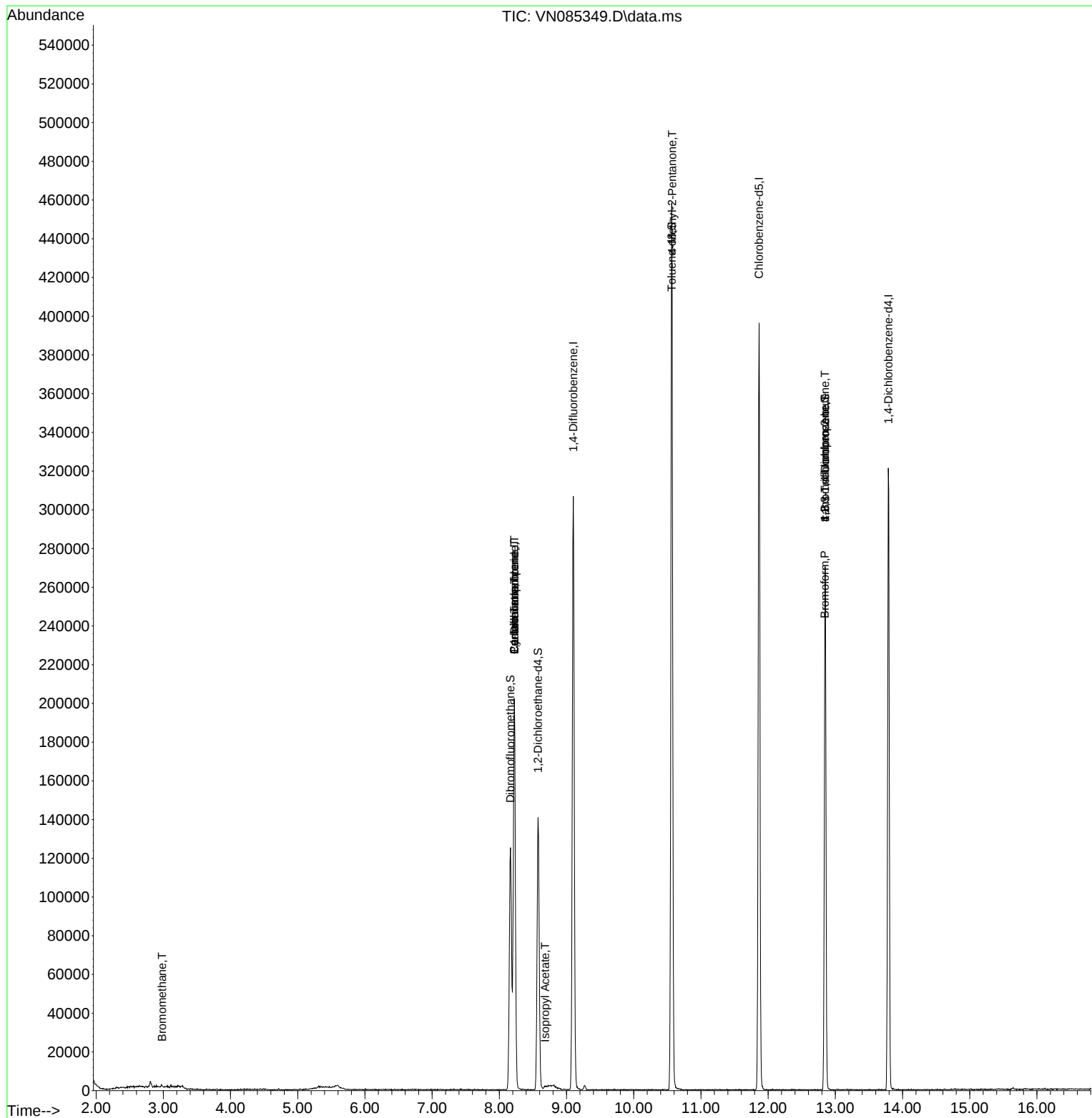
Internal Standards						
1) Pentafluorobenzene	8.224	168	135951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	82485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114665	59.135	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.260%			
35) Dibromofluoromethane	8.165	113	90643	57.882	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.760%			
50) Toluene-d8	10.565	98	304517	52.992	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.980%			
62) 4-Bromofluorobenzene	12.847	95	89003	46.636	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.280%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	343	0.240	ug/l	98
31) Cyclohexane	8.224	56	3945	1.376	ug/l #	15
36) 1,1-Dichloropropene	8.224	75	12881	5.618	ug/l #	49
38) Carbon Tetrachloride	8.224	117	14934	5.975	ug/l #	17
43) Isopropyl Acetate	8.683	43	1573	0.419	ug/l #	55
51) 4-Methyl-2-Pentanone	10.571	43	1467	0.696	ug/l #	1
71) Bromoform	12.841	173	626	0.576	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	49598	32.200	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	49598	77.114	ug/l #	10

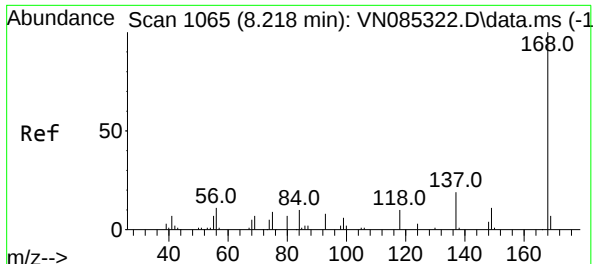
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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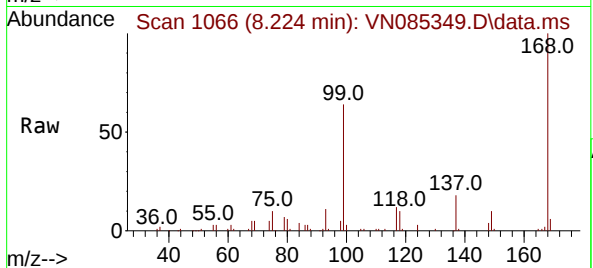
Quant Time: Dec 31 02:16:15 2024
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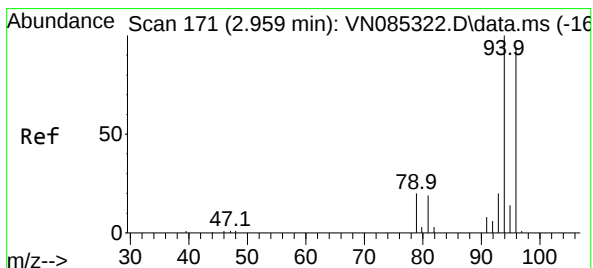
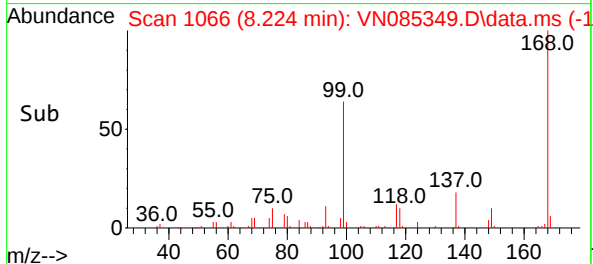
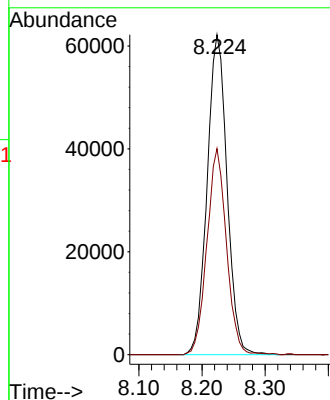


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085349.D
Acq: 30 Dec 2024 16:50

Instrument :
MSVOA_N
ClientSampleId :

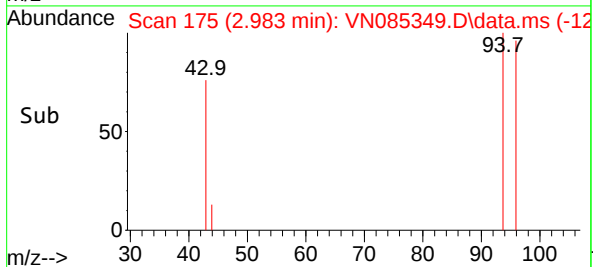
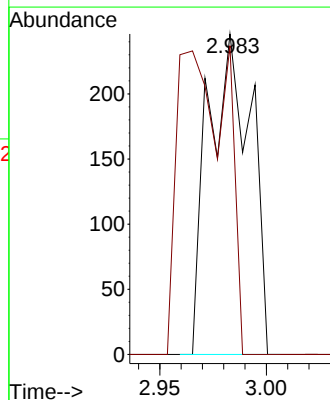
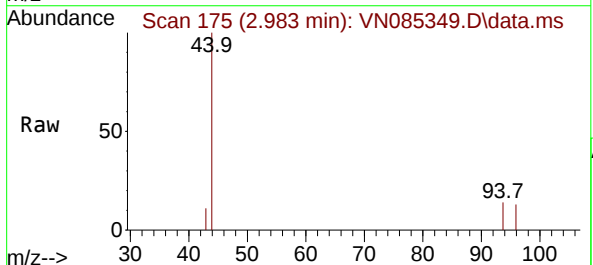


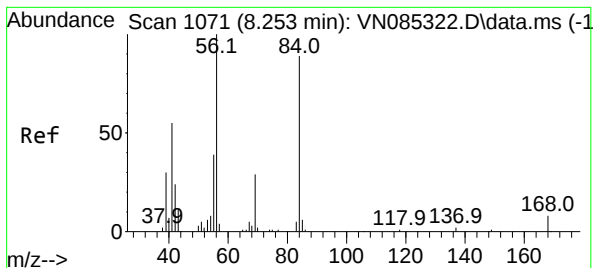
Tgt Ion:168 Resp: 135951
Ion Ratio Lower Upper
168 100
99 64.4 51.0 76.4



#5
Bromomethane
Concen: 0.240 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.024 min
Lab File: VN085349.D
Acq: 30 Dec 2024 16:50

Tgt Ion: 94 Resp: 343
Ion Ratio Lower Upper
94 100
96 96.3 75.2 112.8





#31

Cyclohexane

Concen: 1.376 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.029 min

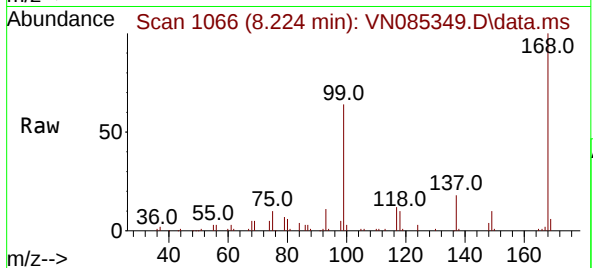
Lab File: VN085349.D

Acq: 30 Dec 2024 16:50

Instrument :

MSVOA_N

ClientSampleId :



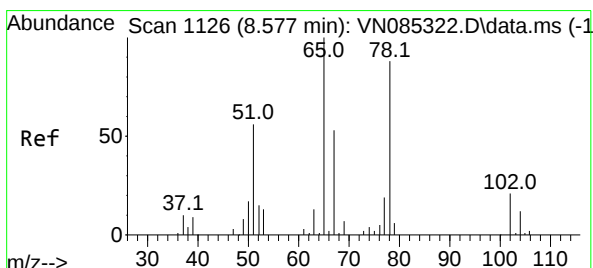
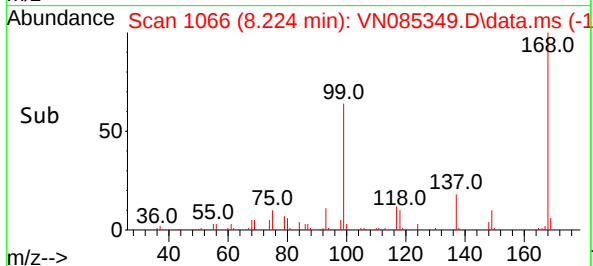
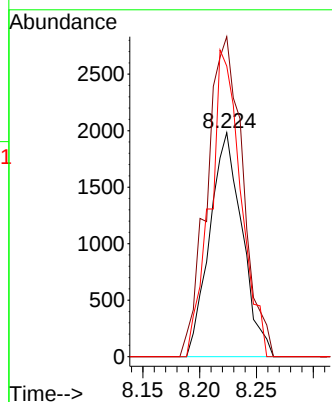
Tgt Ion: 56 Resp: 3945

Ion Ratio Lower Upper

56 100

69 142.9 23.4 35.0#

84 129.7 71.0 106.6#



#33

1,2-Dichloroethane-d4

Concen: 59.135 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085349.D

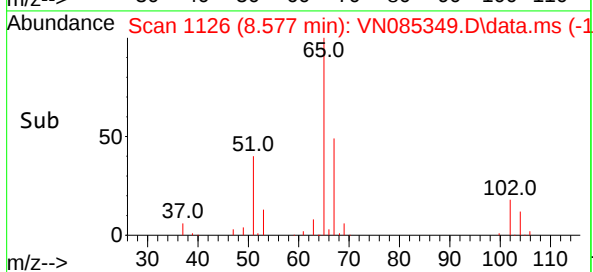
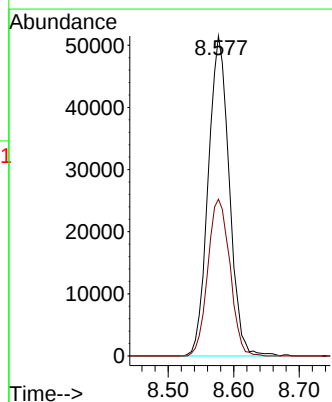
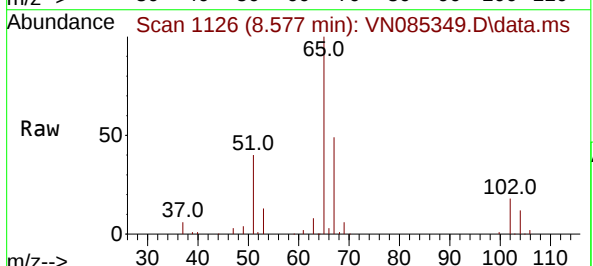
Acq: 30 Dec 2024 16:50

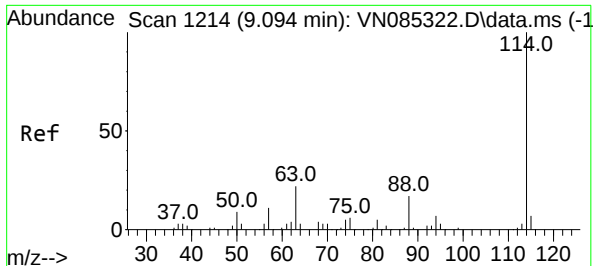
Tgt Ion: 65 Resp: 114665

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085349.D

Acq: 30 Dec 2024 16:50

Instrument :

MSVOA_N

ClientSampleId :

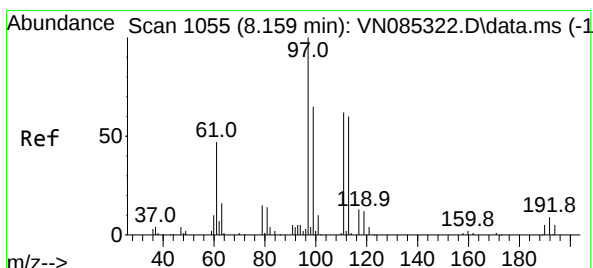
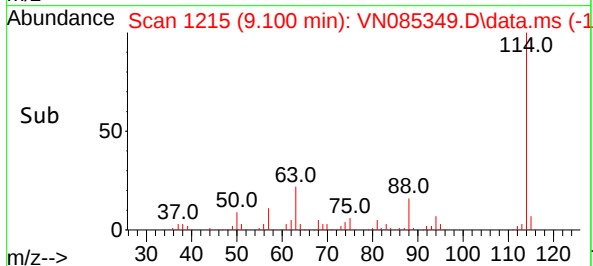
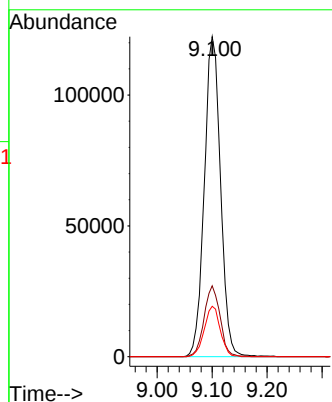
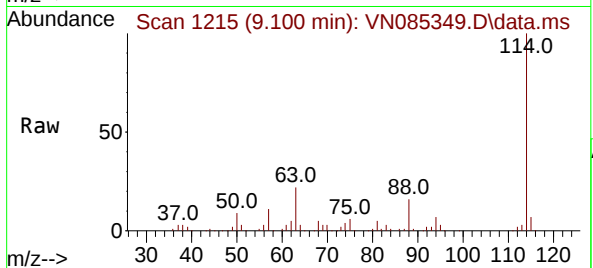
Tgt Ion:114 Resp: 251018

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 15.8 0.0 33.6



#35

Dibromofluoromethane

Concen: 57.882 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085349.D

Acq: 30 Dec 2024 16:50

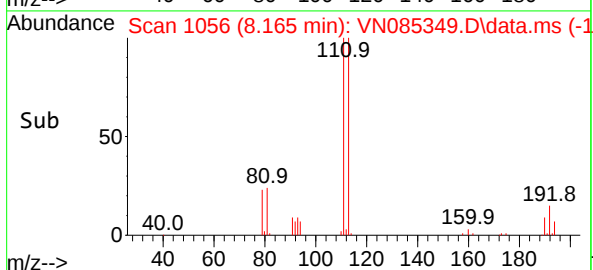
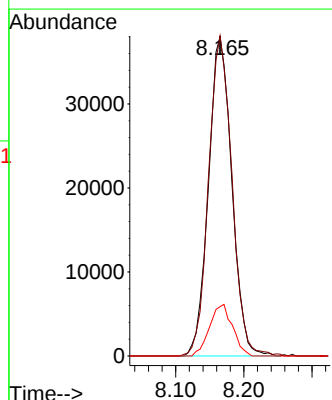
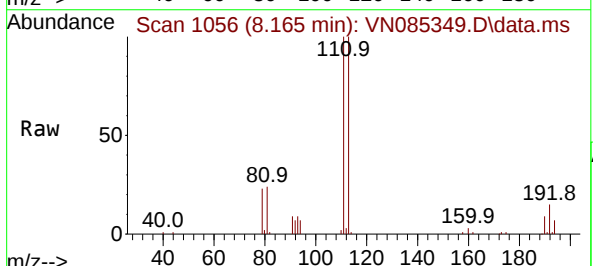
Tgt Ion:113 Resp: 90643

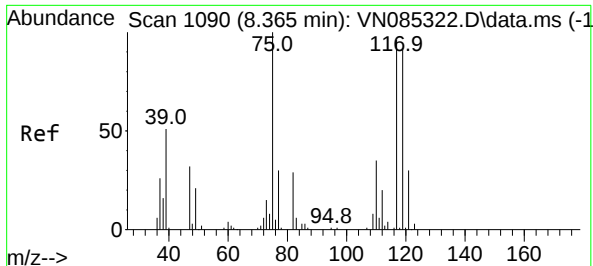
Ion Ratio Lower Upper

113 100

111 100.1 80.5 120.7

192 15.9 12.9 19.3





#36

1,1-Dichloropropene

Concen: 5.618 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085349.D

Acq: 30 Dec 2024 16:50

Instrument :

MSVOA_N

ClientSampleId :

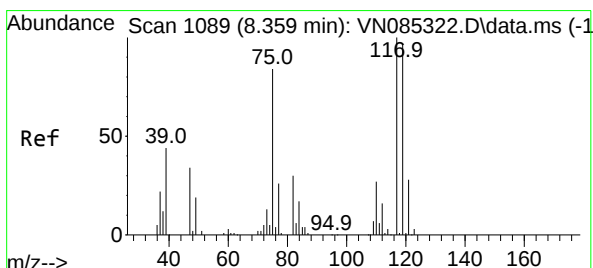
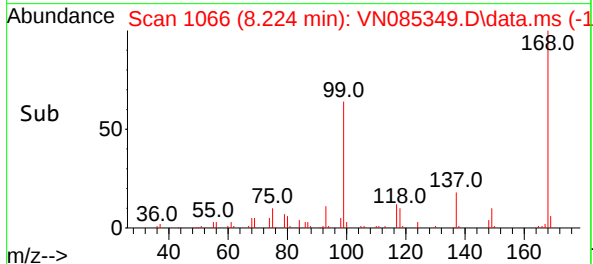
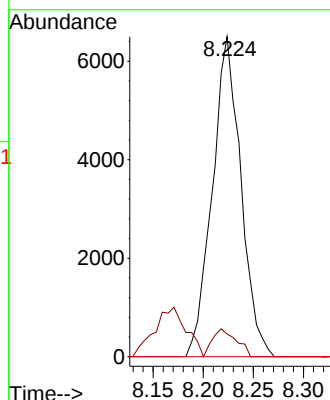
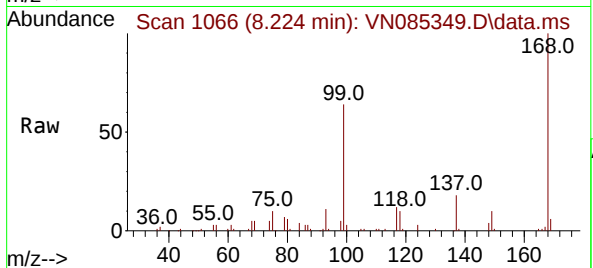
Tgt Ion: 75 Resp: 12881

Ion Ratio Lower Upper

75 100

110 7.3 16.6 49.8#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.975 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN085349.D

Acq: 30 Dec 2024 16:50

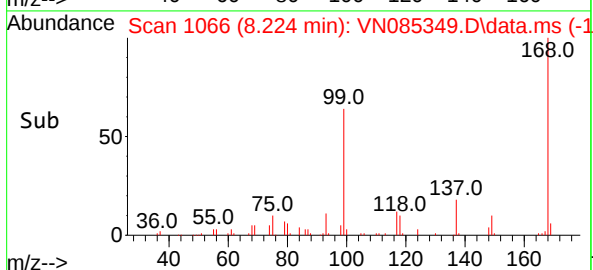
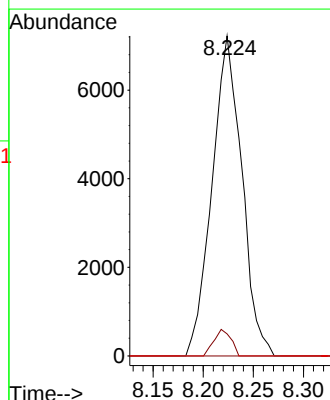
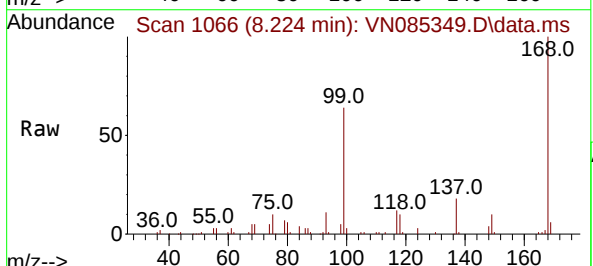
Tgt Ion: 117 Resp: 14934

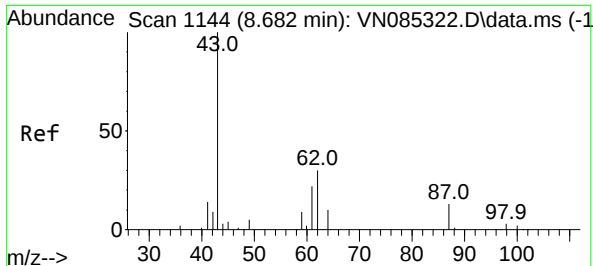
Ion Ratio Lower Upper

117 100

119 6.9 77.8 116.6#

121 0.0 22.5 33.7#





#43

Isopropyl Acetate

Concen: 0.419 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085349.D

Acq: 30 Dec 2024 16:50

Instrument :

MSVOA_N

ClientSampleId :

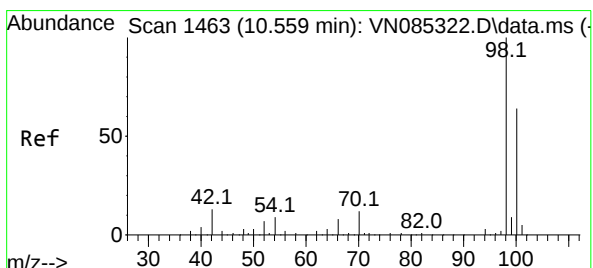
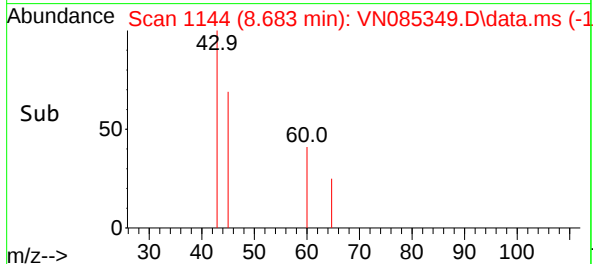
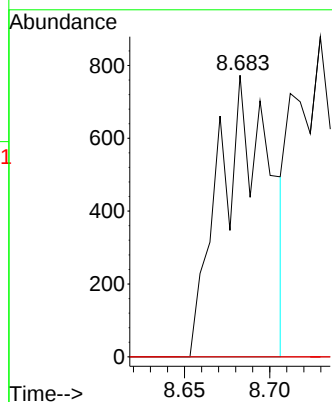
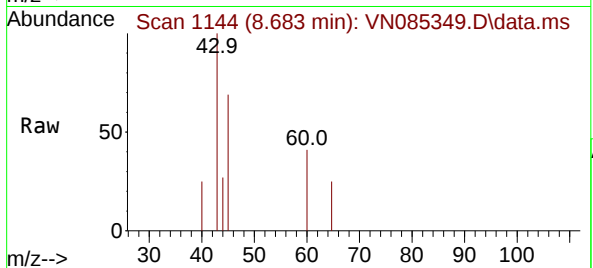
Tgt Ion: 43 Resp: 1573

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

87 0.0 10.2 15.4#



#50

Toluene-d8

Concen: 52.992 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085349.D

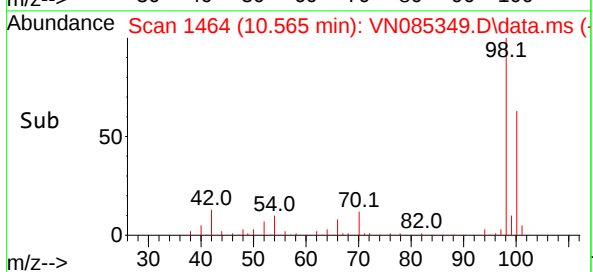
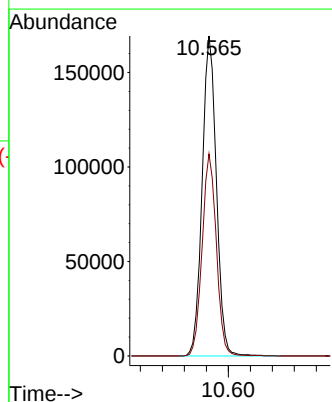
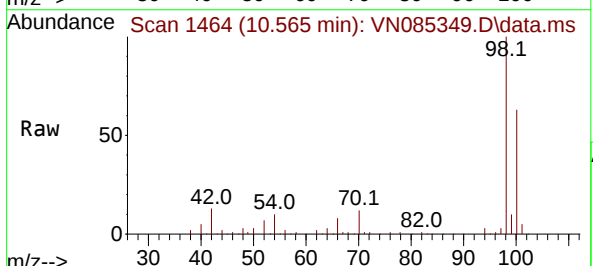
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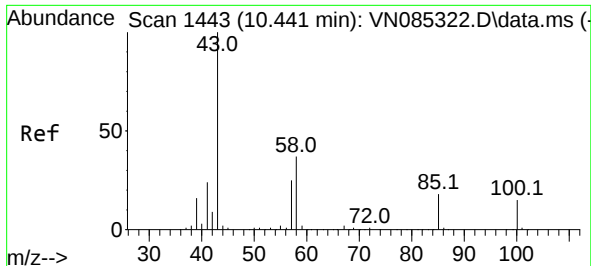
Tgt Ion: 98 Resp: 304517

Ion Ratio Lower Upper

98 100

100 62.9 51.5 77.3

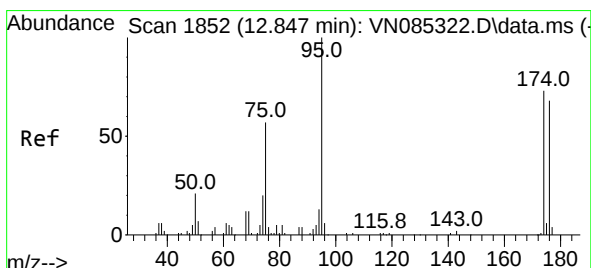
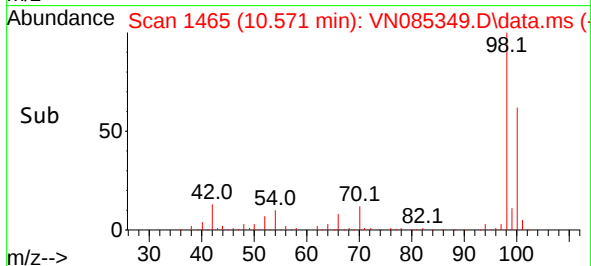
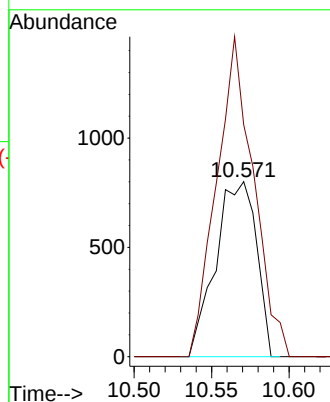
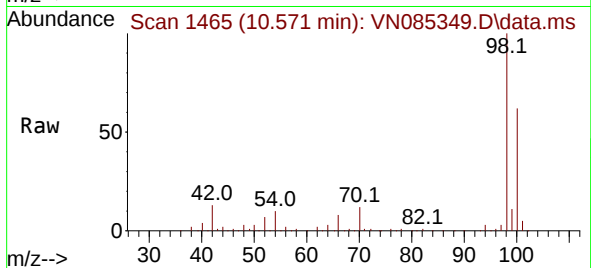




#51
4-Methyl-2-Pentanone
Concen: 0.696 ug/l
RT: 10.571 min Scan# 1443
Delta R.T. 0.130 min
Lab File: VN085349.D
Acq: 30 Dec 2024 16:50

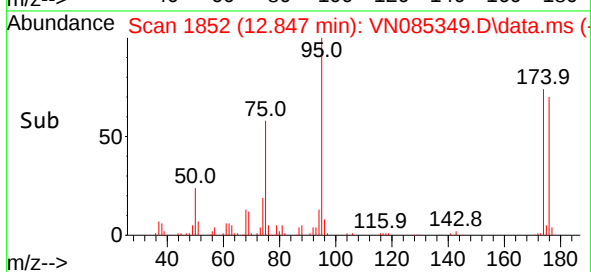
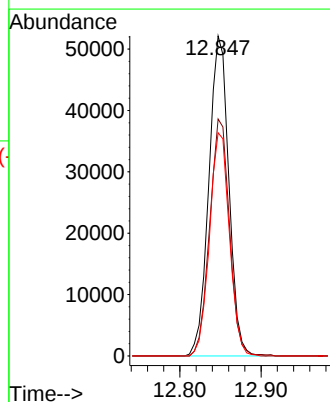
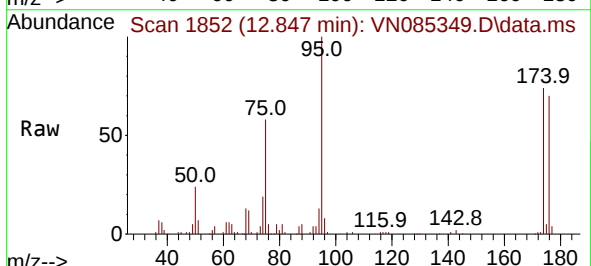
Instrument :
MSVOA_N
ClientSampleId :

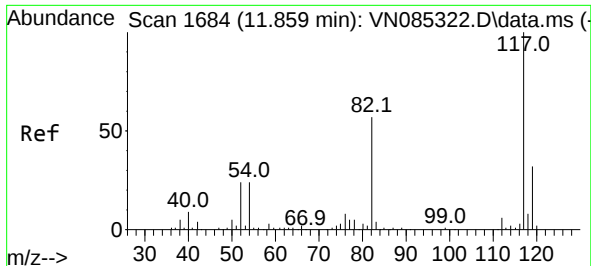
Tgt Ion: 43 Resp: 1467
Ion Ratio Lower Upper
43 100
58 165.5 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 46.636 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085349.D
Acq: 30 Dec 2024 16:50

Tgt Ion: 95 Resp: 89003
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.2
176 69.3 0.0 135.8

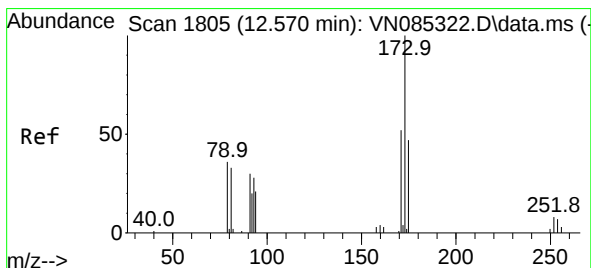
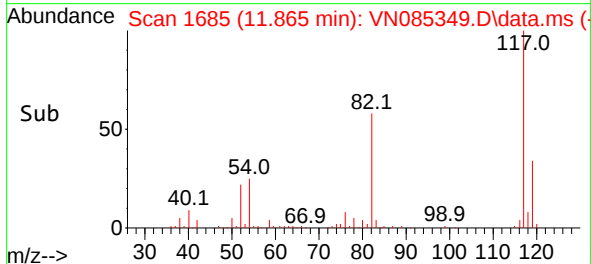
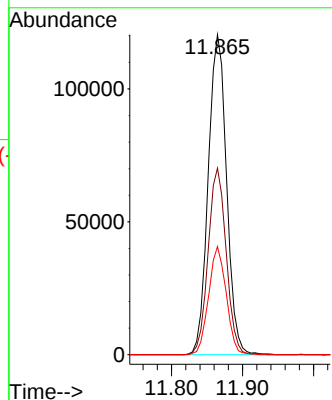
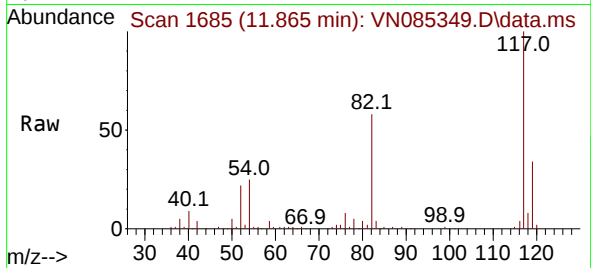




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085349.D
Acq: 30 Dec 2024 16:50

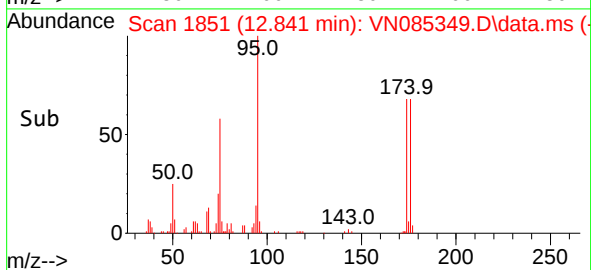
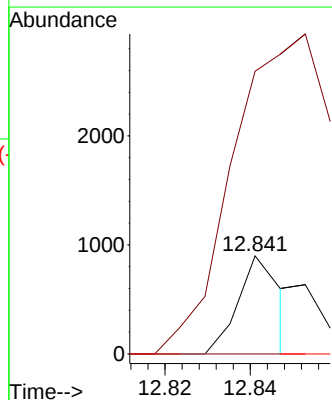
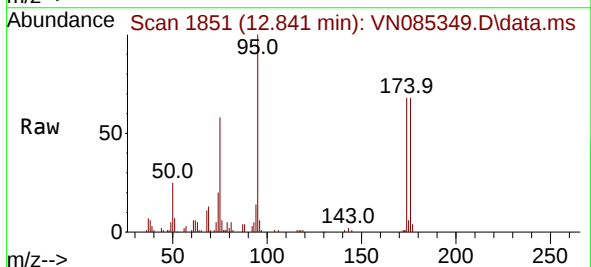
Instrument :
MSVOA_N
ClientSampleId :

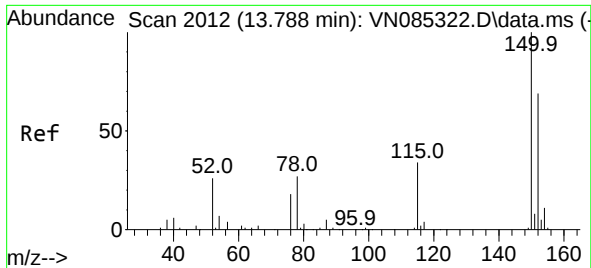
Tgt Ion:117 Resp: 216231
Ion Ratio Lower Upper
117 100
82 58.3 45.7 68.5
119 33.8 25.8 38.8



#71
Bromoform
Concen: 0.576 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.271 min
Lab File: VN085349.D
Acq: 30 Dec 2024 16:50

Tgt Ion:173 Resp: 626
Ion Ratio Lower Upper
173 100
175 0.0 24.4 73.4#
254 0.0 0.0 0.0

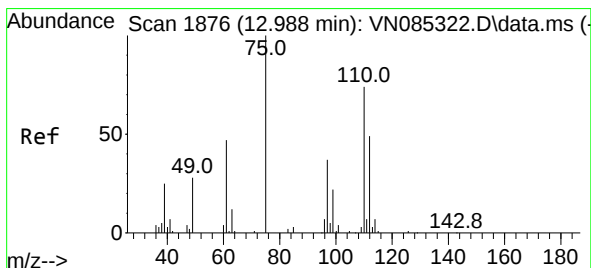
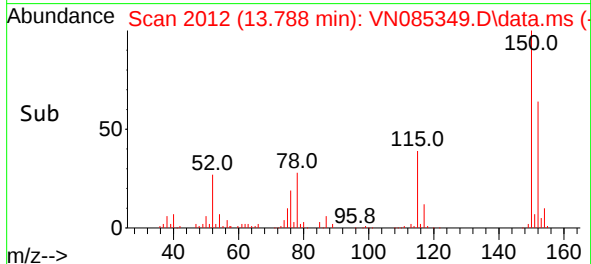
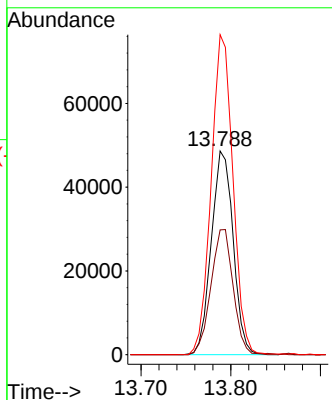
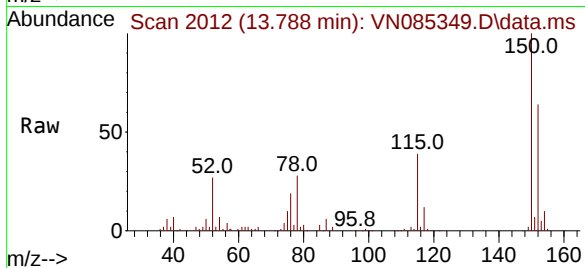




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN085349.D
 Acq: 30 Dec 2024 16:50

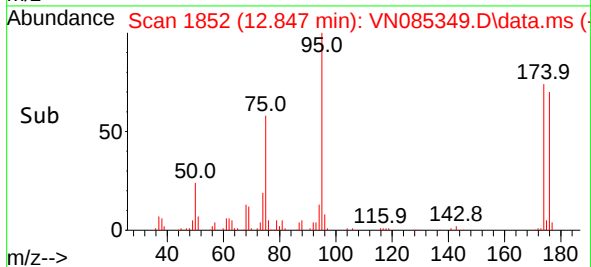
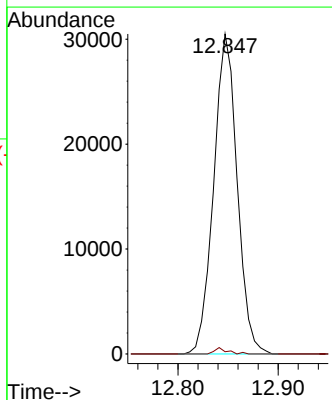
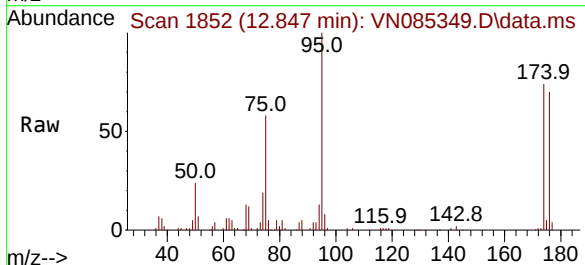
Instrument :
 MSVOA_N
 ClientSampleId :

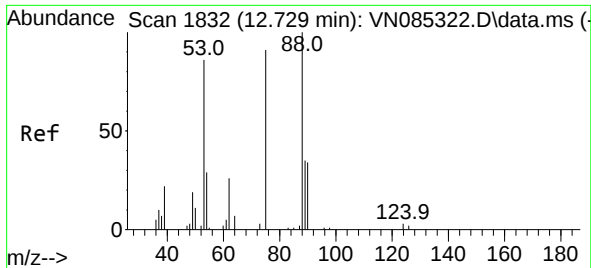
Tgt Ion:152 Resp: 82485
 Ion Ratio Lower Upper
 152 100
 115 62.2 30.4 91.3
 150 156.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 32.200 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085349.D
 Acq: 30 Dec 2024 16:50

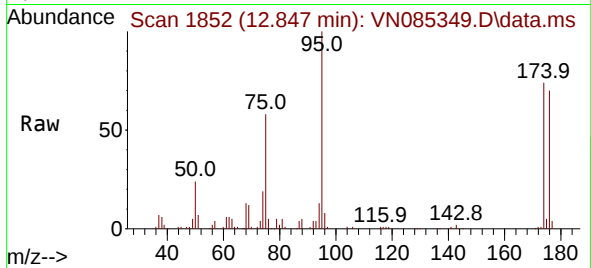
Tgt Ion: 75 Resp: 49598
 Ion Ratio Lower Upper
 75 100
 77 1.1 98.1 294.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.114 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN085349.D
 Acq: 30 Dec 2024 16:50

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 49598
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.0 120.0#
 89 0.0 35.8 53.8#

