

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085251.D
 Acq On : 18 Dec 2024 14:45
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 06:43:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

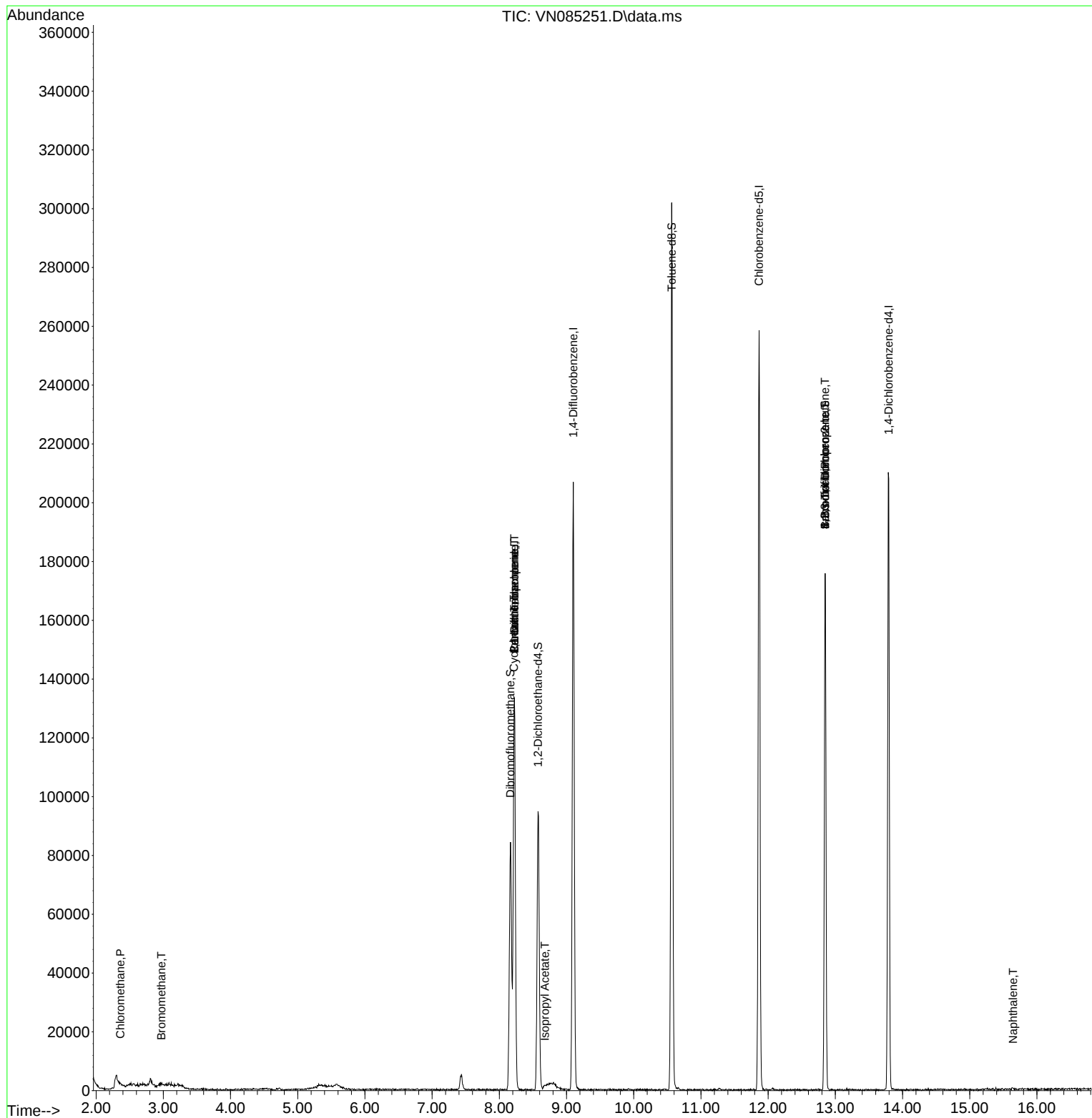
Internal Standards						
1) Pentafluorobenzene	8.224	168	89658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	160322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	138574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	53332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	80573	51.416	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.840%			
35) Dibromofluoromethane	8.165	113	57580	51.085	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.160%			
50) Toluene-d8	10.565	98	193219	46.901	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.800%			
62) 4-Bromofluorobenzene	12.847	95	57965	39.393	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 78.780%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	319	0.234	ug/l #	42
5) Bromomethane	2.971	94	287	0.343	ug/l #	79
6) Chloroethane	3.106	64	443	Below Cal	#	42
31) Cyclohexane	8.218	56	2879	1.420	ug/l #	49
36) 1,1-Dichloropropene	8.224	75	9008	5.739	ug/l #	53
38) Carbon Tetrachloride	8.224	117	10479	5.522	ug/l #	17
43) Isopropyl Acetate	8.677	43	1189	0.359	ug/l #	58
71) Bromoform	12.847	173	554	0.650	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	34047	26.782	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	34047	71.115	ug/l #	7
95) Naphthalene	15.647	128	763	0.260	ug/l #	69

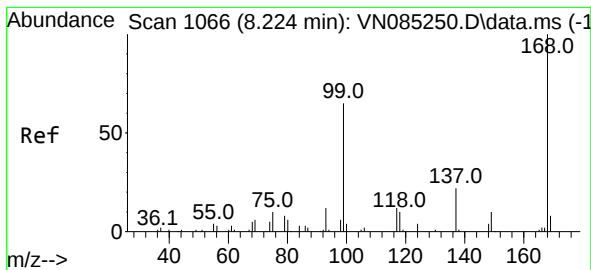
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
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Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

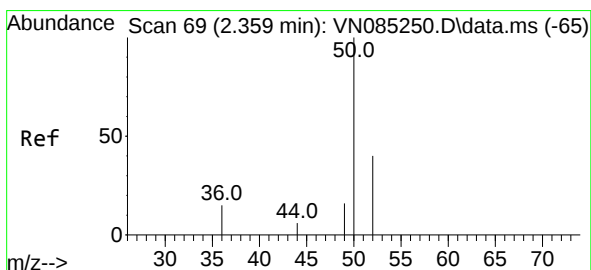
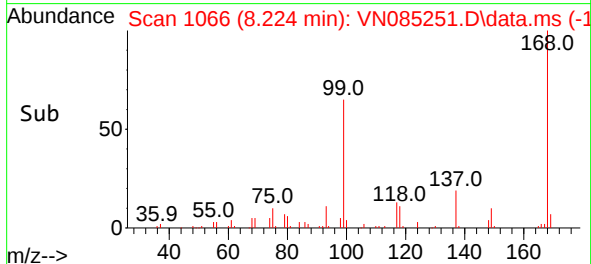
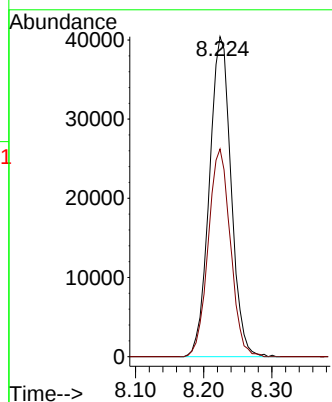
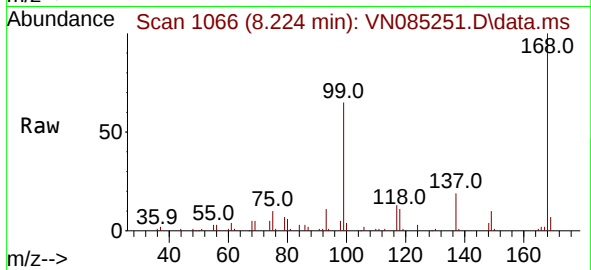




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085251.D
Acq: 18 Dec 2024 14:45

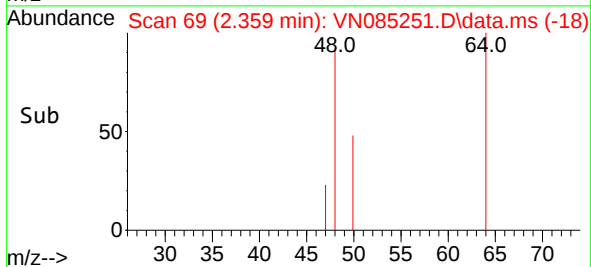
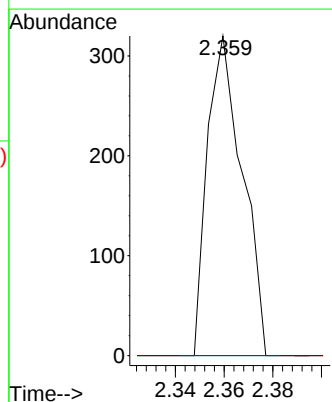
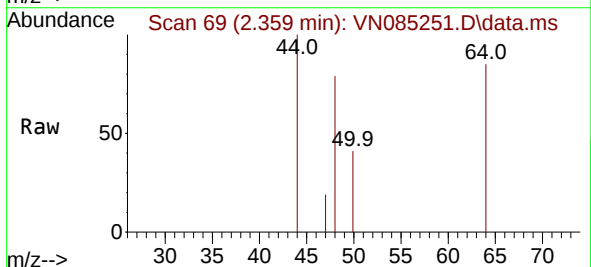
Instrument :
MSVOA_N
ClientSampleId :

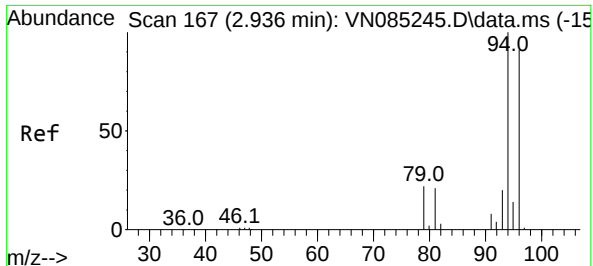
Tgt Ion:168 Resp: 89658
Ion Ratio Lower Upper
168 100
99 64.9 50.7 76.1



#3
Chloromethane
Concen: 0.234 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085251.D
Acq: 18 Dec 2024 14:45

Tgt Ion: 50 Resp: 319
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#

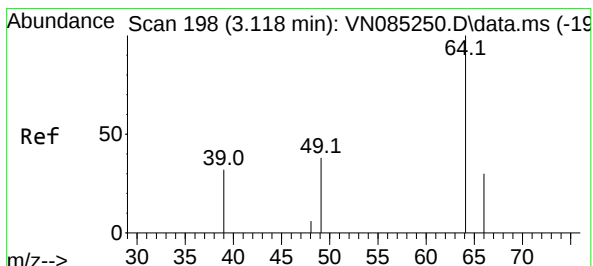
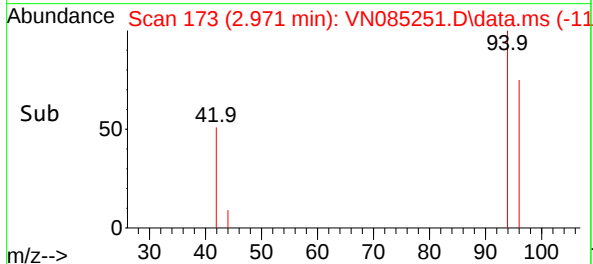
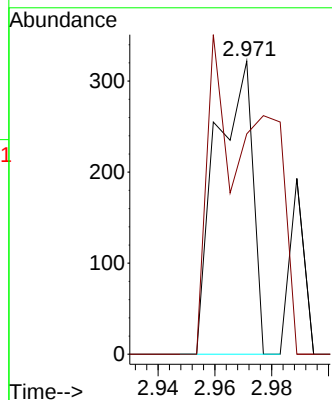
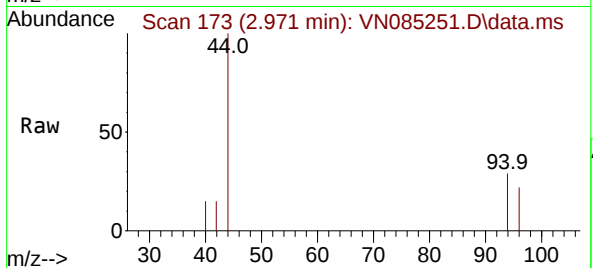




#5
Bromomethane
Concen: 0.343 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN085251.D
Acq: 18 Dec 2024 14:45

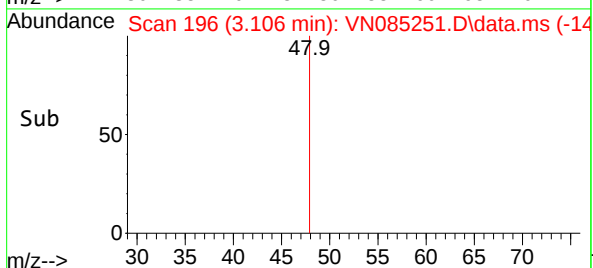
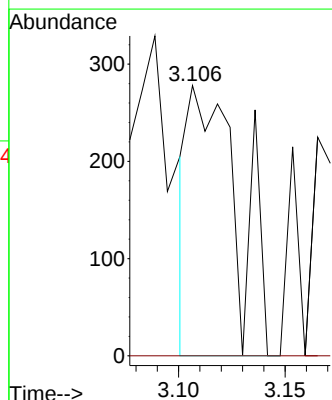
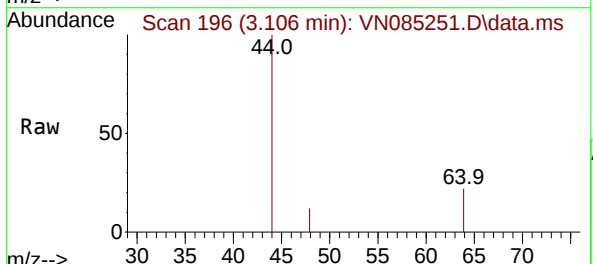
Instrument :
MSVOA_N
ClientSampleId :

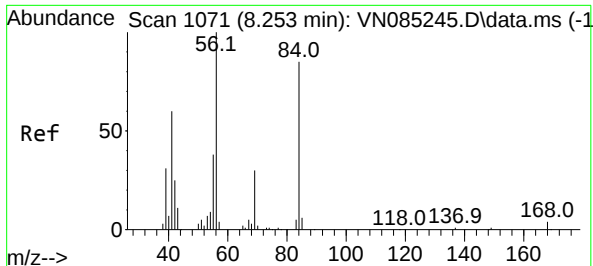
Tgt Ion: 94 Resp: 287
Ion Ratio Lower Upper
94 100
96 75.2 76.8 115.2#



#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN085251.D
Acq: 18 Dec 2024 14:45

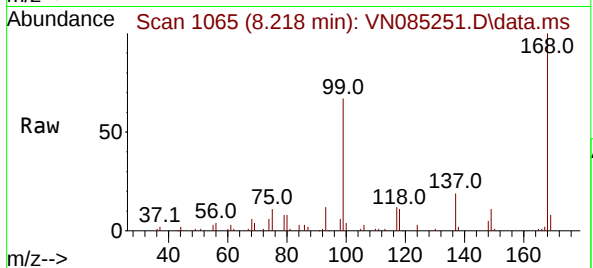
Tgt Ion: 64 Resp: 443
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



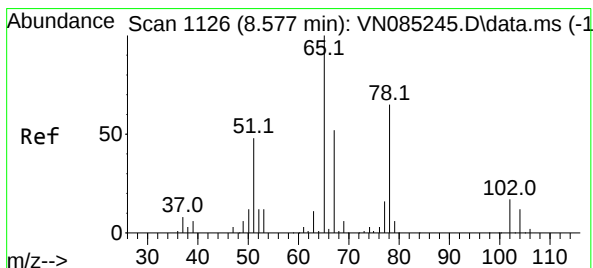
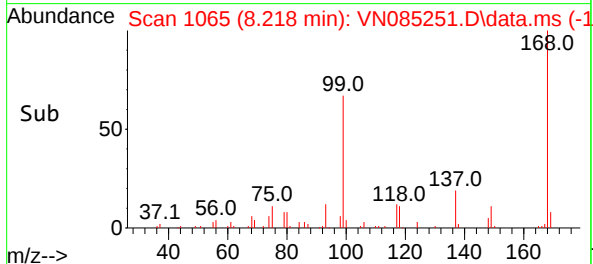
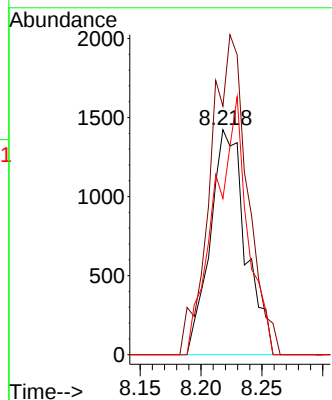


#31
Cyclohexane
Concen: 1.420 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085251.D
Acq: 18 Dec 2024 14:45

Instrument :
MSVOA_N
ClientSampleId :

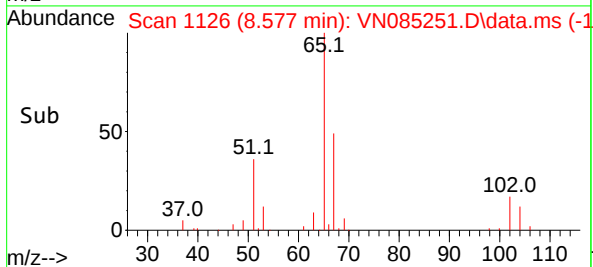
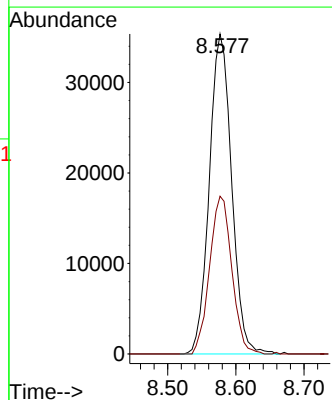
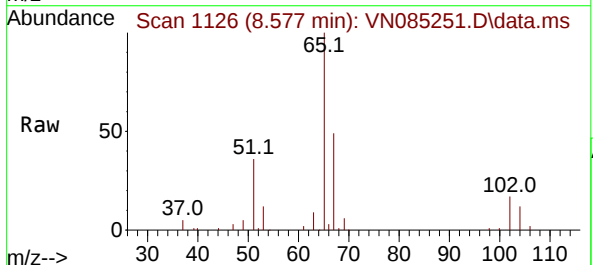


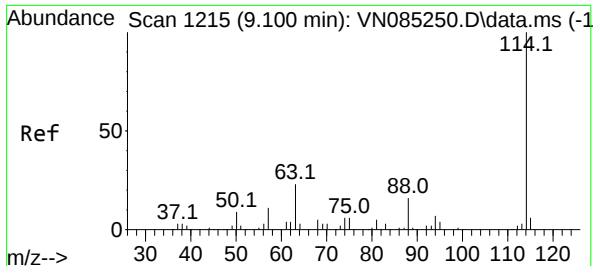
Tgt Ion: 56 Resp: 2879
Ion Ratio Lower Upper
56 100
69 110.5 23.6 35.4#
84 69.4 66.6 99.8



#33
1,2-Dichloroethane-d4
Concen: 51.416 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085251.D
Acq: 18 Dec 2024 14:45

Tgt Ion: 65 Resp: 80573
Ion Ratio Lower Upper
65 100
67 49.0 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085251.D

Acq: 18 Dec 2024 14:45

Instrument :

MSVOA_N

ClientSampleId :

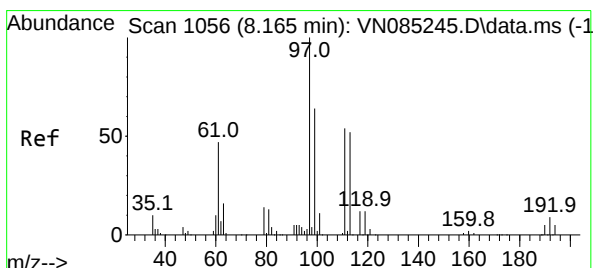
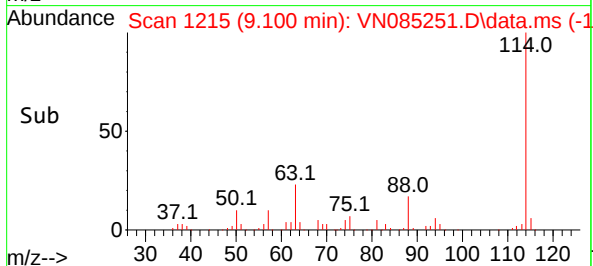
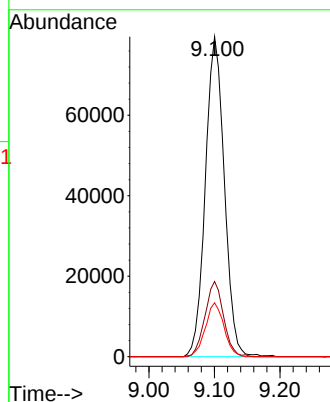
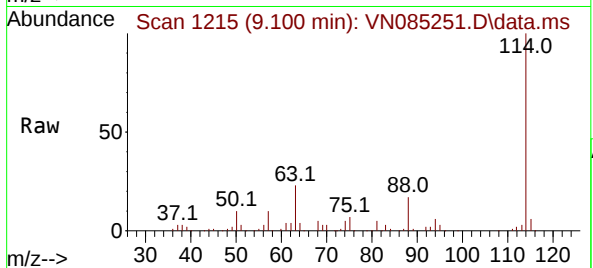
Tgt Ion:114 Resp: 160322

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.2

88 16.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.085 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN085251.D

Acq: 18 Dec 2024 14:45

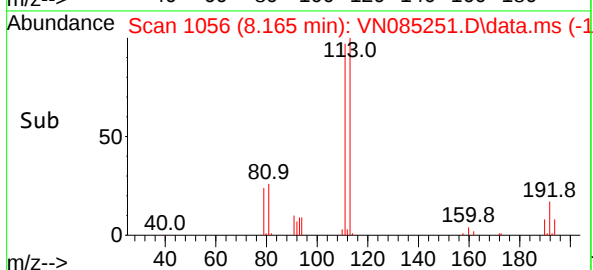
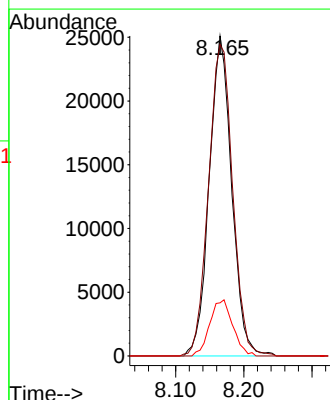
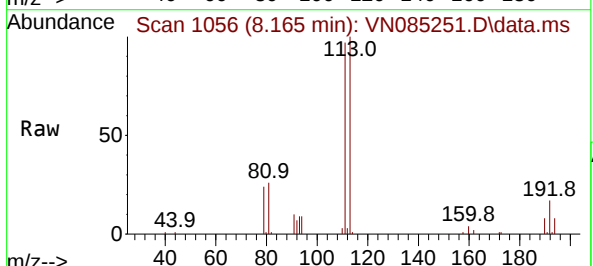
Tgt Ion:113 Resp: 57580

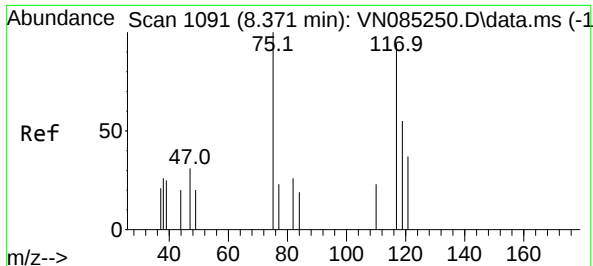
Ion Ratio Lower Upper

113 100

111 104.4 82.1 123.1

192 18.0 13.4 20.0





#36

1,1-Dichloropropene

Concen: 5.739 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085251.D

Acq: 18 Dec 2024 14:45

Instrument :

MSVOA_N

ClientSampleId :

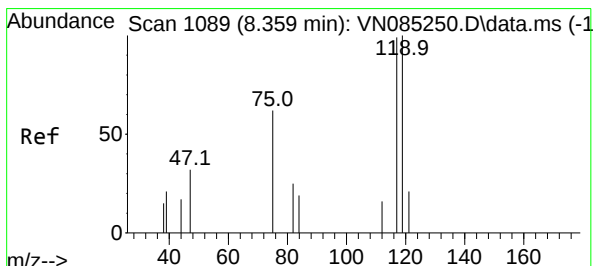
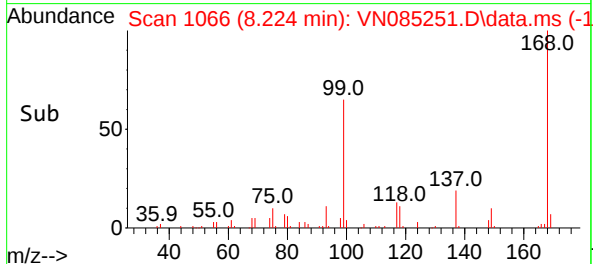
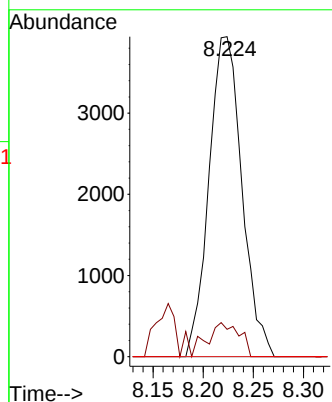
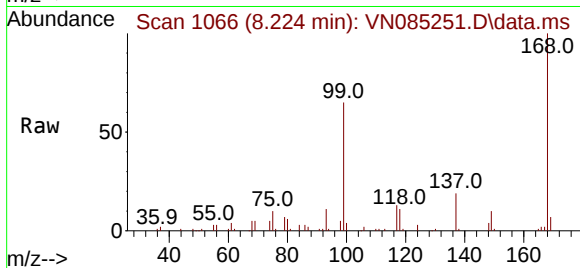
Tgt Ion: 75 Resp: 9008

Ion Ratio Lower Upper

75 100

110 10.4 16.0 48.0#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.522 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN085251.D

Acq: 18 Dec 2024 14:45

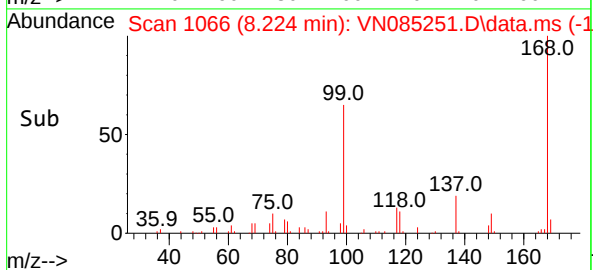
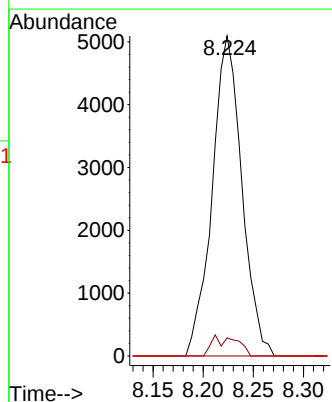
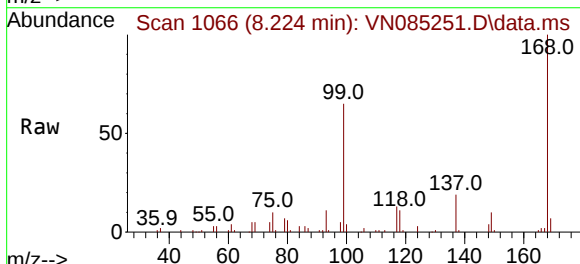
Tgt Ion: 117 Resp: 10479

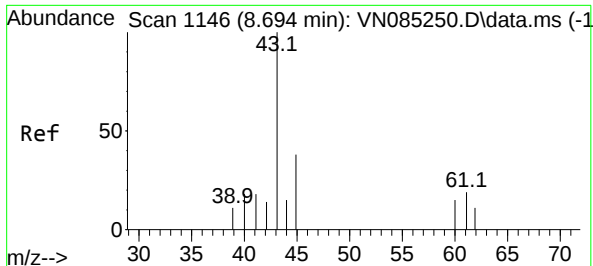
Ion Ratio Lower Upper

117 100

119 5.6 74.8 112.2#

121 0.0 24.2 36.4#

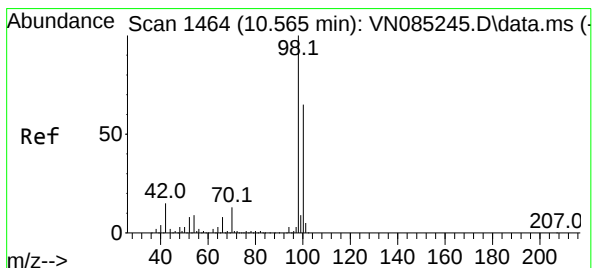
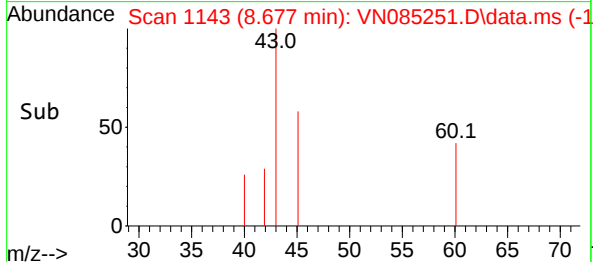
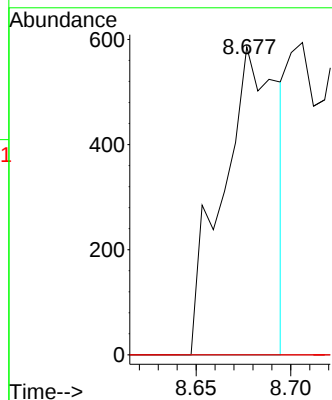
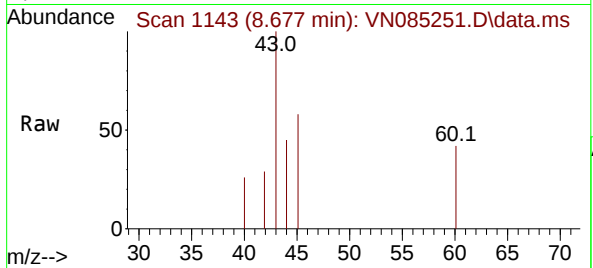




#43
Isopropyl Acetate
Concen: 0.359 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN085251.D
Acq: 18 Dec 2024 14:45

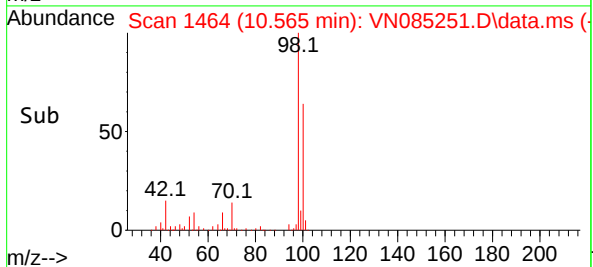
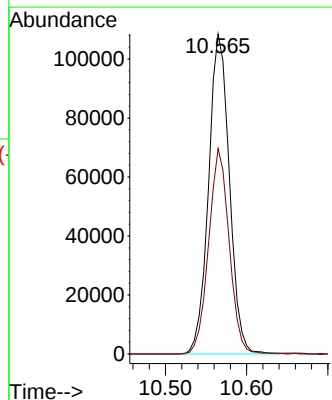
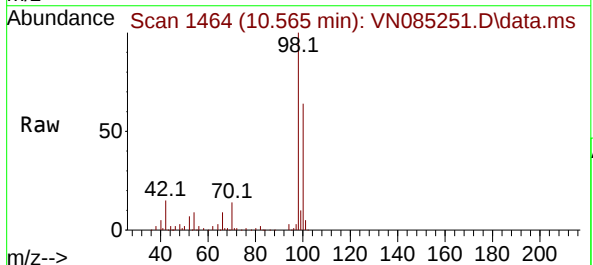
Instrument :
MSVOA_N
ClientSampleId :

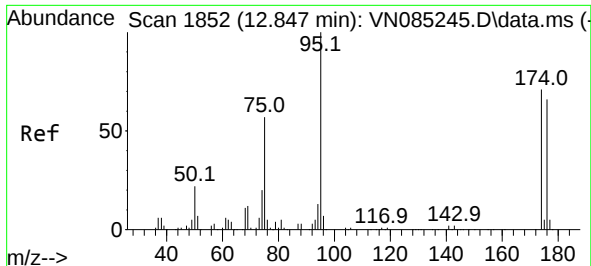
Tgt Ion: 43 Resp: 1189
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.3 13.9#



#50
Toluene-d8
Concen: 46.901 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085251.D
Acq: 18 Dec 2024 14:45

Tgt Ion: 98 Resp: 193219
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4

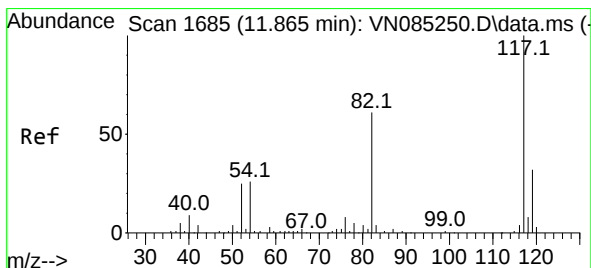
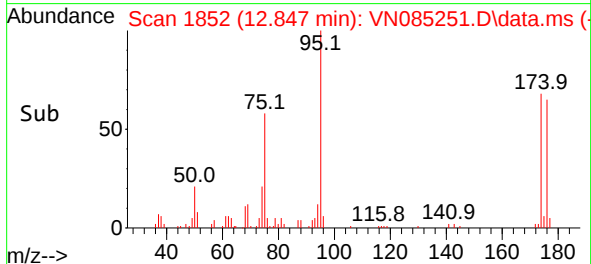
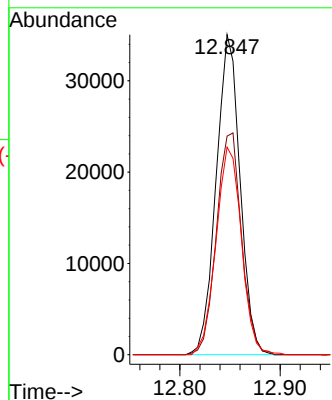
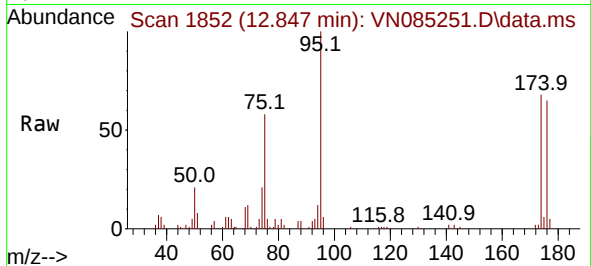




#62
4-Bromofluorobenzene
Concen: 39.393 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085251.D
Acq: 18 Dec 2024 14:45

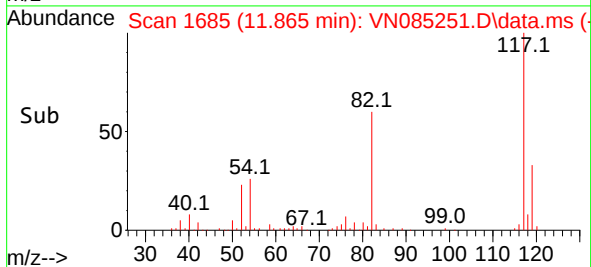
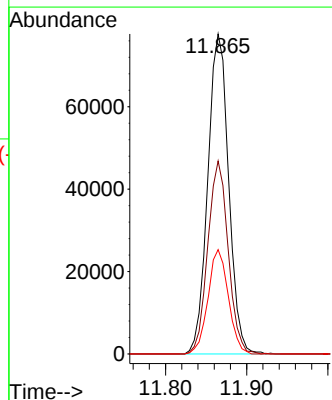
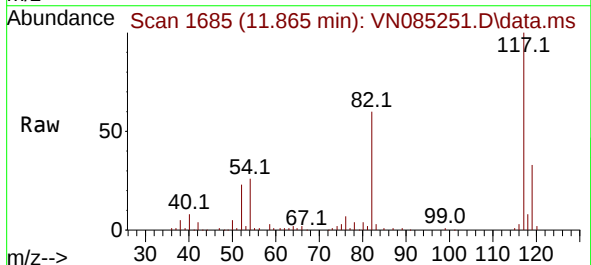
Instrument :
MSVOA_N
ClientSampleId :

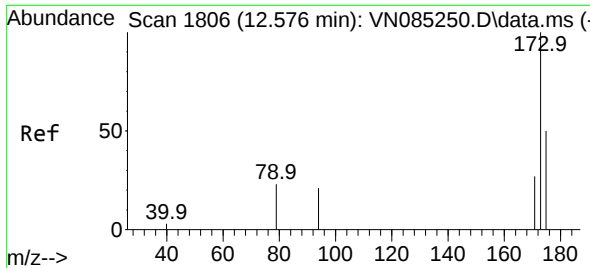
Tgt Ion: 95 Resp: 57965
Ion Ratio Lower Upper
95 100
174 72.8 0.0 144.4
176 69.0 0.0 136.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085251.D
Acq: 18 Dec 2024 14:45

Tgt Ion: 117 Resp: 138574
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 32.6 25.6 38.4

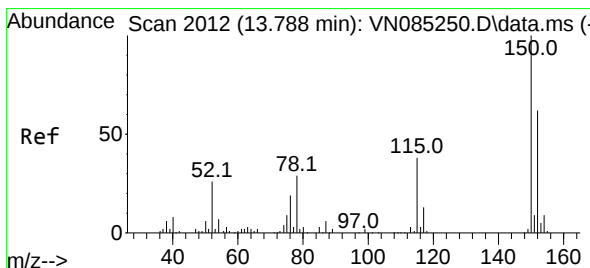
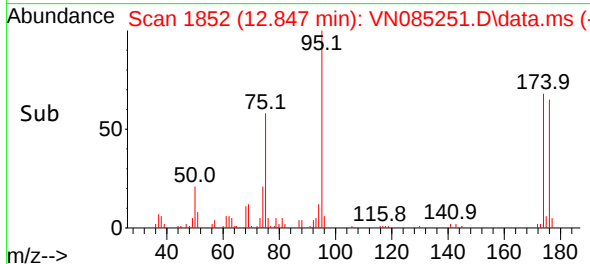
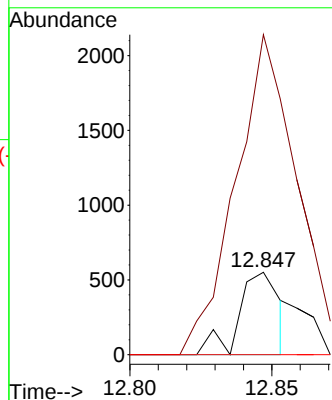
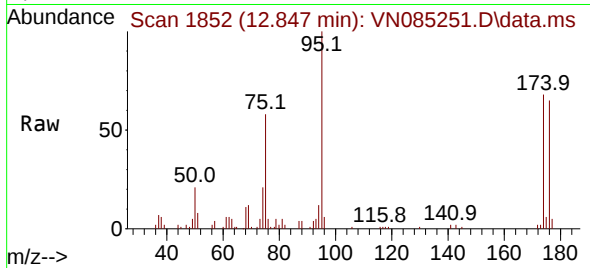




#71
Bromoform
Concen: 0.650 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN085251.D
Acq: 18 Dec 2024 14:45

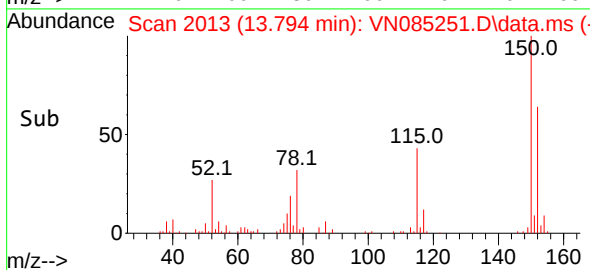
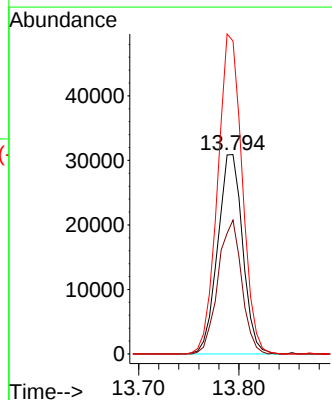
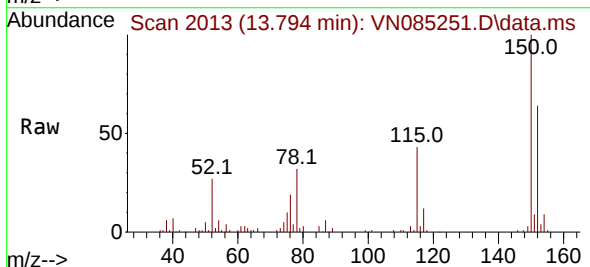
Instrument :
MSVOA_N
ClientSampleId :

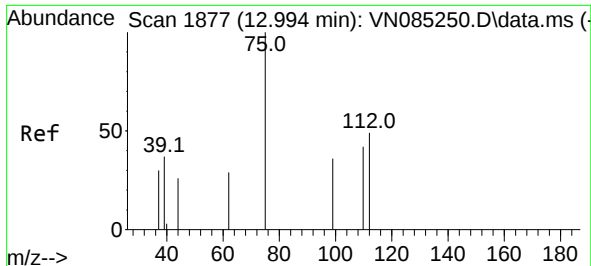
Tgt Ion:173 Resp: 554
Ion Ratio Lower Upper
173 100
175 441.7 24.5 73.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085251.D
Acq: 18 Dec 2024 14:45

Tgt Ion:152 Resp: 53332
Ion Ratio Lower Upper
152 100
115 63.8 32.1 96.3
150 157.9 0.0 354.6

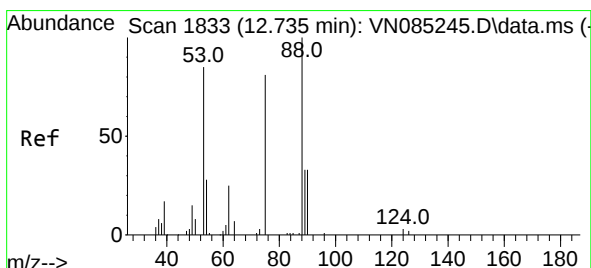
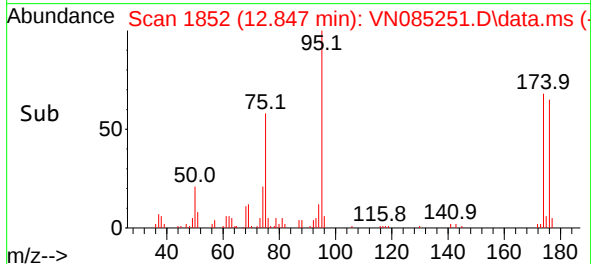
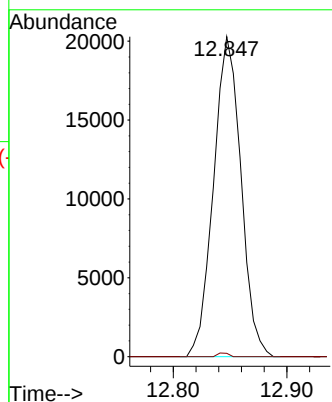
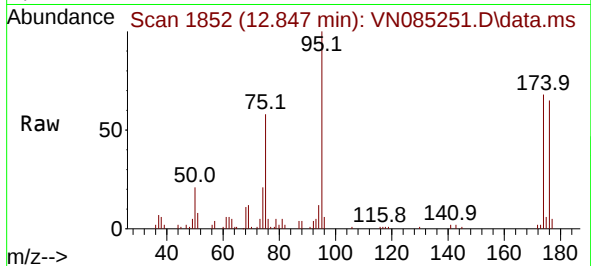




#76
1,2,3-Trichloropropane
Concen: 26.782 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085251.D
Acq: 18 Dec 2024 14:45

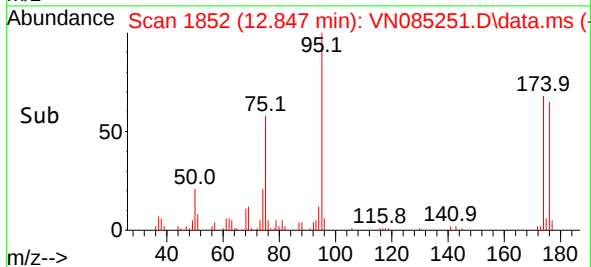
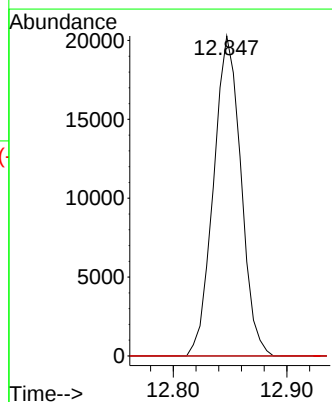
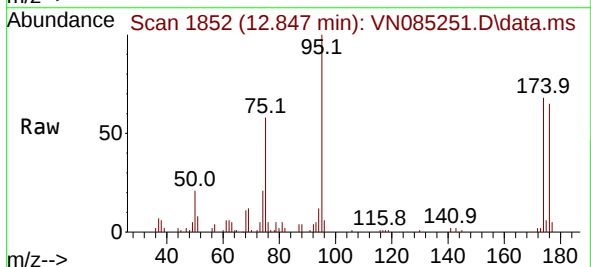
Instrument :
MSVOA_N
ClientSampleId :

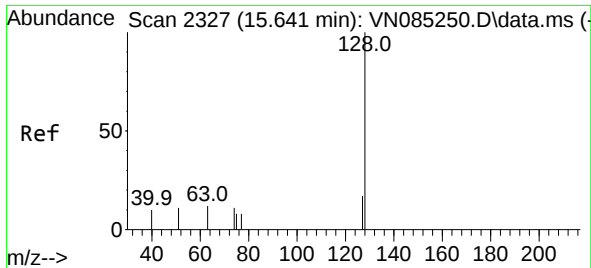
Tgt Ion: 75 Resp: 34047
Ion Ratio Lower Upper
75 100
77 0.5 102.6 307.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.115 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085251.D
Acq: 18 Dec 2024 14:45

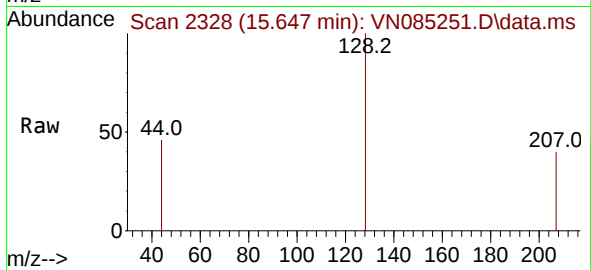
Tgt Ion: 75 Resp: 34047
Ion Ratio Lower Upper
75 100
53 0.0 84.9 127.3#
89 0.0 37.9 56.9#





#95
 Naphthalene
 Concen: 0.260 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN085251.D
 Acq: 18 Dec 2024 14:45

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:128 Resp: 763
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.6 13.0#

