

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085350.D
 Acq On : 30 Dec 2024 17:14
 Operator : JC\MD
 Sample : P5394-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 02:16:37 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)

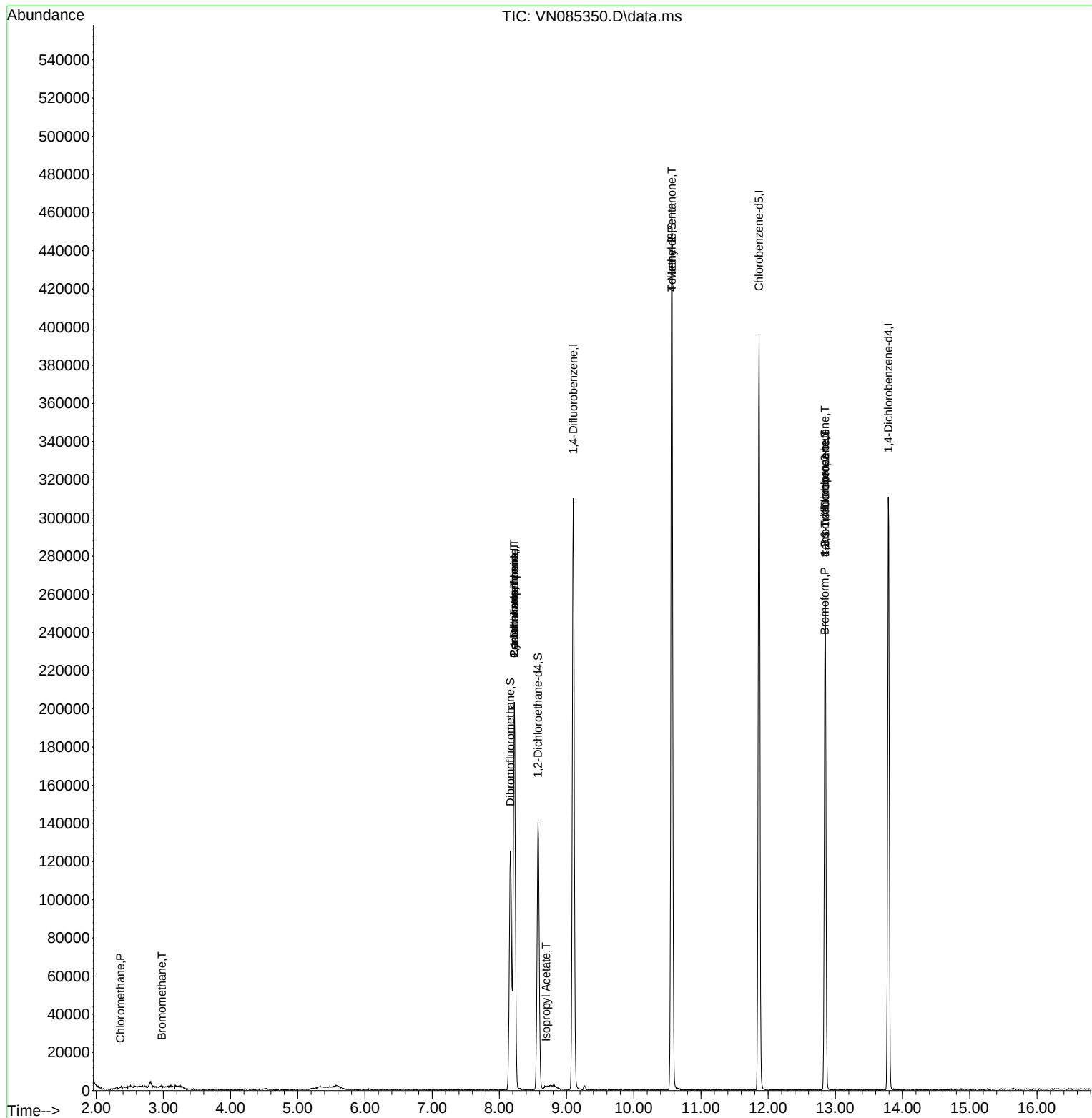
Internal Standards						
1) Pentafluorobenzene	8.224	168	134403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	212421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	77810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114655	59.811	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.620%	
35) Dibromofluoromethane	8.165	113	90013	57.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.680%	
50) Toluene-d8	10.565	98	311254	54.034	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	12.847	95	86205	45.062	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	589	0.288	ug/l #	43
5) Bromomethane	2.977	94	319	0.226	ug/l #	77
31) Cyclohexane	8.224	56	3935	1.389	ug/l #	42
36) 1,1-Dichloropropene	8.224	75	12719	5.534	ug/l #	49
38) Carbon Tetrachloride	8.224	117	15625	6.237	ug/l #	15
43) Isopropyl Acetate	8.694	43	1397	0.371	ug/l #	55
51) 4-Methyl-2-Pentanone	10.565	43	1473	0.697	ug/l #	1
71) Bromoform	12.841	173	357	0.335	ug/l #	28
76) 1,2,3-Trichloropropane	12.847	75	48502	33.380	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	48502	79.941	ug/l #	10

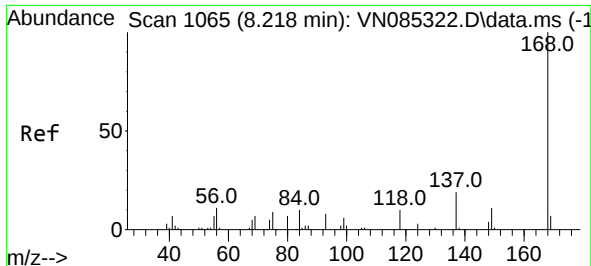
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
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MSVOA_N
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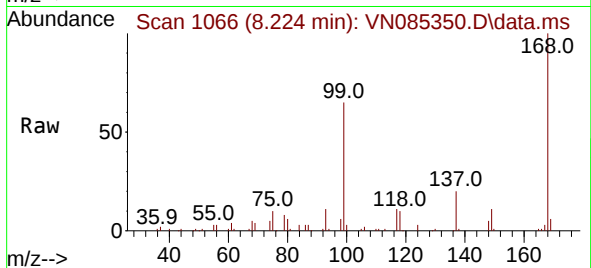
Quant Time: Dec 31 02:16:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
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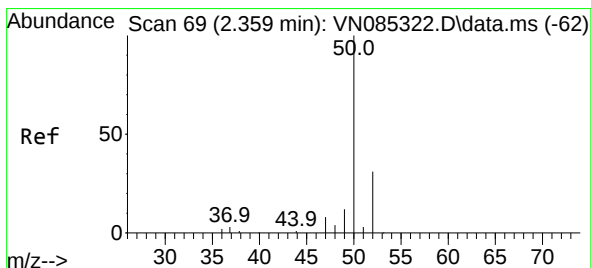
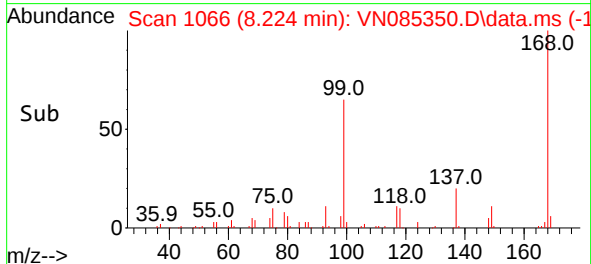
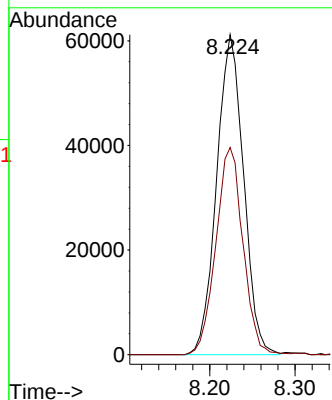


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085350.D
Acq: 30 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :

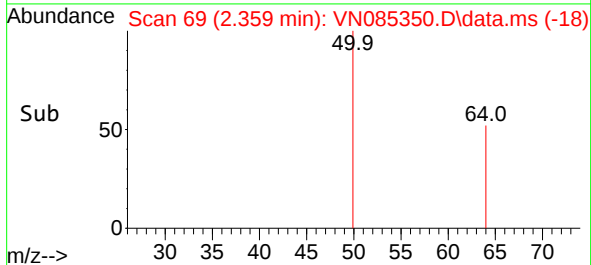
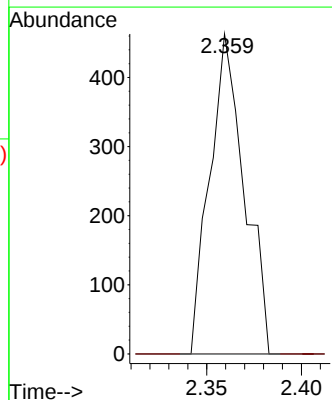
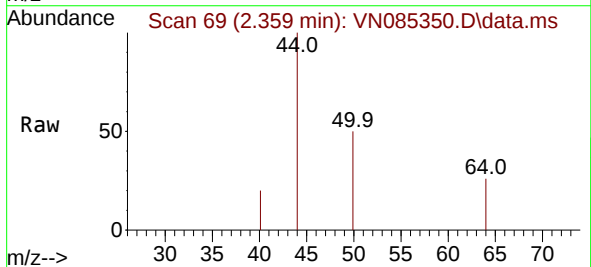


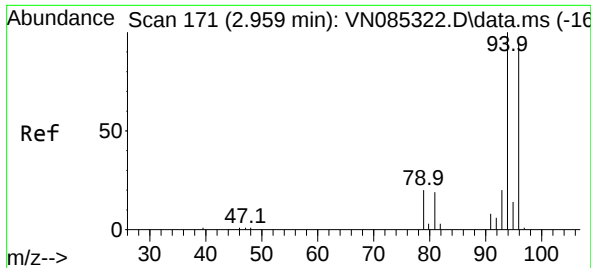
Tgt Ion:168 Resp: 134403
Ion Ratio Lower Upper
168 100
99 64.7 51.0 76.4



#3
Chloromethane
Concen: 0.288 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085350.D
Acq: 30 Dec 2024 17:14

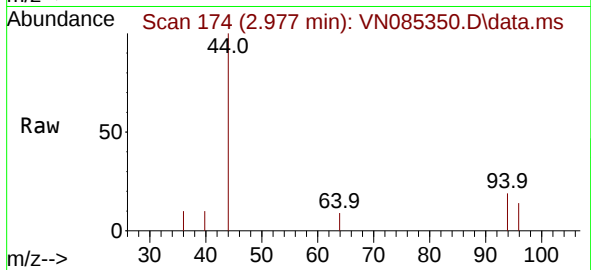
Tgt Ion: 50 Resp: 589
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#



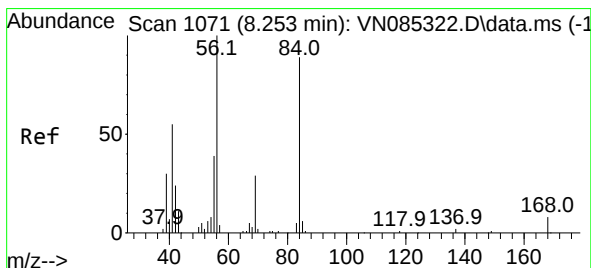
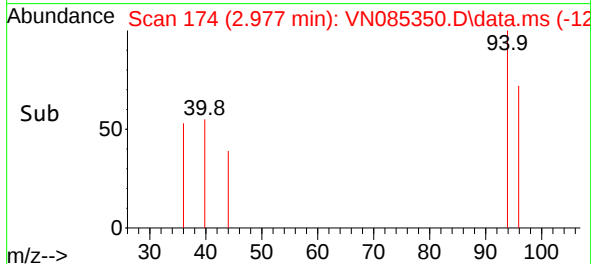
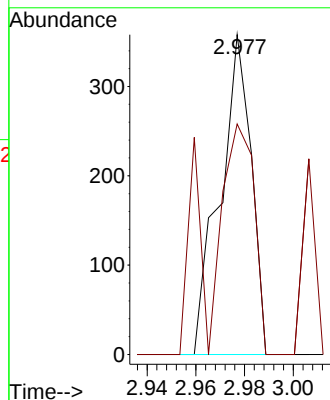


#5
Bromomethane
Concen: 0.226 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN085350.D
Acq: 30 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :

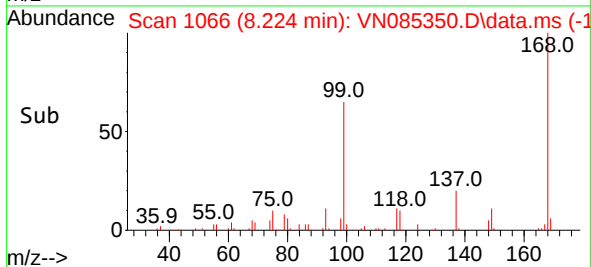
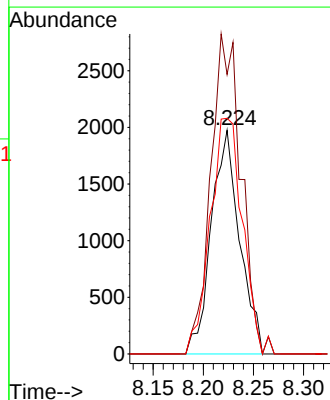
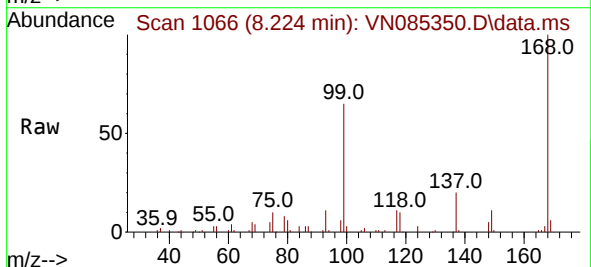


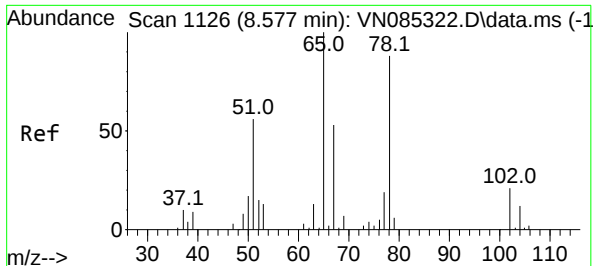
Tgt Ion: 94 Resp: 319
Ion Ratio Lower Upper
94 100
96 72.1 75.2 112.8#



#31
Cyclohexane
Concen: 1.389 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085350.D
Acq: 30 Dec 2024 17:14

Tgt Ion: 56 Resp: 3935
Ion Ratio Lower Upper
56 100
69 125.0 23.4 35.0#
84 105.4 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 59.811 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085350.D

Acq: 30 Dec 2024 17:14

Instrument :

MSVOA_N

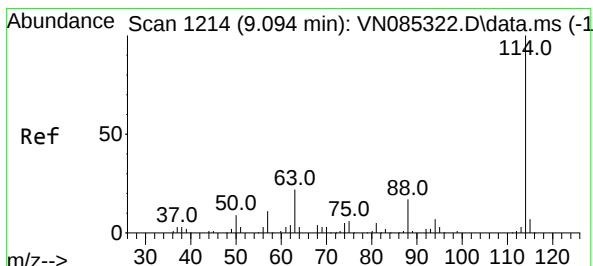
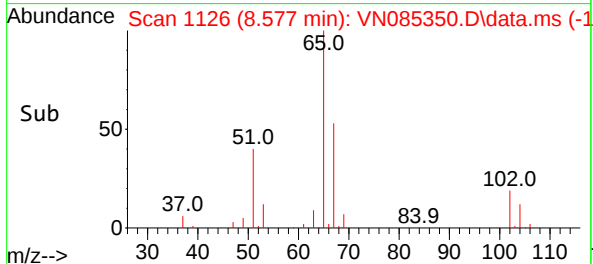
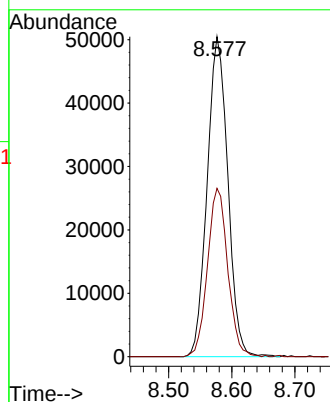
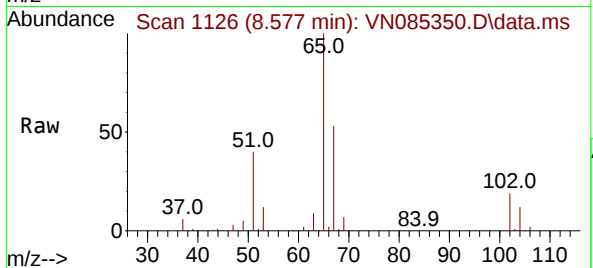
ClientSampleId :

Tgt Ion: 65 Resp: 114655

Ion Ratio Lower Upper

65 100

67 51.7 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: VN085350.D

Acq: 30 Dec 2024 17:14

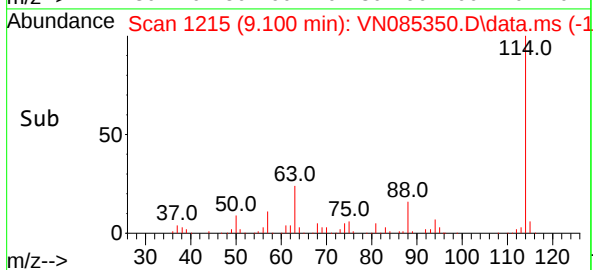
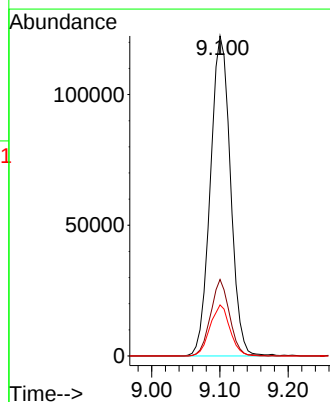
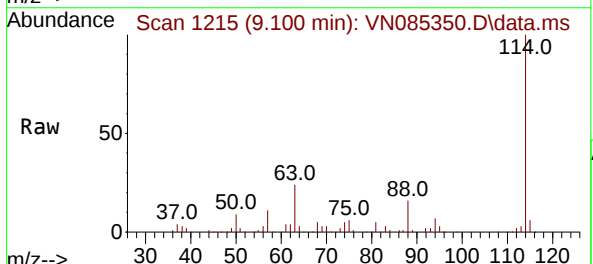
Tgt Ion: 114 Resp: 251622

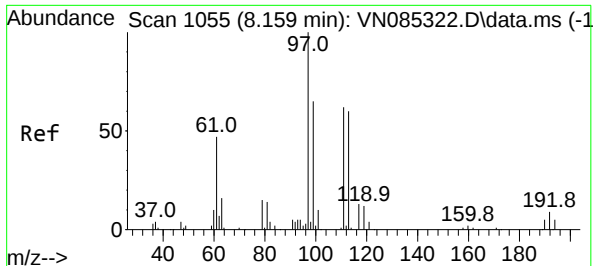
Ion Ratio Lower Upper

114 100

63 23.9 0.0 43.4

88 16.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 57.342 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085350.D

Acq: 30 Dec 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

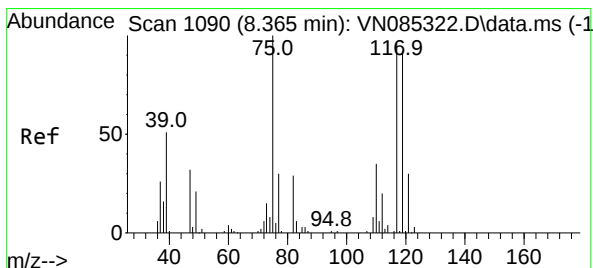
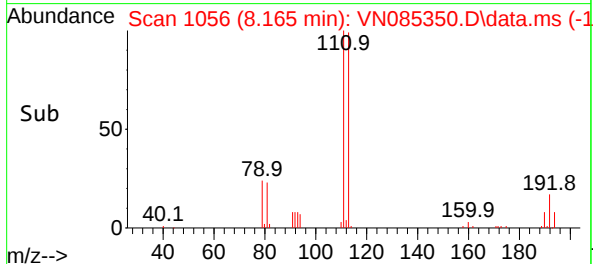
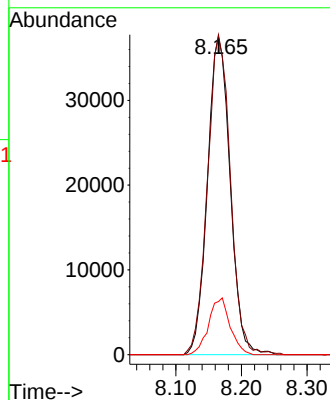
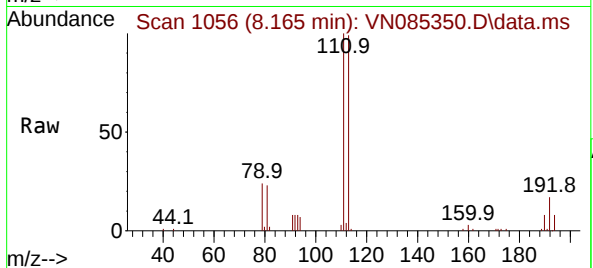
Tgt Ion:113 Resp: 90013

Ion Ratio Lower Upper

113 100

111 101.8 80.5 120.7

192 16.9 12.9 19.3



#36

1,1-Dichloropropene

Concen: 5.534 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085350.D

Acq: 30 Dec 2024 17:14

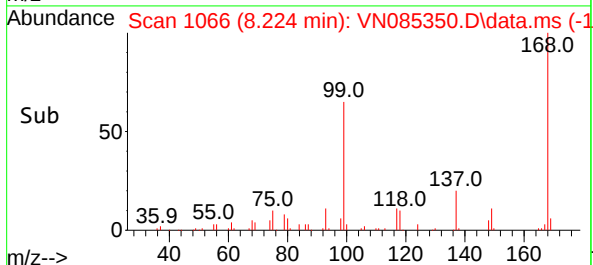
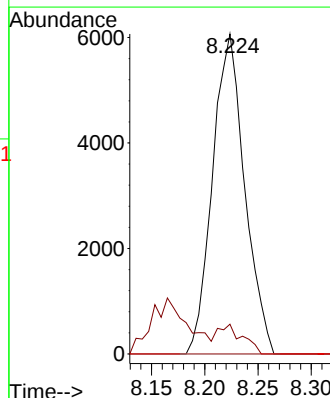
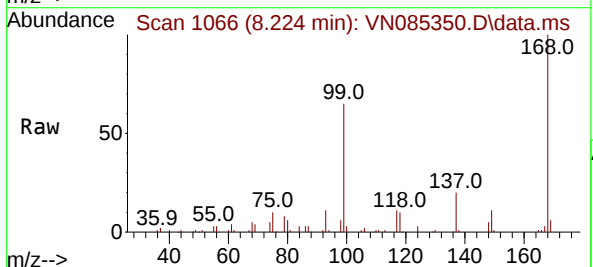
Tgt Ion: 75 Resp: 12719

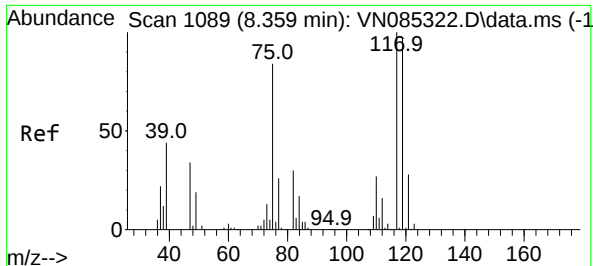
Ion Ratio Lower Upper

75 100

110 7.2 16.6 49.8#

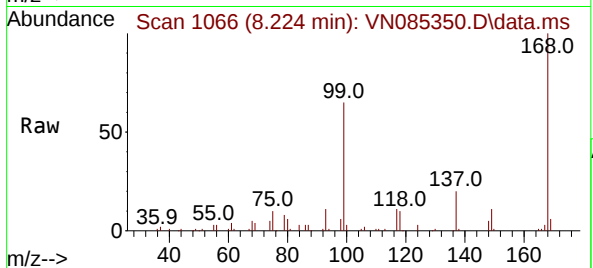
77 0.0 24.3 36.5#



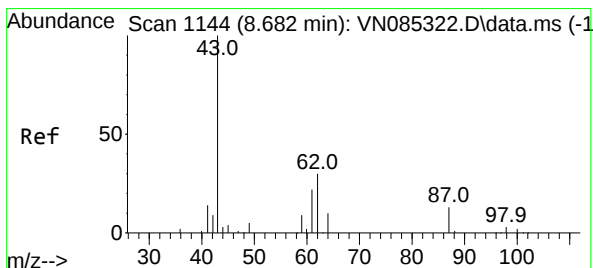
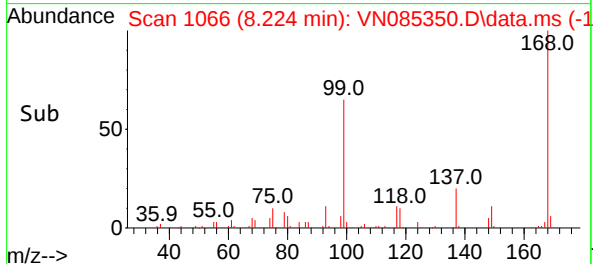
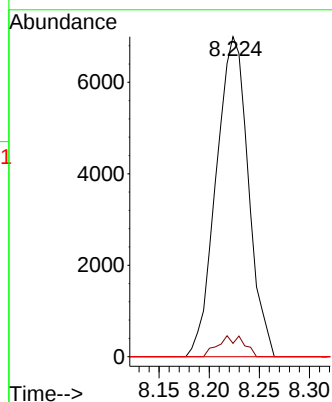


#38
Carbon Tetrachloride
Concen: 6.237 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085350.D
Acq: 30 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :

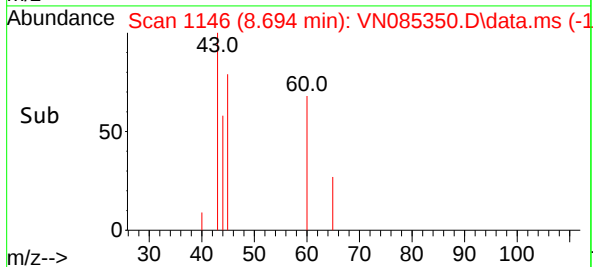
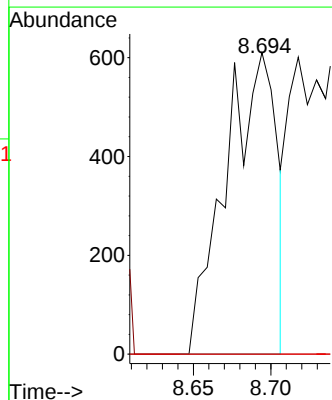
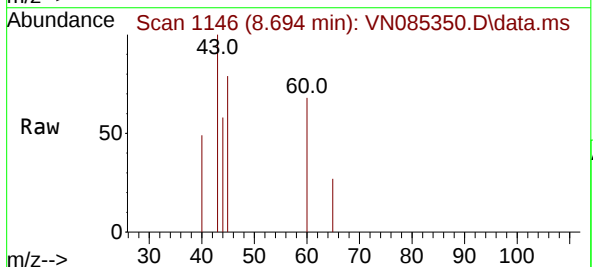


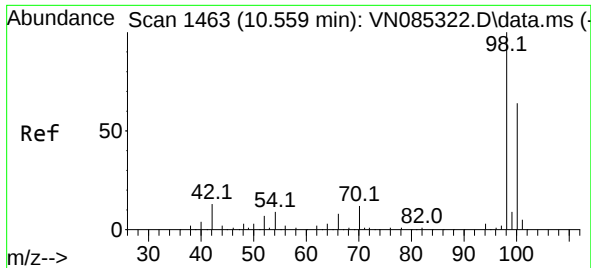
Tgt Ion:117 Resp: 15625
Ion Ratio Lower Upper
117 100
119 4.2 77.8 116.6#
121 0.0 22.5 33.7#



#43
Isopropyl Acetate
Concen: 0.371 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN085350.D
Acq: 30 Dec 2024 17:14

Tgt Ion: 43 Resp: 1397
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 10.2 15.4#

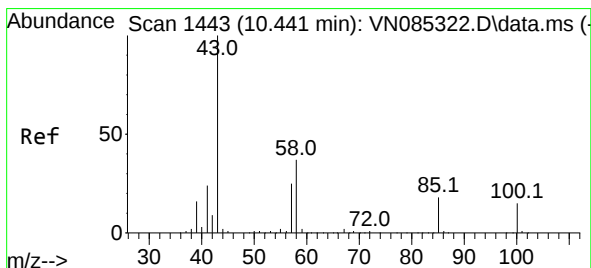
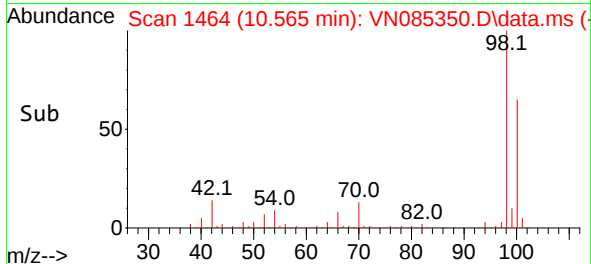
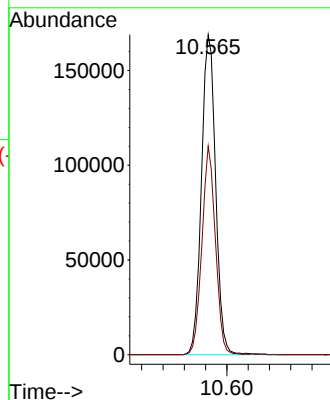
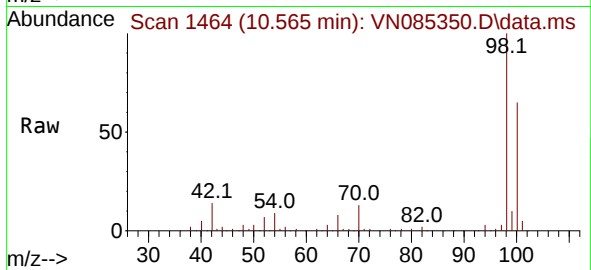




#50
Toluene-d8
Concen: 54.034 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085350.D
Acq: 30 Dec 2024 17:14

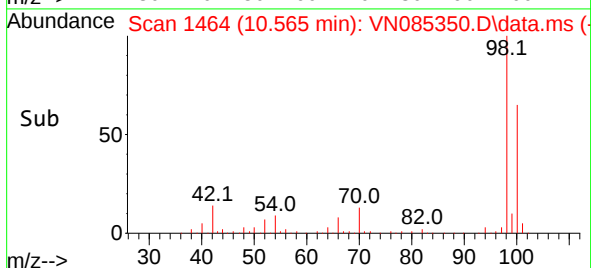
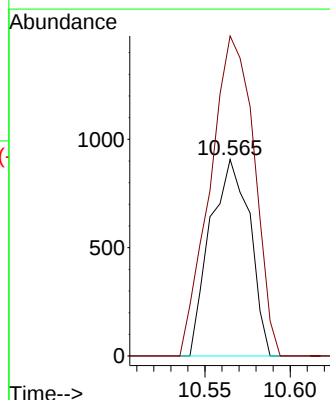
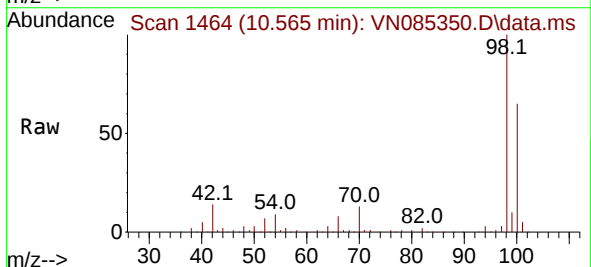
Instrument :
MSVOA_N
ClientSampleId :

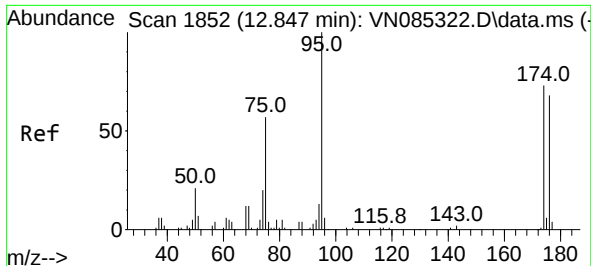
Tgt Ion: 98 Resp: 311254
Ion Ratio Lower Upper
98 100
100 62.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.697 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN085350.D
Acq: 30 Dec 2024 17:14

Tgt Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
58 180.2 30.3 45.5#

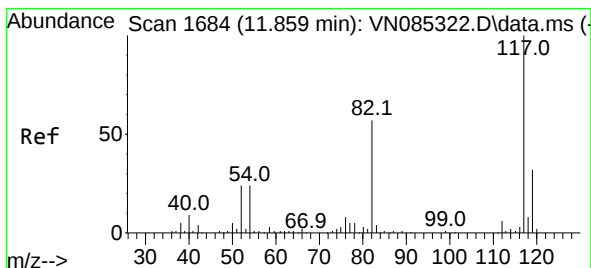
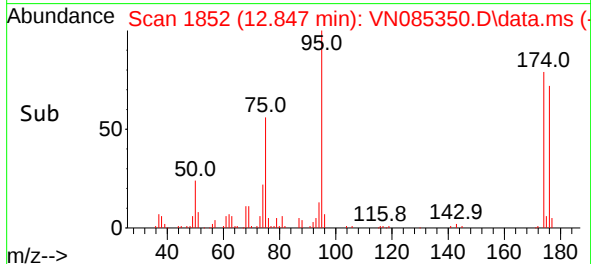
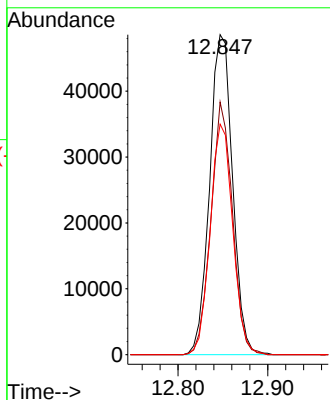
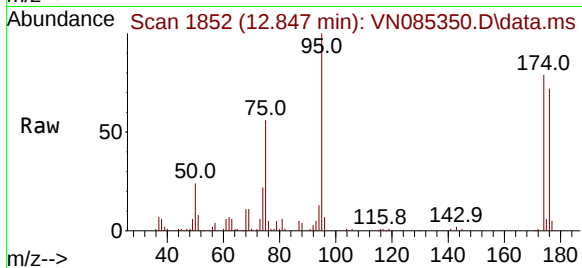




#62
4-Bromofluorobenzene
Concen: 45.062 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085350.D
Acq: 30 Dec 2024 17:14

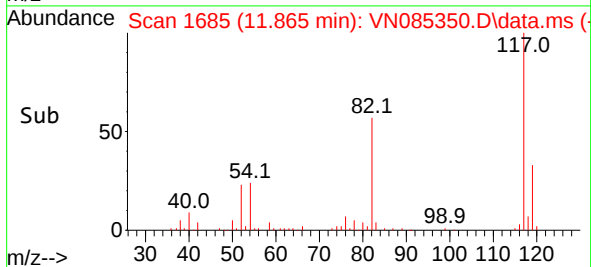
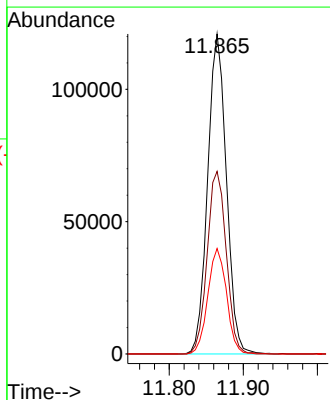
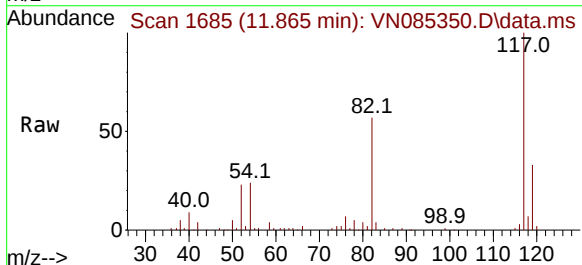
Instrument :
MSVOA_N
ClientSampleId :

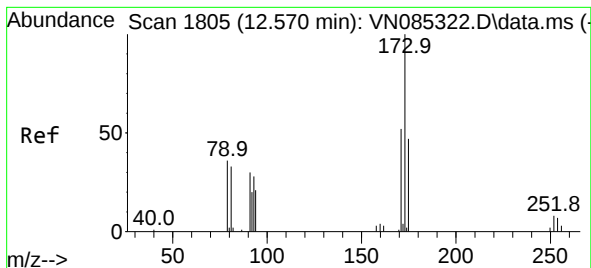
Tgt Ion: 95 Resp: 86205
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.2
176 71.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085350.D
Acq: 30 Dec 2024 17:14

Tgt Ion: 117 Resp: 212421
Ion Ratio Lower Upper
117 100
82 57.0 45.7 68.5
119 32.9 25.8 38.8





#71

Bromoform

Concen: 0.335 ug/l

RT: 12.841 min Scan# 1805

Delta R.T. 0.271 min

Lab File: VN085350.D

Acq: 30 Dec 2024 17:14

Instrument :

MSVOA_N

ClientSampleId :

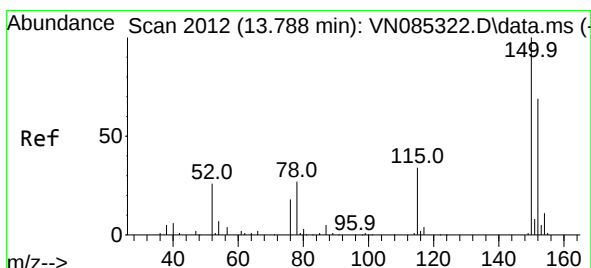
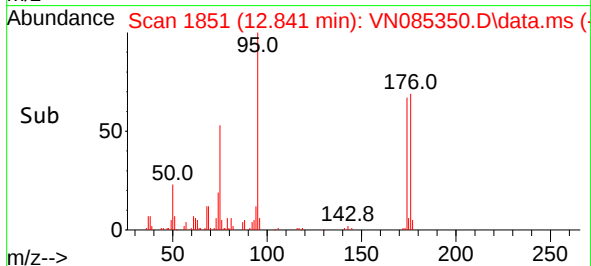
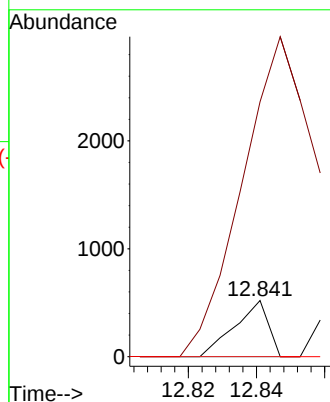
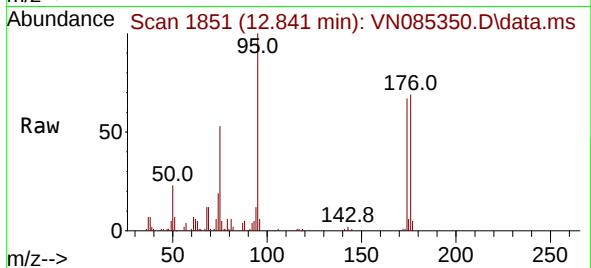
Tgt Ion:173 Resp: 357

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# 1212

Delta R.T. 0.000 min

Lab File: VN085350.D

Acq: 30 Dec 2024 17:14

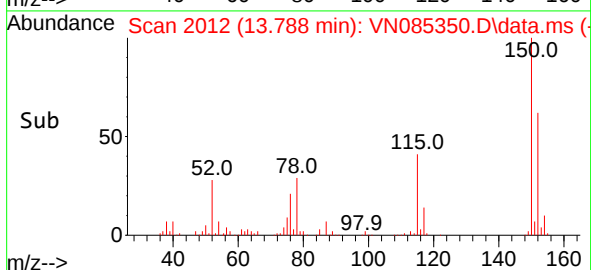
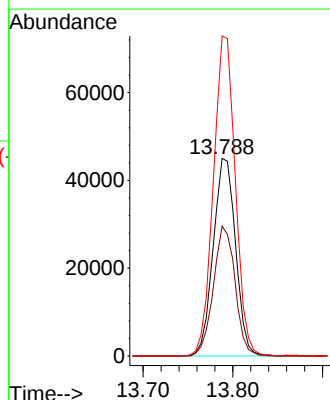
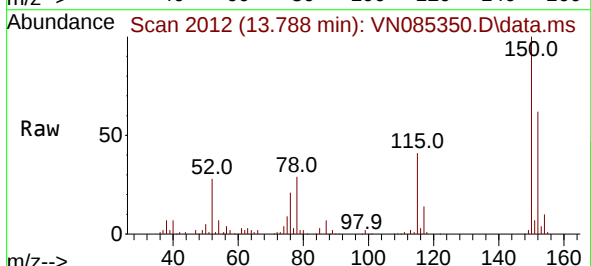
Tgt Ion:152 Resp: 77810

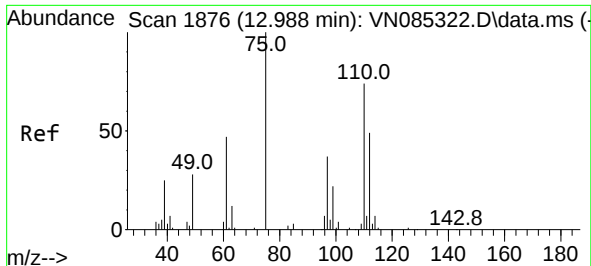
Ion Ratio Lower Upper

152 100

115 63.8 30.4 91.3

150 159.1 0.0 345.0

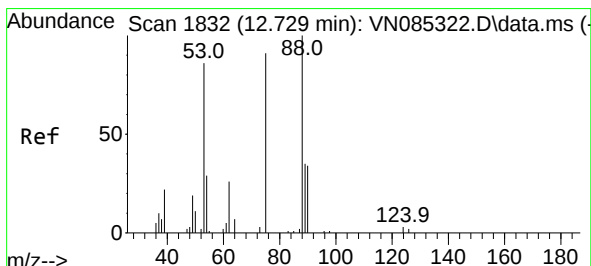
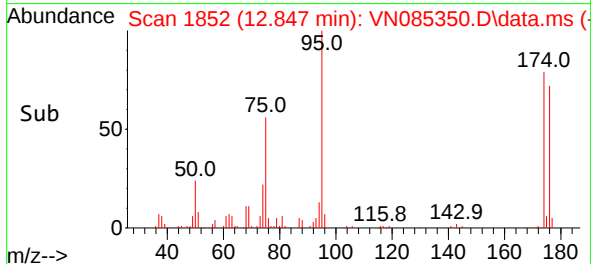
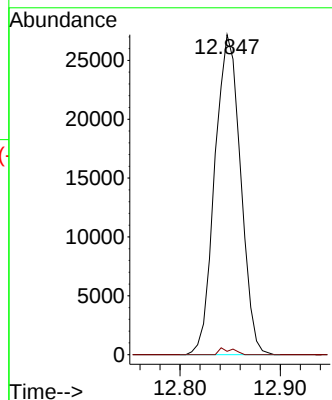
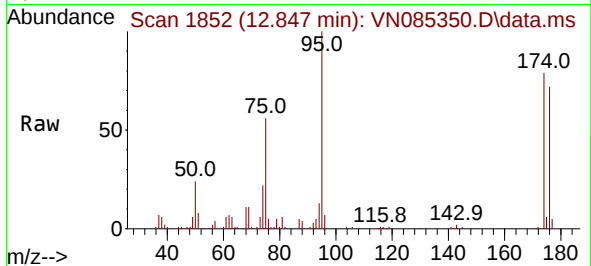




#76
1,2,3-Trichloropropane
Concen: 33.380 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085350.D
Acq: 30 Dec 2024 17:14

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 48502
Ion Ratio Lower Upper
75 100
77 1.1 98.1 294.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.941 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085350.D
Acq: 30 Dec 2024 17:14

Tgt Ion: 75 Resp: 48502
Ion Ratio Lower Upper
75 100
53 0.1 80.0 120.0#
89 0.0 35.8 53.8#

