

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085346.D
 Acq On : 30 Dec 2024 15:38
 Operator : JC\MD
 Sample : P5369-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 02:15:08 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)

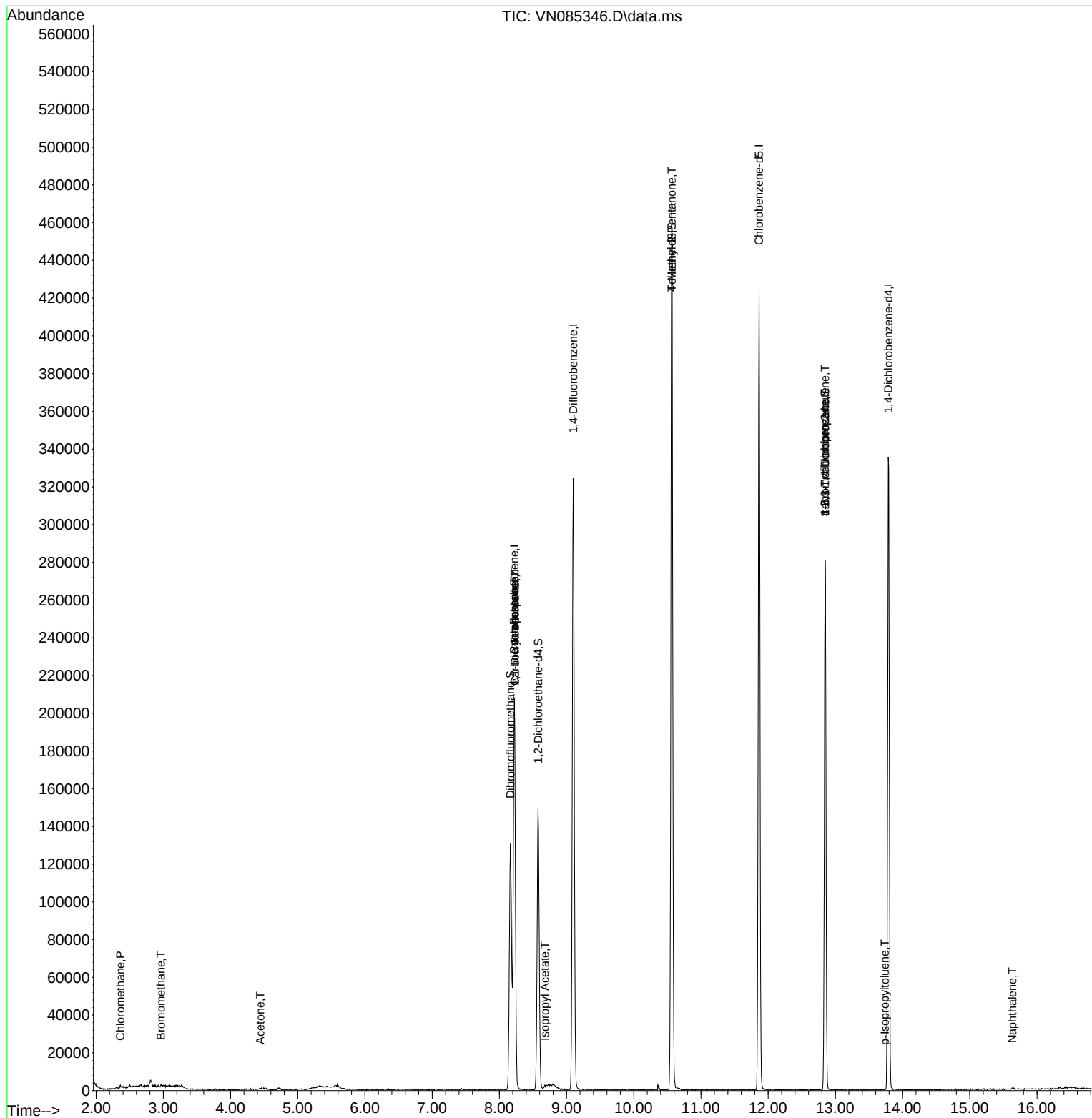
Internal Standards						
1) Pentafluorobenzene	8.224	168	139007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118040	59.537	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.080%	
35) Dibromofluoromethane	8.165	113	91264	55.263	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.520%	
50) Toluene-d8	10.565	98	318294	52.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	12.847	95	94061	46.736	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1000	0.473	ug/l #	77
5) Bromomethane	2.965	94	472	0.323	ug/l #	67
16) Acetone	4.442	43	839	1.287	ug/l #	44
31) Cyclohexane	8.224	56	3948	1.347	ug/l #	38
36) 1,1-Dichloropropene	8.230	75	12895	5.333	ug/l #	51
38) Carbon Tetrachloride	8.230	117	16027	6.081	ug/l #	15
43) Isopropyl Acetate	8.677	43	1099	0.278	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	1738	0.782	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	52575	32.698	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	52575	78.306	ug/l #	10
86) p-Isopropyltoluene	13.735	119	56	0.203	ug/l #	51
95) Naphthalene	15.635	128	1063	0.237	ug/l #	69

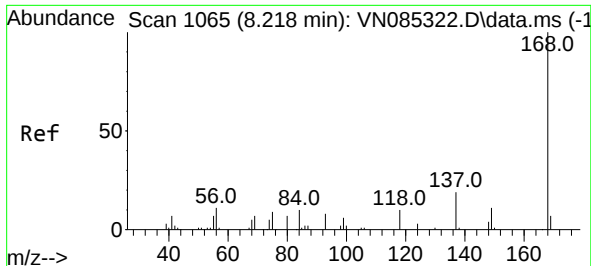
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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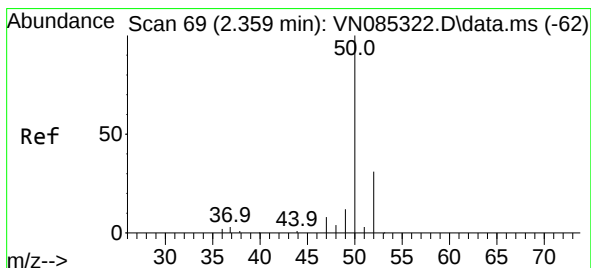
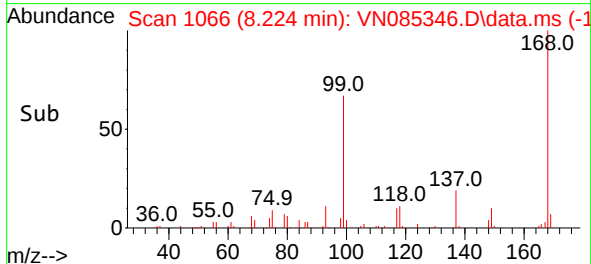
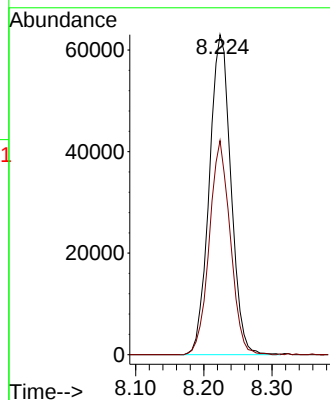
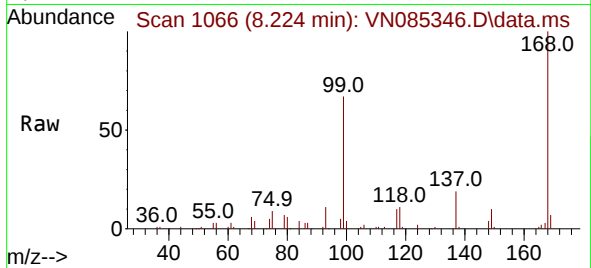




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

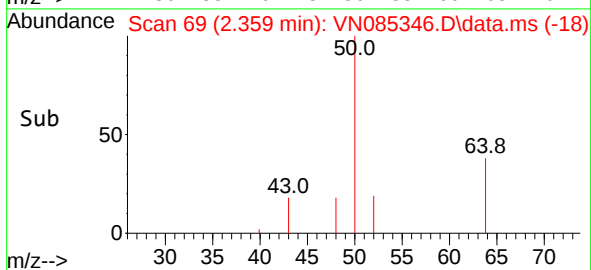
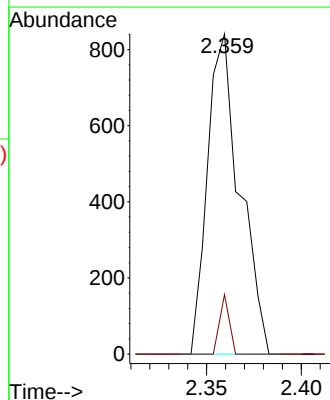
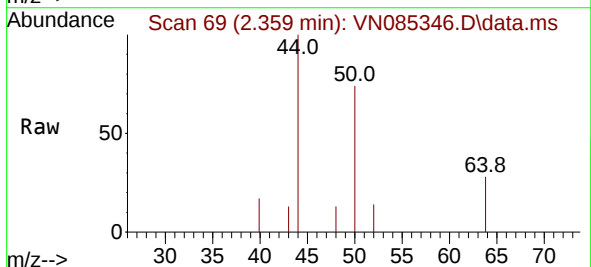
Instrument :
MSVOA_N
ClientSampleId :

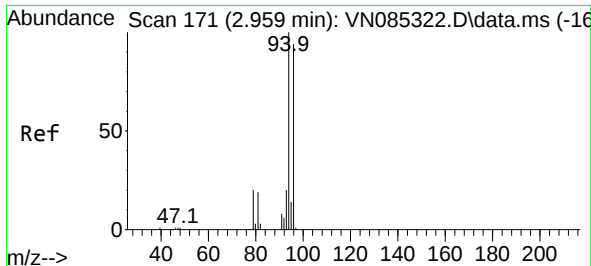
Tgt Ion:168 Resp: 139007
Ion Ratio Lower Upper
168 100
99 66.9 51.0 76.4



#3
Chloromethane
Concen: 0.473 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

Tgt Ion: 50 Resp: 1000
Ion Ratio Lower Upper
50 100
52 18.5 25.1 37.7#

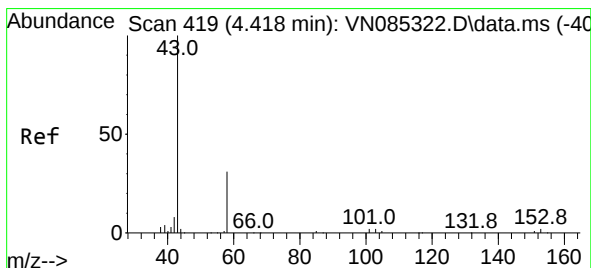
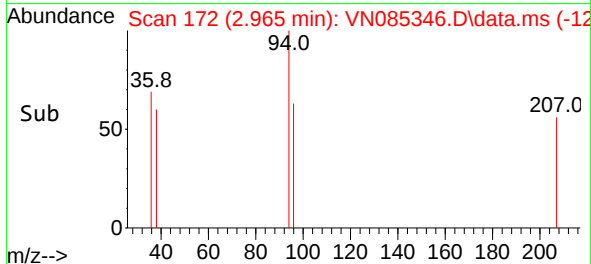
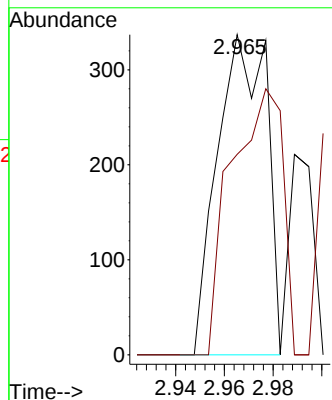
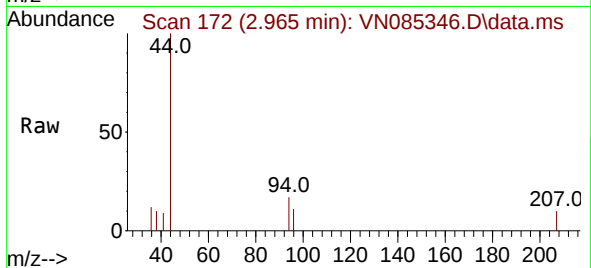




#5
Bromomethane
Concen: 0.323 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

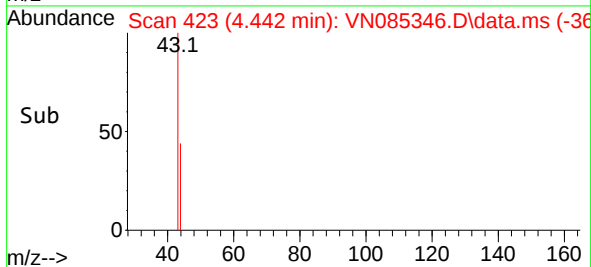
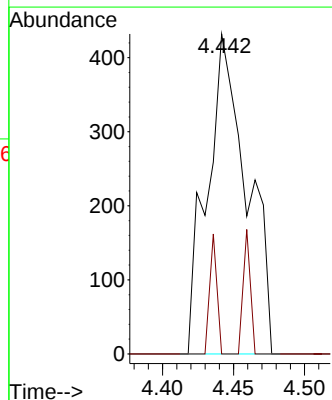
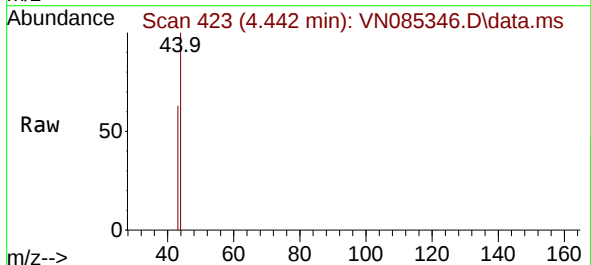
Instrument :
MSVOA_N
ClientSampleId :

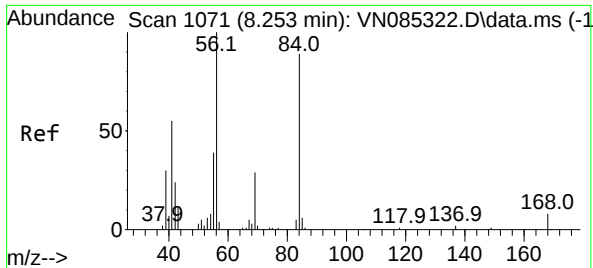
Tgt Ion: 94 Resp: 472
Ion Ratio Lower Upper
94 100
96 62.6 75.2 112.8#



#16
Acetone
Concen: 1.287 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.024 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

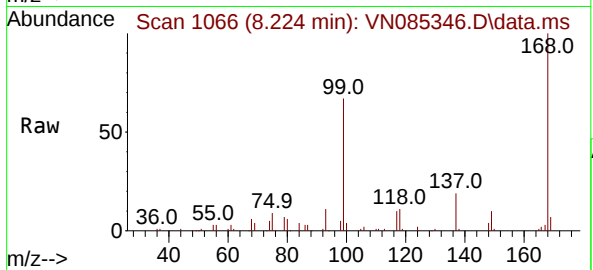
Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



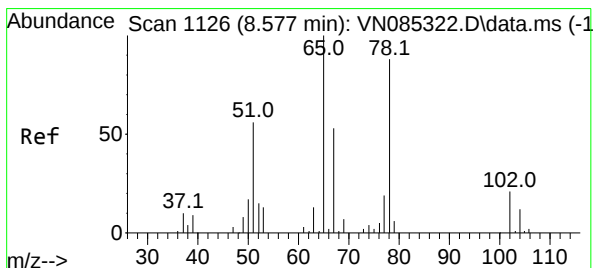
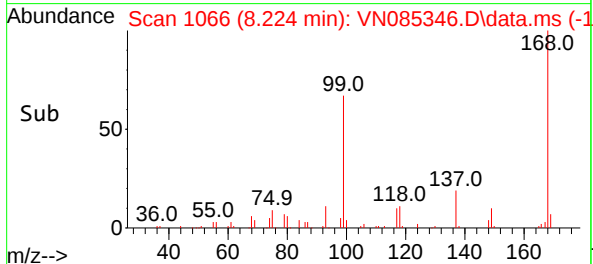
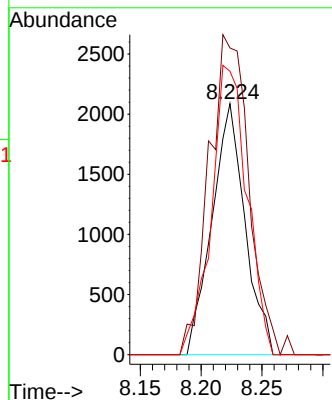


#31
Cyclohexane
Concen: 1.347 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

Instrument :
MSVOA_N
ClientSampleId :

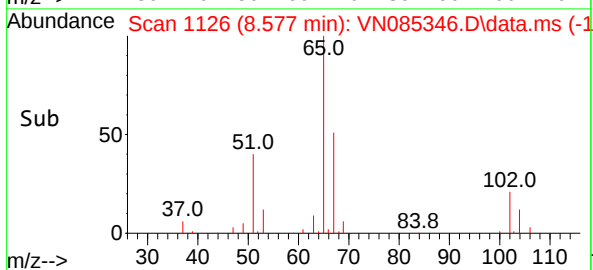
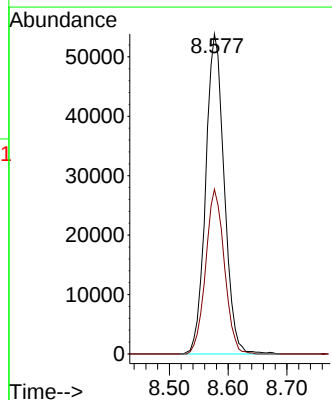
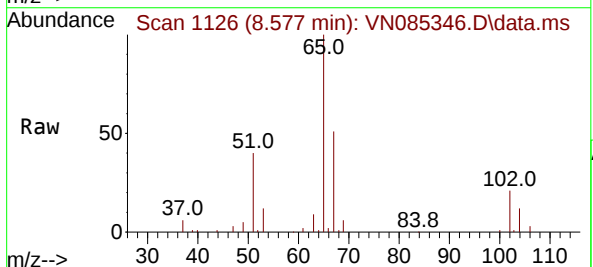


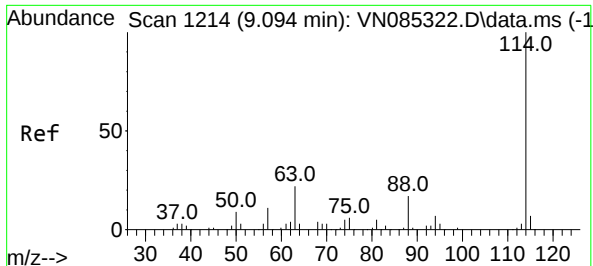
Tgt Ion: 56 Resp: 3948
Ion Ratio Lower Upper
56 100
69 122.2 23.4 35.0#
84 112.9 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 59.537 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

Tgt Ion: 65 Resp: 118040
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# 11

Delta R.T. 0.006 min

Lab File: VN085346.D

Acq: 30 Dec 2024 15:38

Instrument :

MSVOA_N

ClientSampleId :

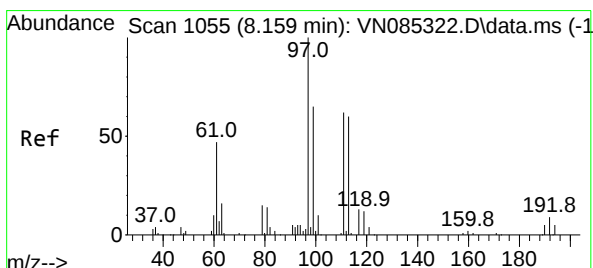
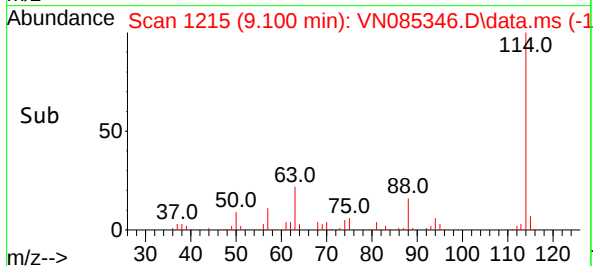
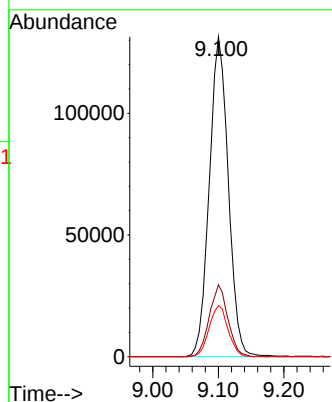
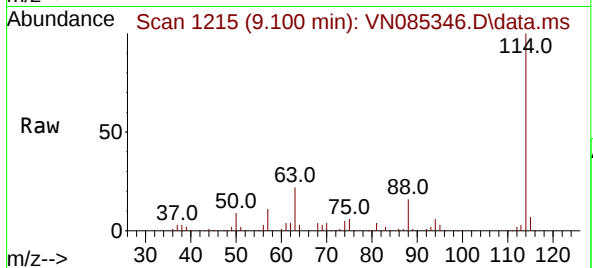
Tgt Ion:114 Resp: 264717

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.4

88 16.0 0.0 33.6



#35

Dibromofluoromethane

Concen: 55.263 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085346.D

Acq: 30 Dec 2024 15:38

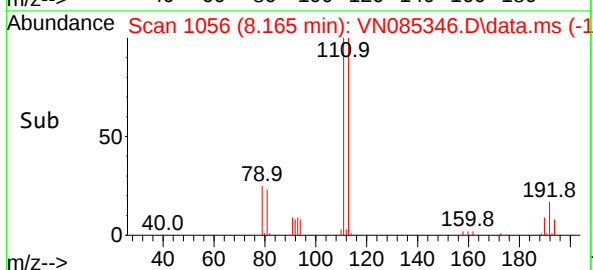
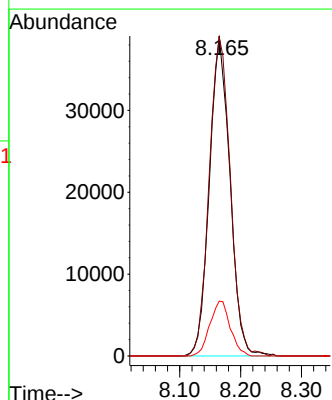
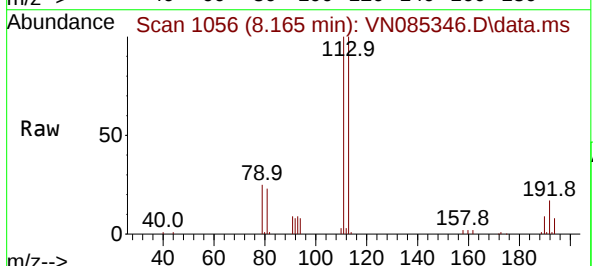
Tgt Ion:113 Resp: 91264

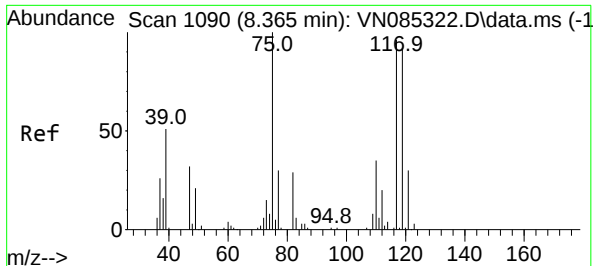
Ion Ratio Lower Upper

113 100

111 102.9 80.5 120.7

192 17.1 12.9 19.3





#36

1,1-Dichloropropene

Concen: 5.333 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN085346.D

Acq: 30 Dec 2024 15:38

Instrument :

MSVOA_N

ClientSampleId :

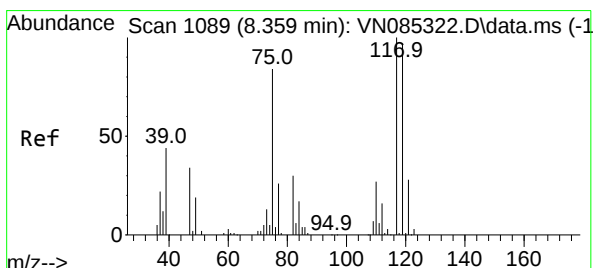
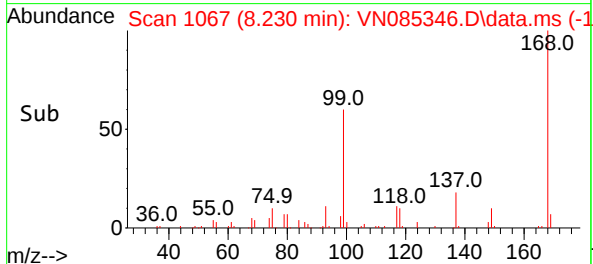
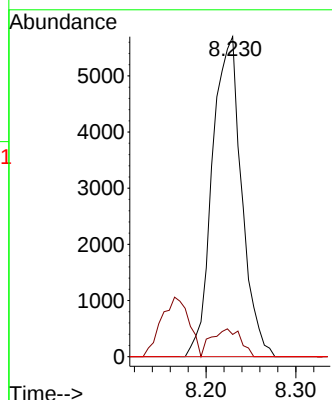
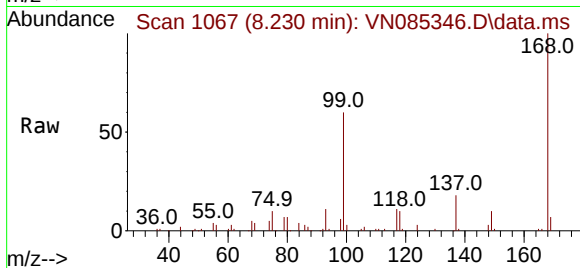
Tgt Ion: 75 Resp: 12895

Ion Ratio Lower Upper

75 100

110 8.7 16.6 49.8#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.081 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN085346.D

Acq: 30 Dec 2024 15:38

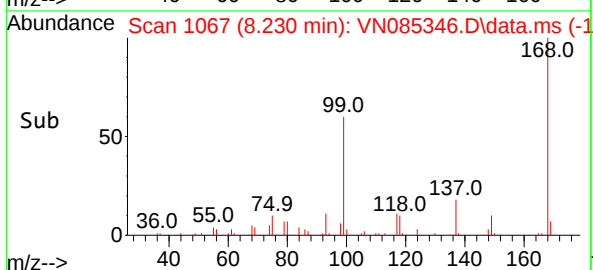
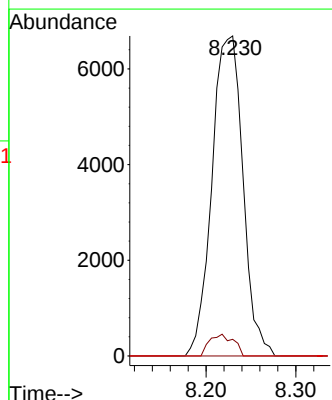
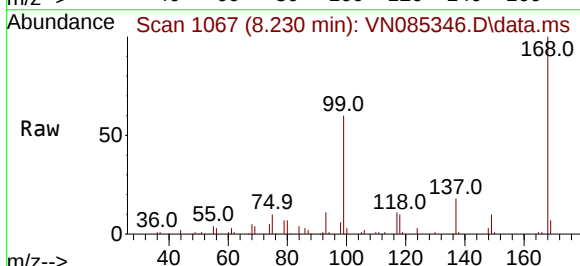
Tgt Ion: 117 Resp: 16027

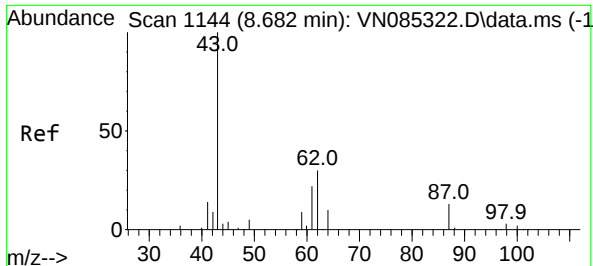
Ion Ratio Lower Upper

117 100

119 5.2 77.8 116.6#

121 0.0 22.5 33.7#





#43

Isopropyl Acetate

Concen: 0.278 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VN085346.D

Acq: 30 Dec 2024 15:38

Instrument :

MSVOA_N

ClientSampleId :

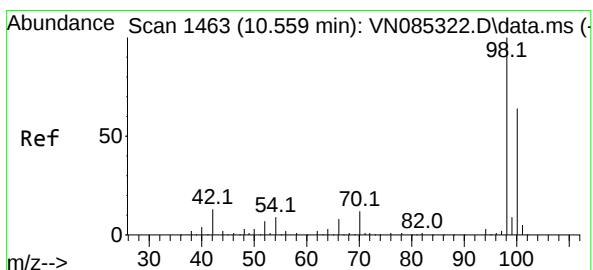
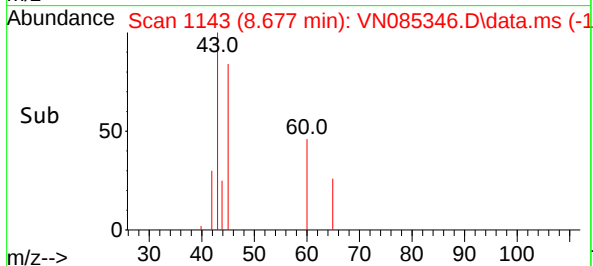
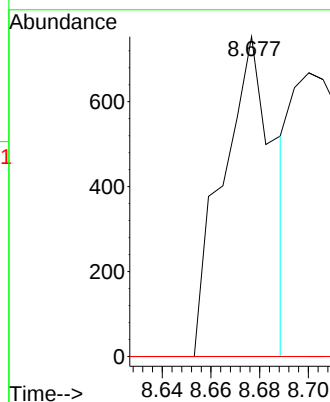
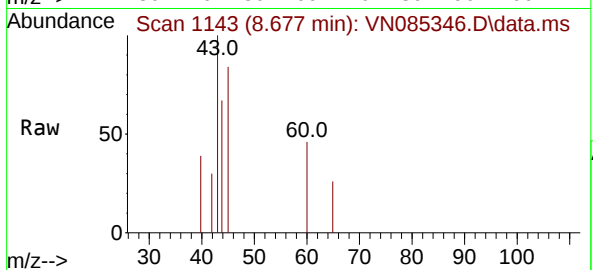
Tgt Ion: 43 Resp: 1099

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

87 0.0 10.2 15.4#



#50

Toluene-d8

Concen: 52.523 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085346.D

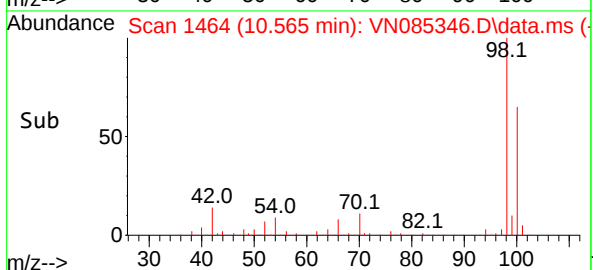
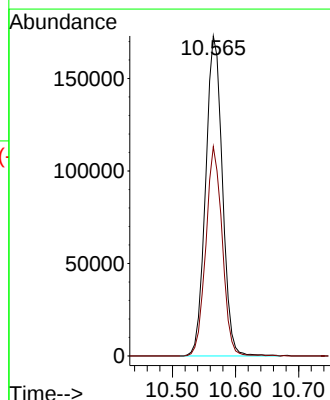
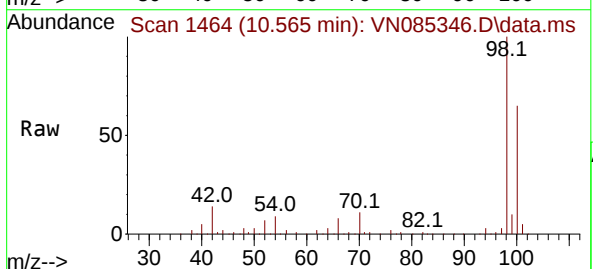
Acq: 30 Dec 2024 15:38

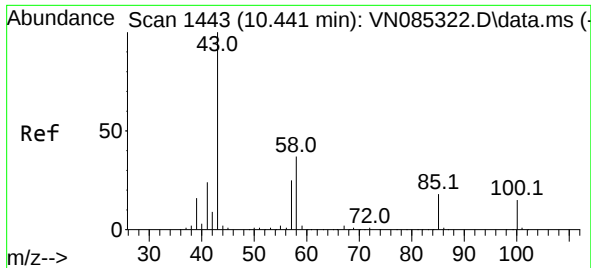
Tgt Ion: 98 Resp: 318294

Ion Ratio Lower Upper

98 100

100 63.9 51.5 77.3

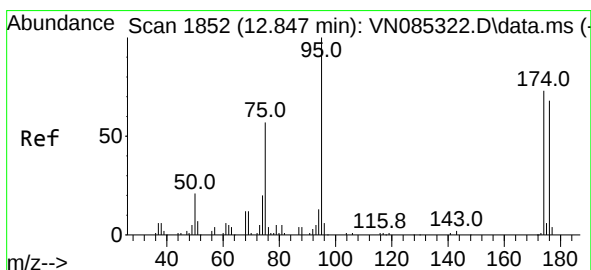
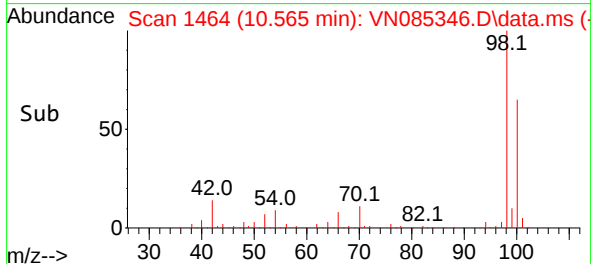
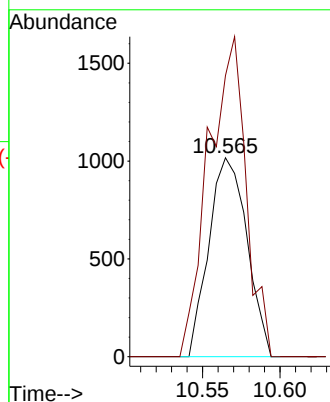
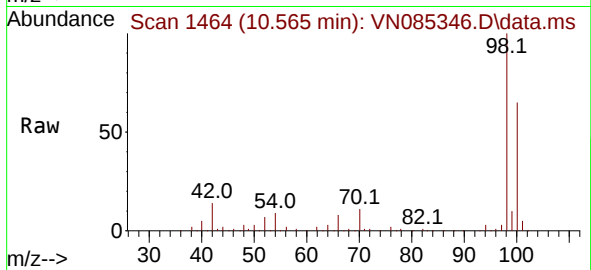




#51
4-Methyl-2-Pentanone
Concen: 0.782 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.124 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

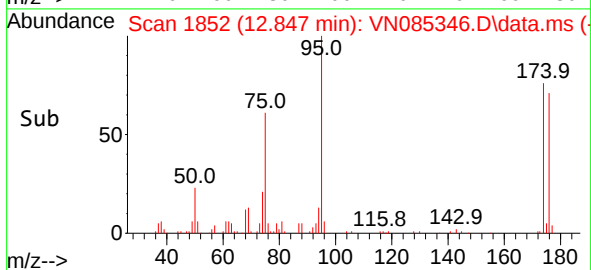
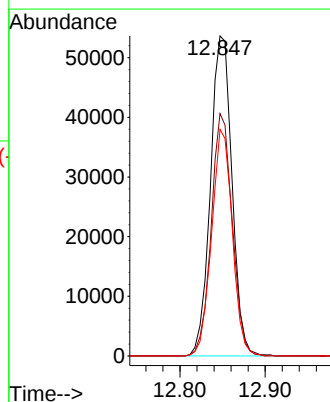
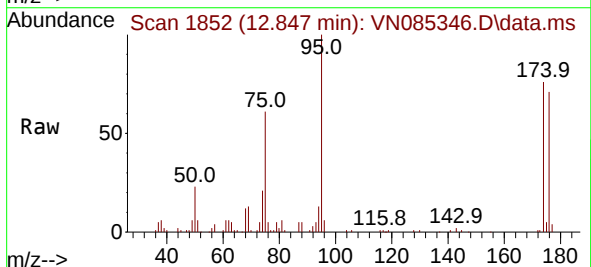
Instrument :
MSVOA_N
ClientSampleId :

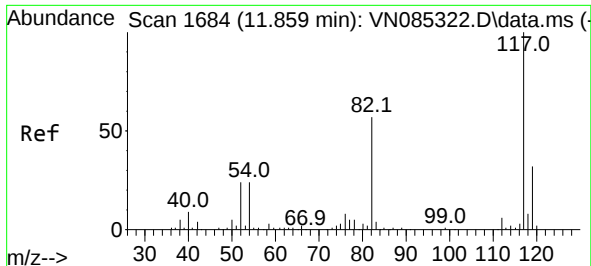
Tgt Ion: 43 Resp: 1738
Ion Ratio Lower Upper
43 100
58 158.0 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 46.736 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

Tgt Ion: 95 Resp: 94061
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.2
176 68.0 0.0 135.8

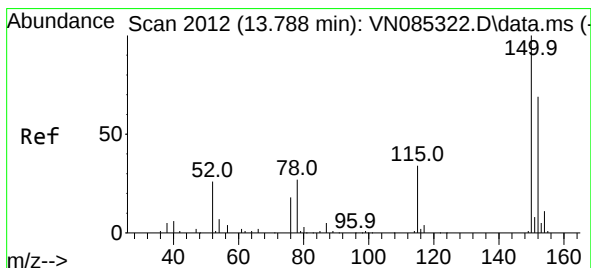
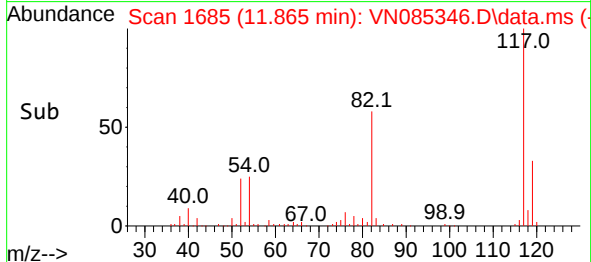
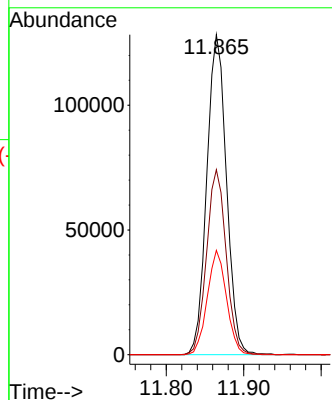
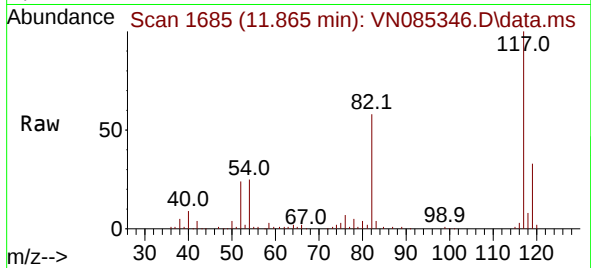




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

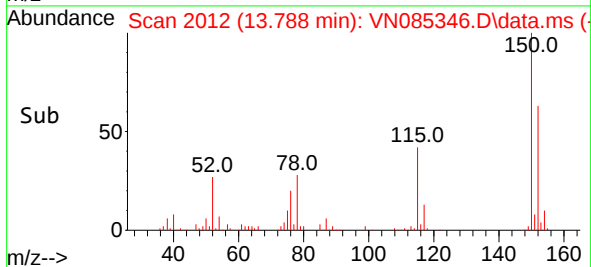
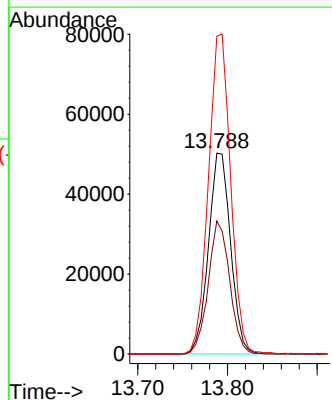
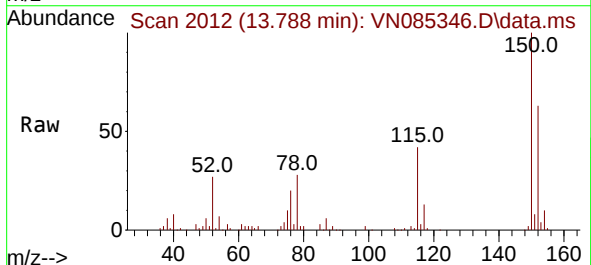
Instrument :
MSVOA_N
ClientSampleId :

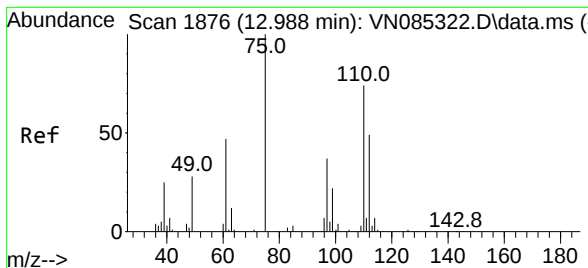
Tgt Ion:117 Resp: 226400
Ion Ratio Lower Upper
117 100
82 57.8 45.7 68.5
119 32.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

Tgt Ion:152 Resp: 86105
Ion Ratio Lower Upper
152 100
115 64.0 30.4 91.3
150 159.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 32.698 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085346.D

Acq: 30 Dec 2024 15:38

Instrument :

MSVOA_N

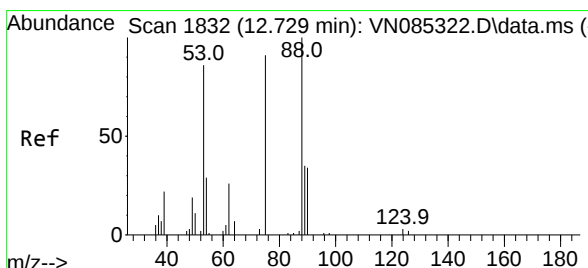
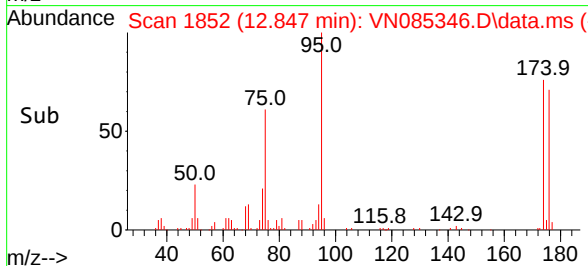
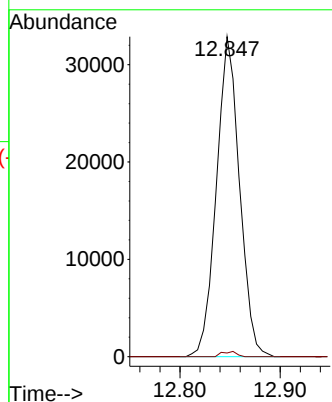
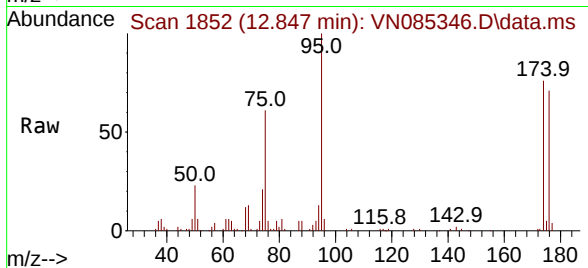
ClientSampleId :

Tgt Ion: 75 Resp: 52575

Ion Ratio Lower Upper

75 100

77 1.0 98.1 294.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.306 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.118 min

Lab File: VN085346.D

Acq: 30 Dec 2024 15:38

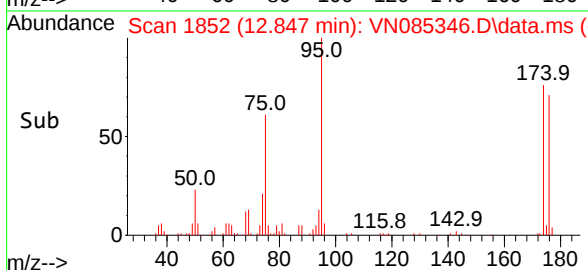
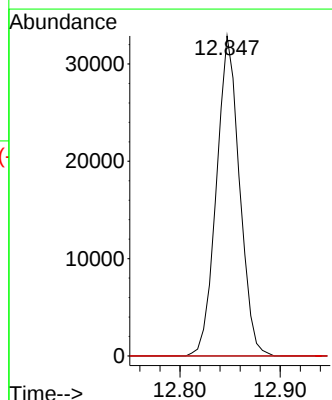
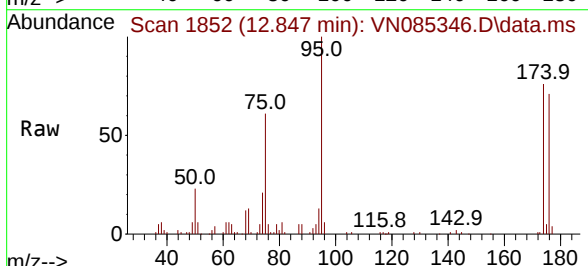
Tgt Ion: 75 Resp: 52575

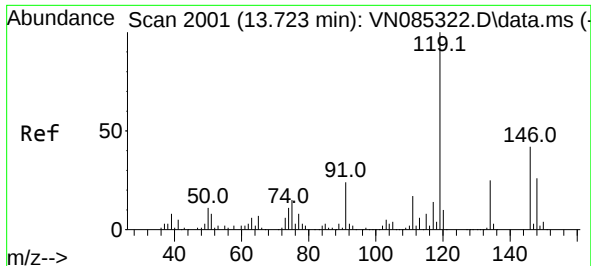
Ion Ratio Lower Upper

75 100

53 0.0 80.0 120.0#

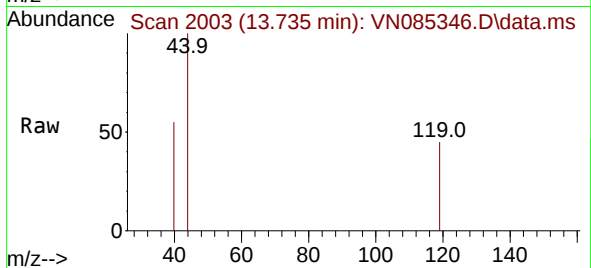
89 0.0 35.8 53.8#



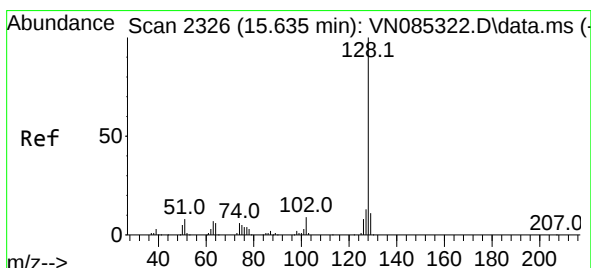
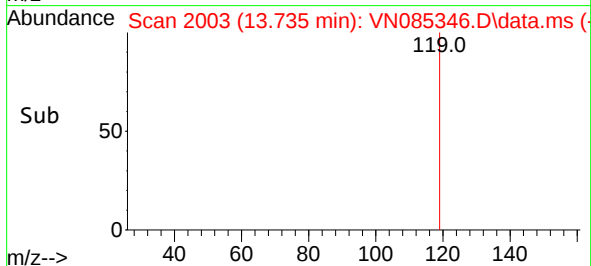
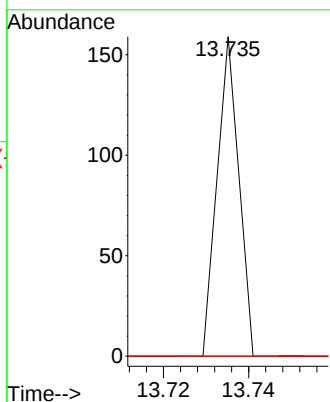


#86
p-Isopropyltoluene
Concen: 0.203 ug/l
RT: 13.735 min Scan# 2001
Delta R.T. 0.012 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:119 Resp: 56
Ion Ratio Lower Upper
119 100
134 0.0 12.5 37.5#
91 0.0 12.2 36.4#



#95
Naphthalene
Concen: 0.237 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085346.D
Acq: 30 Dec 2024 15:38

Tgt Ion:128 Resp: 1063
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.5 12.7#

