

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085356.D
 Acq On : 30 Dec 2024 19:39
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 02:19:46 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)

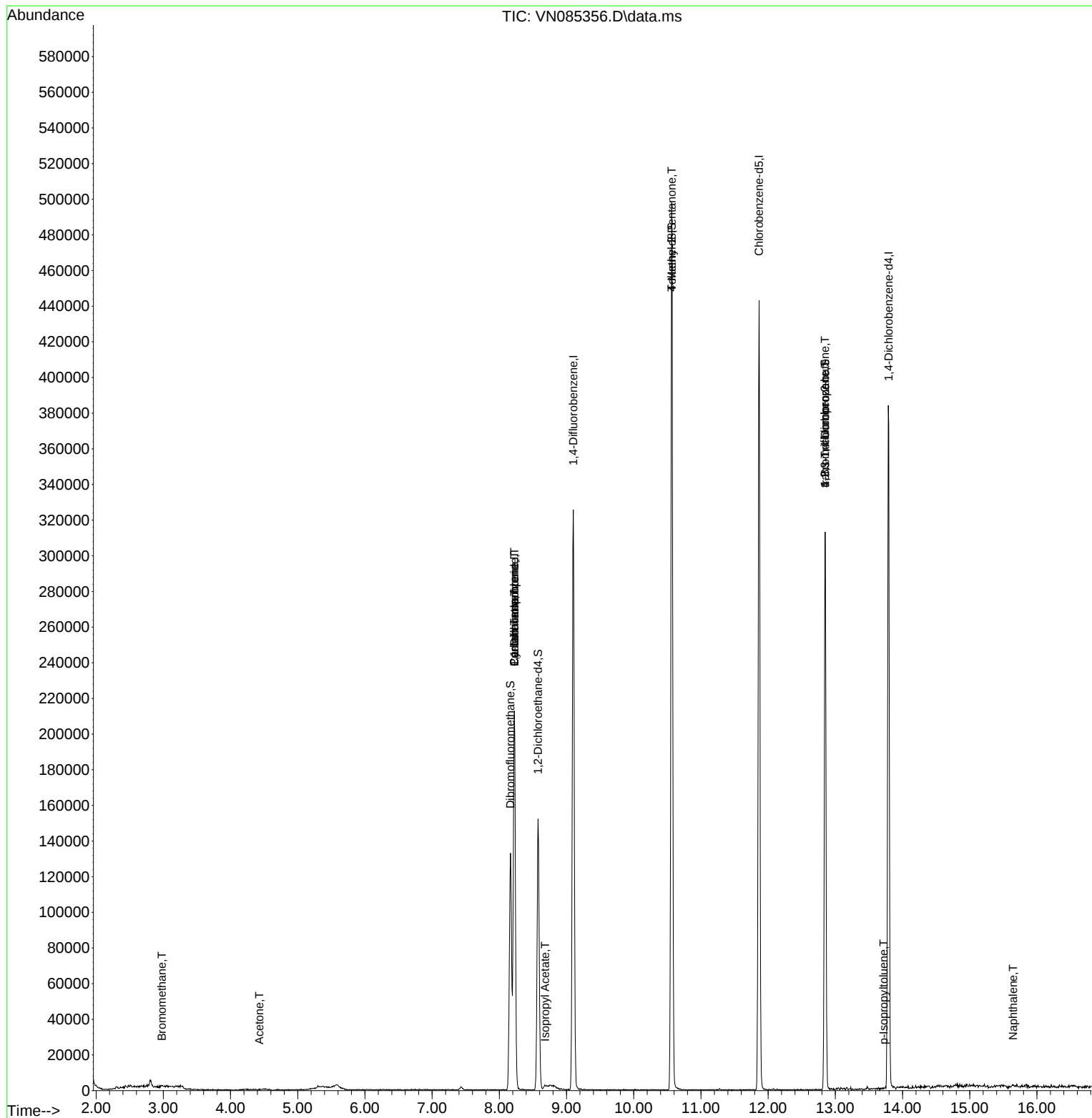
Internal Standards						
1) Pentafluorobenzene	8.224	168	144292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121594	59.083	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.160%			
35) Dibromofluoromethane	8.165	113	93462	55.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.160%			
50) Toluene-d8	10.565	98	333399	54.031	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.060%			
62) 4-Bromofluorobenzene	12.847	95	103672	50.589	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.180%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	393	0.259	ug/l #	66
16) Acetone	4.430	43	152	0.225	ug/l #	44
31) Cyclohexane	8.224	56	4032	1.325	ug/l #	8
36) 1,1-Dichloropropene	8.224	75	13826	5.616	ug/l #	51
38) Carbon Tetrachloride	8.224	117	16676	6.214	ug/l #	18
43) Isopropyl Acetate	8.683	43	1495	0.371	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	1719	0.759	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	58359	31.657	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58359	75.813	ug/l #	10
86) p-Isopropyltoluene	13.718	119	127	0.214	ug/l #	1
95) Naphthalene	15.647	128	1325	0.258	ug/l #	87

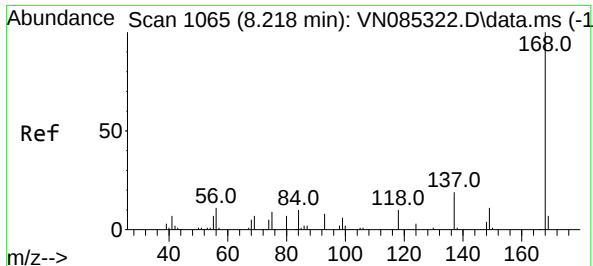
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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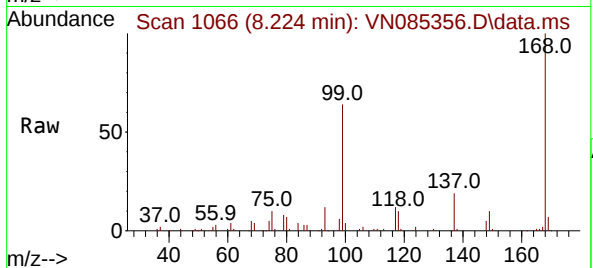
Quant Time: Dec 31 02:19:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
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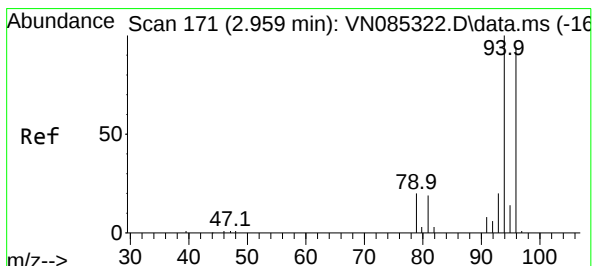
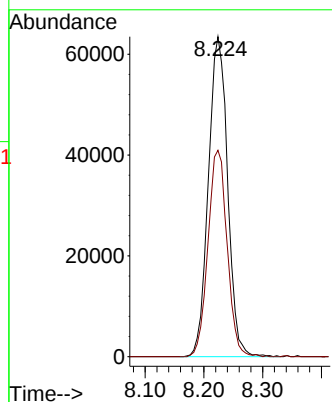
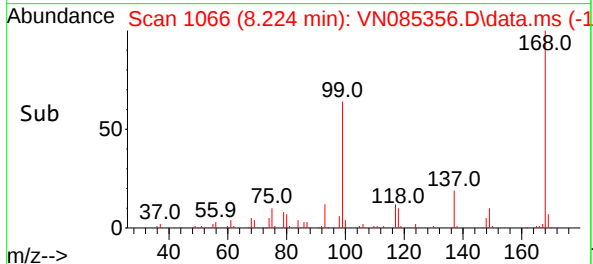


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :

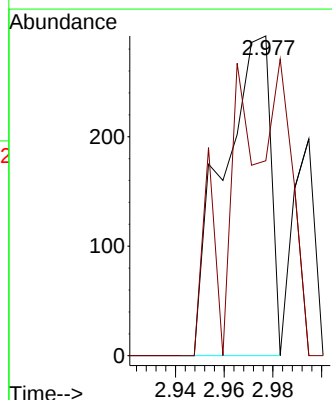
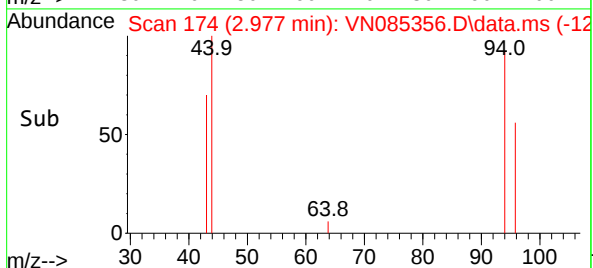
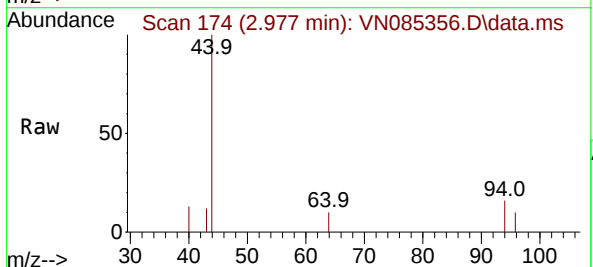


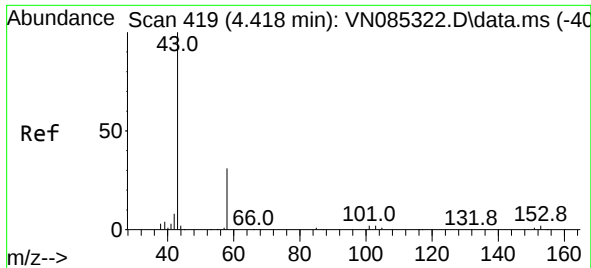
Tgt Ion:168 Resp: 144292
Ion Ratio Lower Upper
168 100
99 64.5 51.0 76.4



#5
Bromomethane
Concen: 0.259 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.018 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

Tgt Ion: 94 Resp: 393
Ion Ratio Lower Upper
94 100
96 61.0 75.2 112.8#

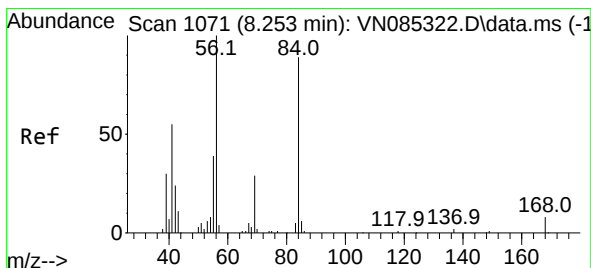
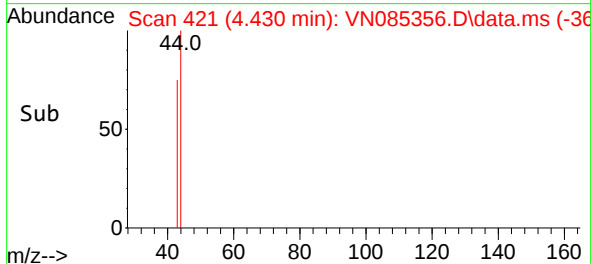
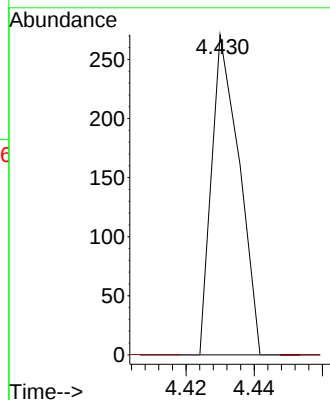
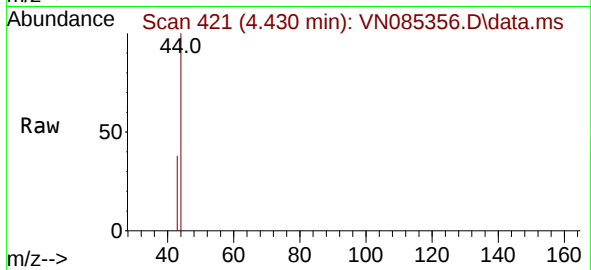




#16
Acetone
Concen: 0.225 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

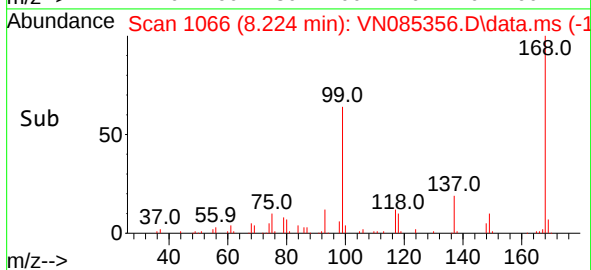
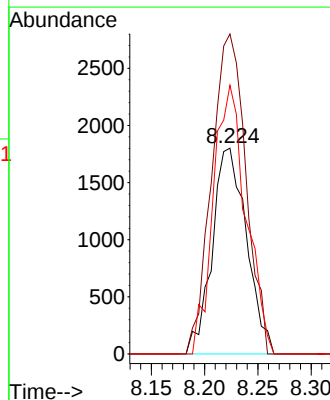
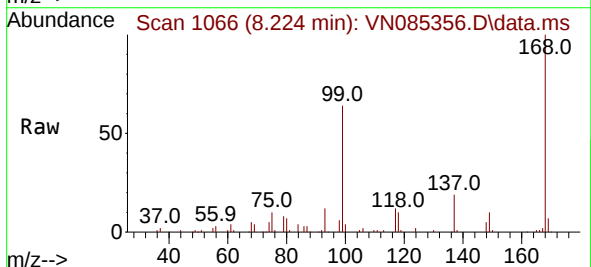
Instrument :
MSVOA_N
ClientSampleId :

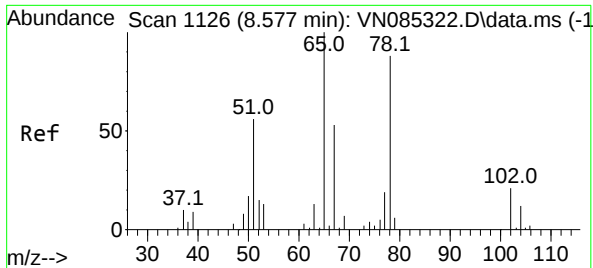
Tgt Ion: 43 Resp: 152
Ion Ratio Lower Upper
43 100
58 0.0 24.5 36.7#



#31
Cyclohexane
Concen: 1.325 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

Tgt Ion: 56 Resp: 4032
Ion Ratio Lower Upper
56 100
69 155.5 23.4 35.0#
84 130.6 71.0 106.6#

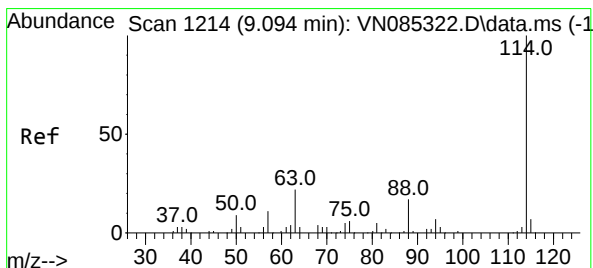
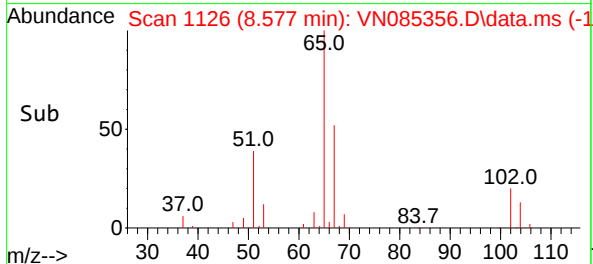
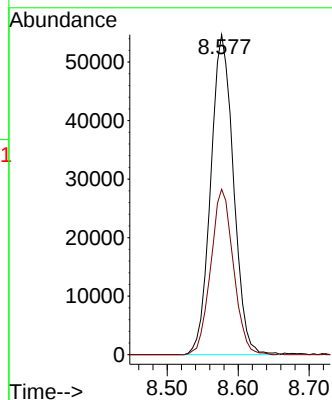
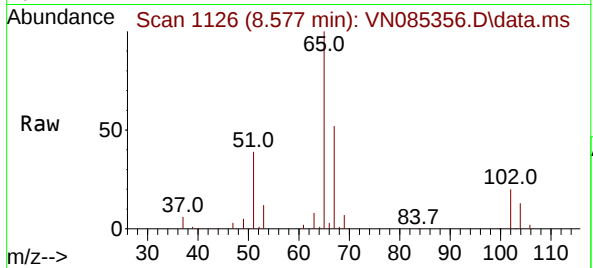




#33
 1,2-Dichloroethane-d4
 Concen: 59.083 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN085356.D
 Acq: 30 Dec 2024 19:39

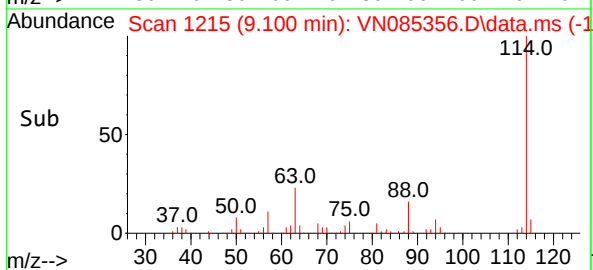
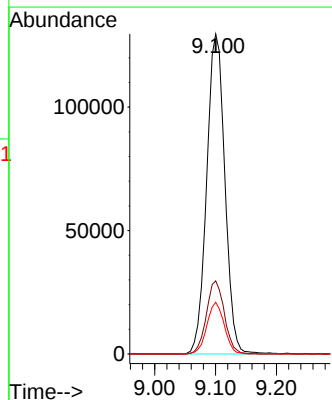
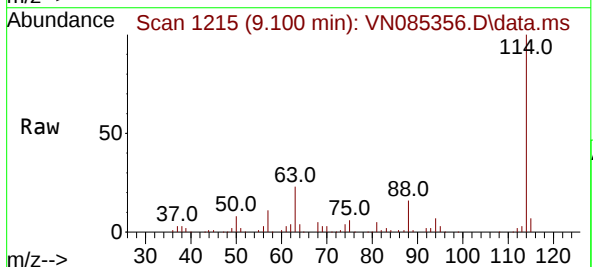
Instrument :
 MSVOA_N
 ClientSampleId :

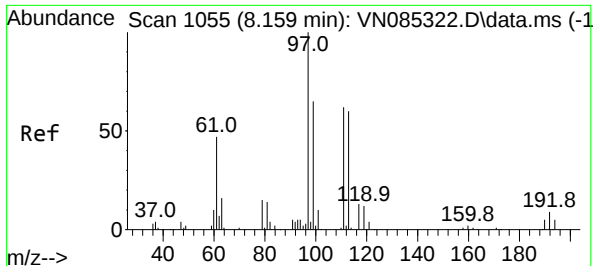
Tgt Ion: 65 Resp: 121594
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085356.D
 Acq: 30 Dec 2024 19:39

Tgt Ion: 114 Resp: 269542
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 43.4
 88 16.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 55.581 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085356.D

Acq: 30 Dec 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

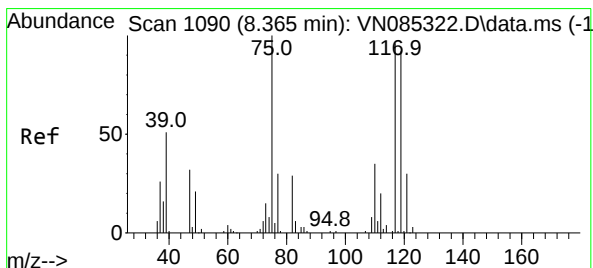
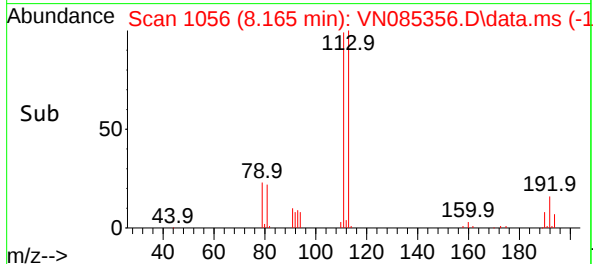
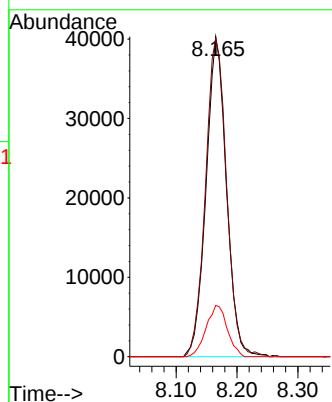
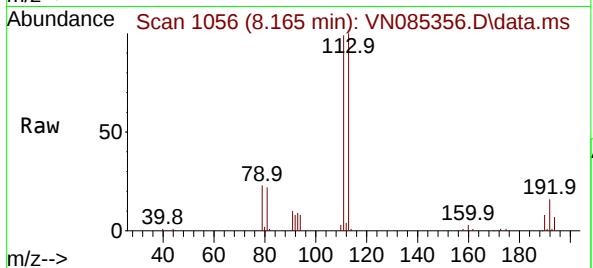
Tgt Ion:113 Resp: 93462

Ion Ratio Lower Upper

113 100

111 103.2 80.5 120.7

192 16.6 12.9 19.3



#36

1,1-Dichloropropene

Concen: 5.616 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085356.D

Acq: 30 Dec 2024 19:39

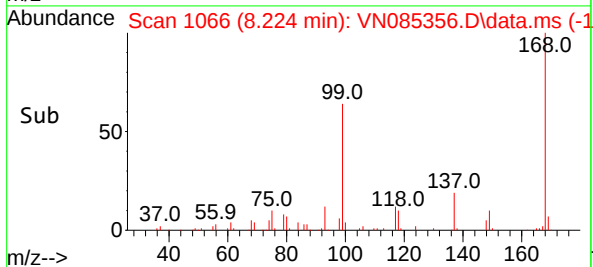
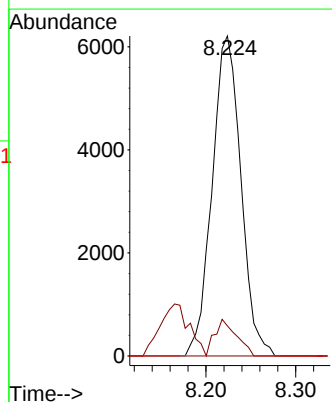
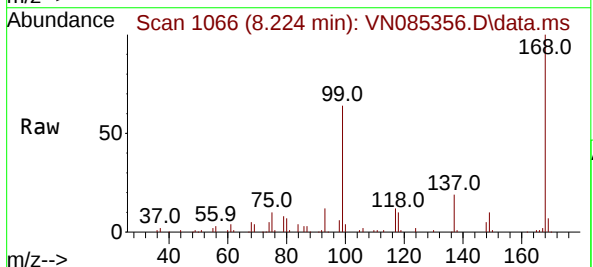
Tgt Ion: 75 Resp: 13826

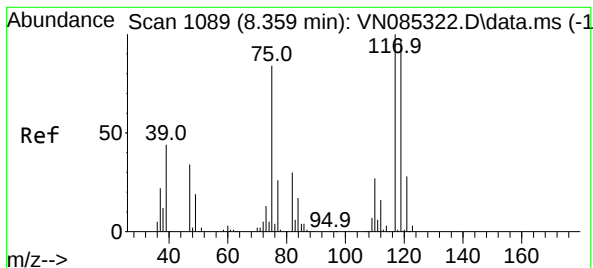
Ion Ratio Lower Upper

75 100

110 8.6 16.6 49.8#

77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.214 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

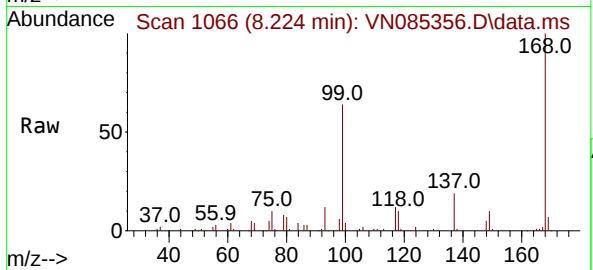
Lab File: VN085356.D

Acq: 30 Dec 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :



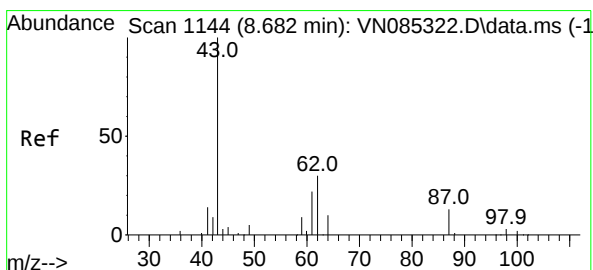
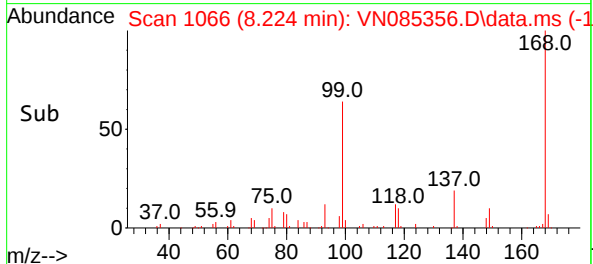
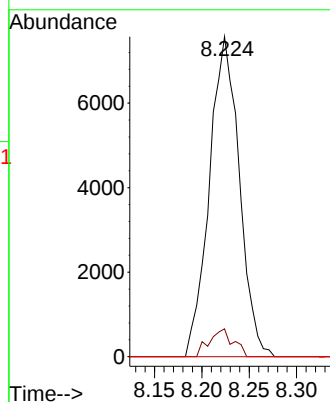
Tgt Ion:117 Resp: 16676

Ion Ratio Lower Upper

117 100

119 8.7 77.8 116.6#

121 0.0 22.5 33.7#



#43

Isopropyl Acetate

Concen: 0.371 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085356.D

Acq: 30 Dec 2024 19:39

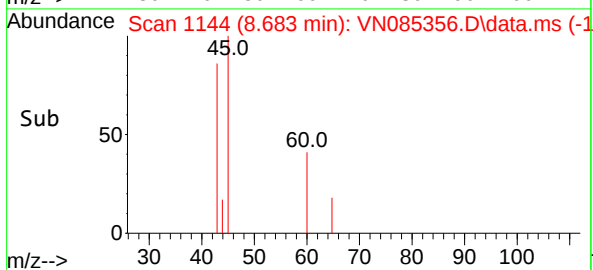
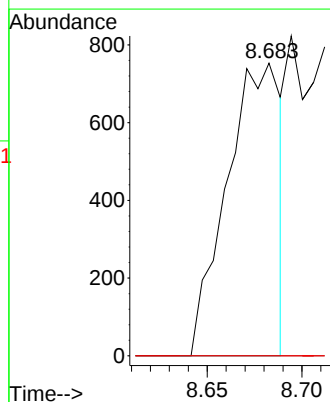
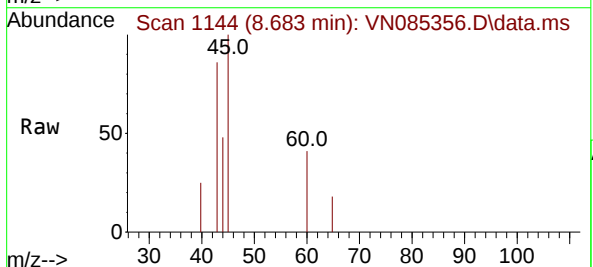
Tgt Ion: 43 Resp: 1495

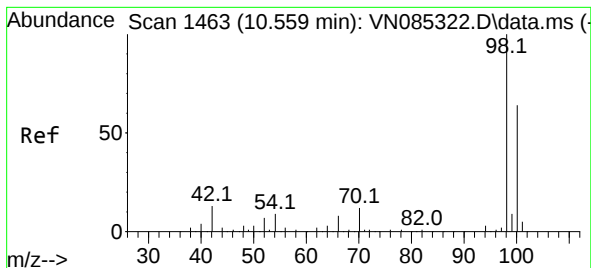
Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

87 0.0 10.2 15.4#





#50

Toluene-d8

Concen: 54.031 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085356.D

Acq: 30 Dec 2024 19:39

Instrument :

MSVOA_N

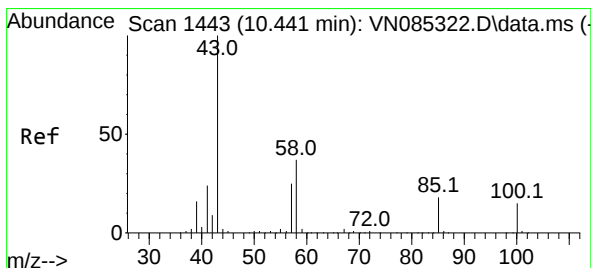
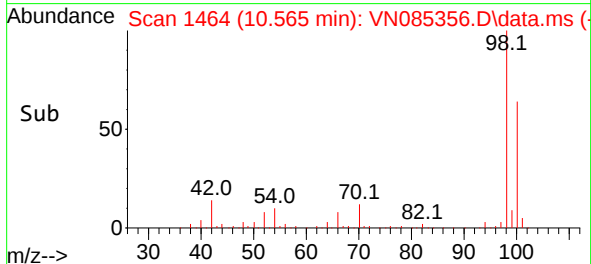
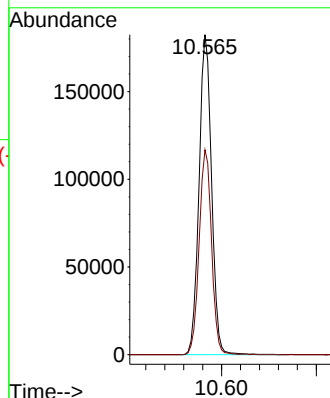
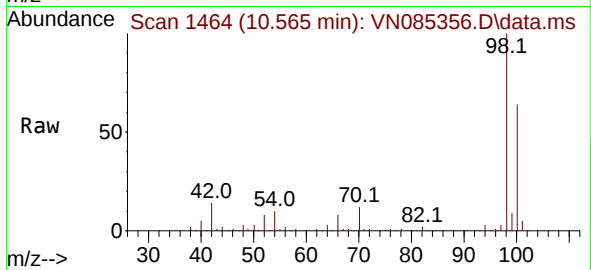
ClientSampleId :

Tgt Ion: 98 Resp: 333399

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 0.759 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.124 min

Lab File: VN085356.D

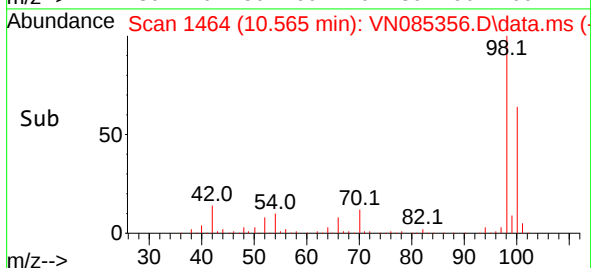
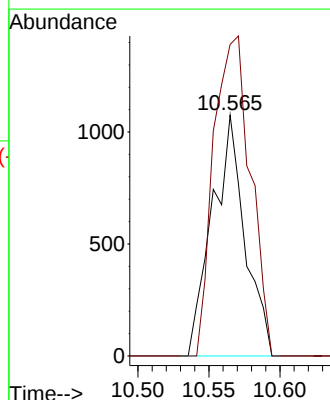
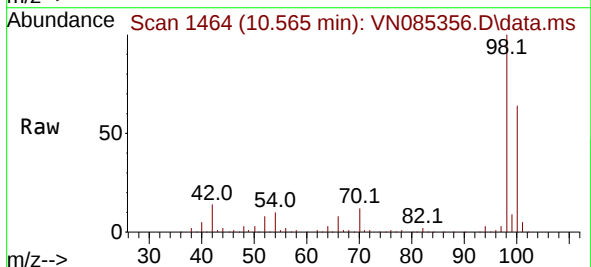
Acq: 30 Dec 2024 19:39

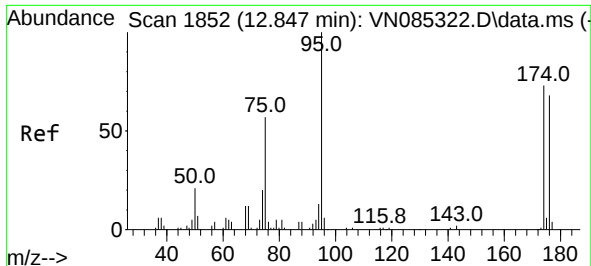
Tgt Ion: 43 Resp: 1719

Ion Ratio Lower Upper

43 100

58 149.6 30.3 45.5#

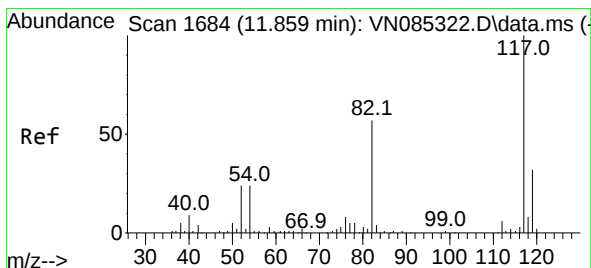
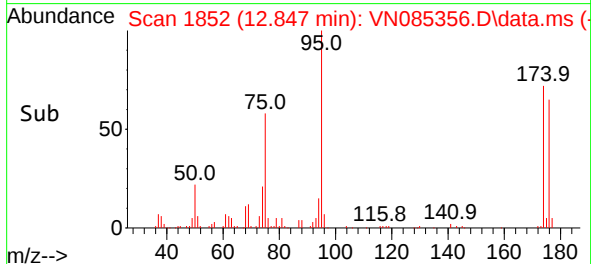
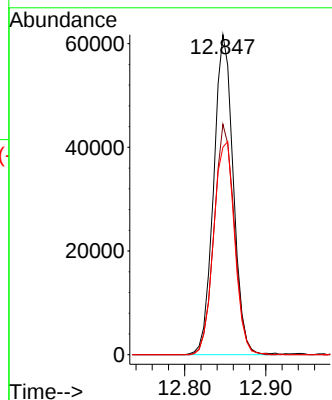
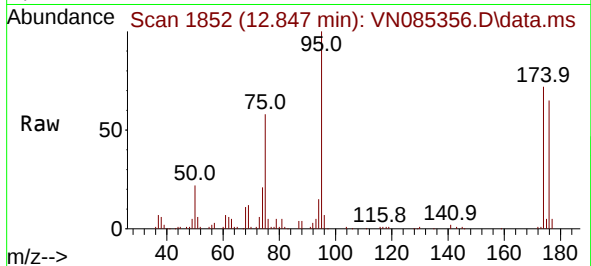




#62
4-Bromofluorobenzene
Concen: 50.589 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

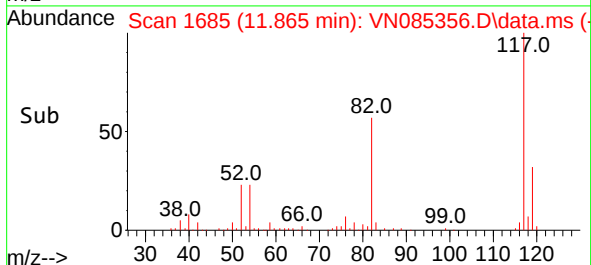
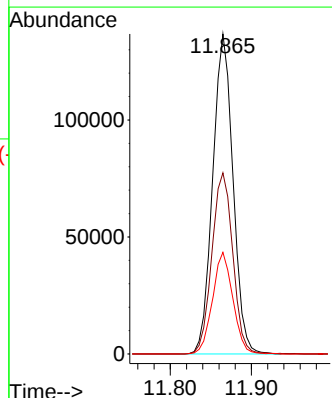
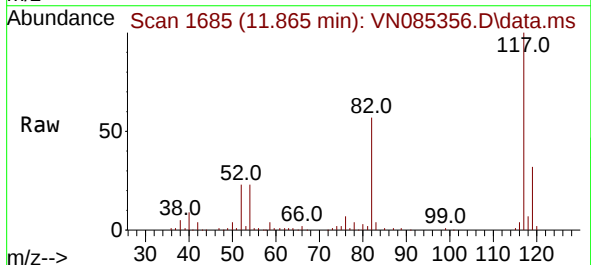
Instrument :
MSVOA_N
ClientSampleId :

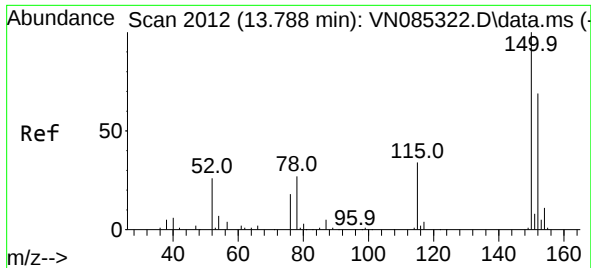
Tgt Ion: 95 Resp: 103672
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.2
176 71.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

Tgt Ion: 117 Resp: 237668
Ion Ratio Lower Upper
117 100
82 56.6 45.7 68.5
119 31.8 25.8 38.8

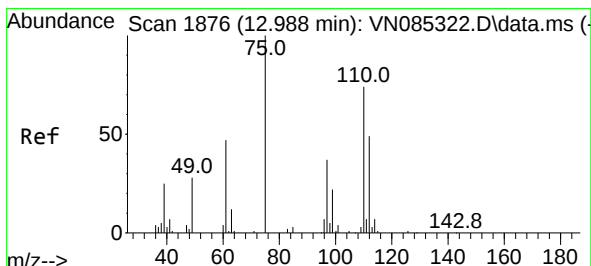
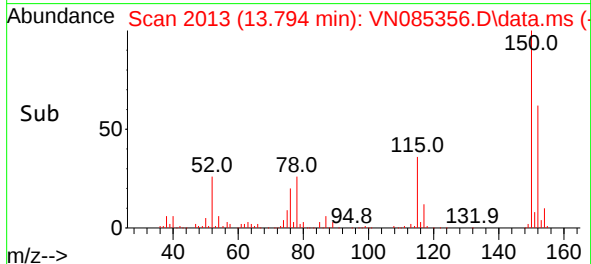
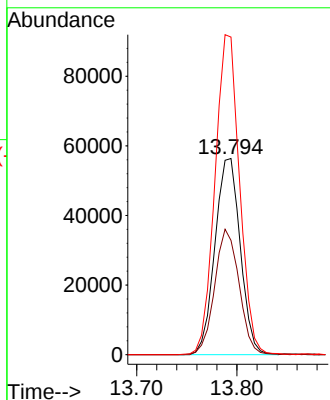
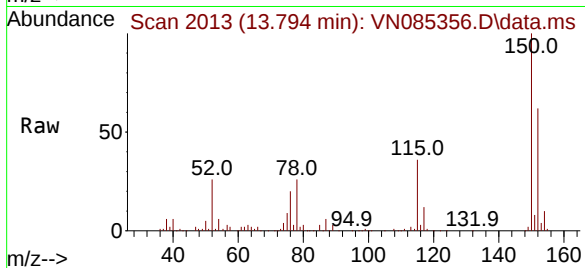




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

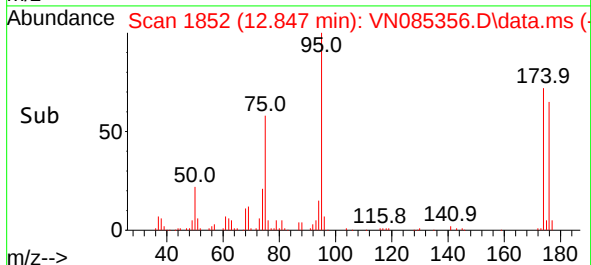
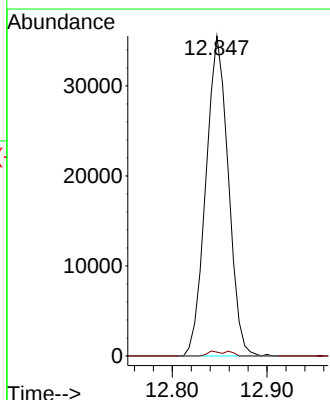
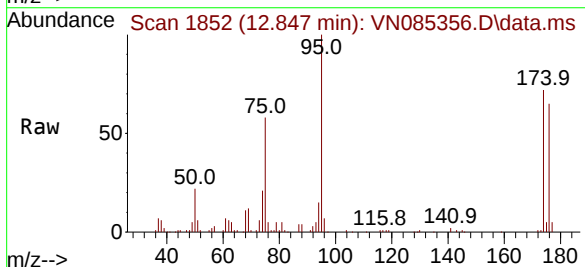
Instrument :
MSVOA_N
ClientSampleId :

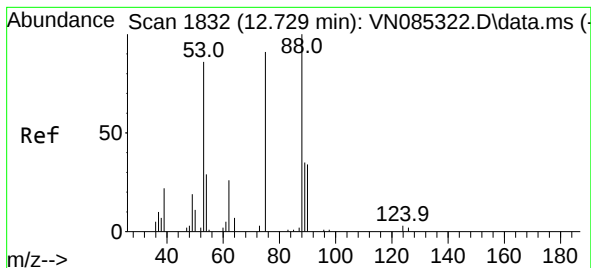
Tgt Ion:152 Resp: 98721
Ion Ratio Lower Upper
152 100
115 61.8 30.4 91.3
150 158.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 31.657 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

Tgt Ion: 75 Resp: 58359
Ion Ratio Lower Upper
75 100
77 1.4 98.1 294.3#

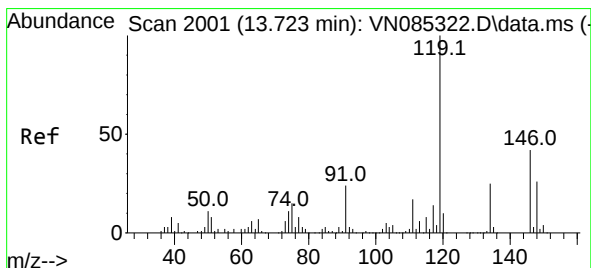
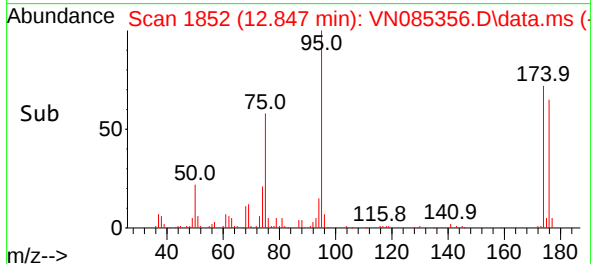
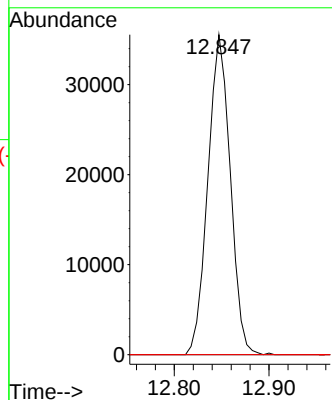
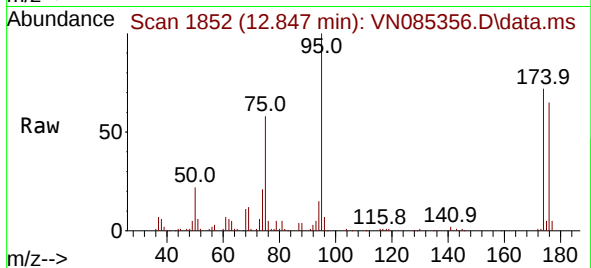




#81
trans-1,4-Dichloro-2-butene
Concen: 75.813 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

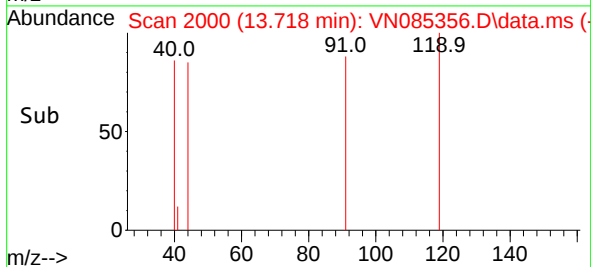
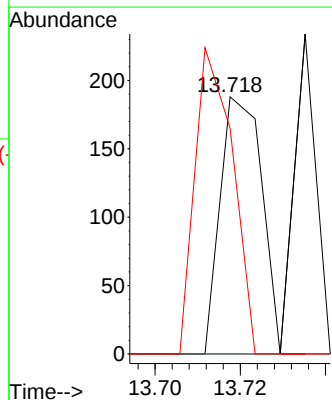
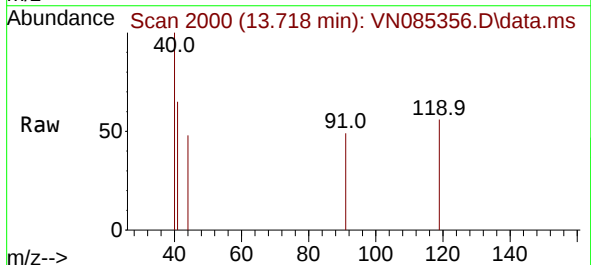
Instrument :
MSVOA_N
ClientSampleId :

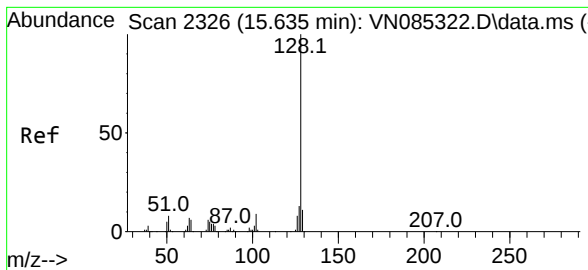
Tgt Ion: 75 Resp: 58359
Ion Ratio Lower Upper
75 100
53 0.0 80.0 120.0#
89 0.0 35.8 53.8#



#86
p-Isopropyltoluene
Concen: 0.214 ug/l
RT: 13.718 min Scan# 2000
Delta R.T. -0.005 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

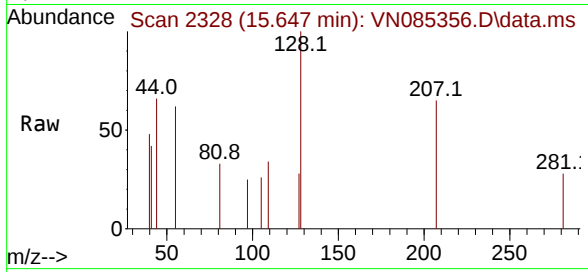
Tgt Ion: 119 Resp: 127
Ion Ratio Lower Upper
119 100
134 0.0 12.5 37.5#
91 107.9 12.2 36.4#





#95
Naphthalene
Concen: 0.258 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	1325
Ion	Ratio	Lower	Upper
128	100		
127	9.1	10.6	16.0#
129	4.6	8.5	12.7#

