

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
 Data File : VN084311.D
 Acq On : 04 Oct 2024 12:53
 Operator : JC\MD
 Sample : VN1004WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

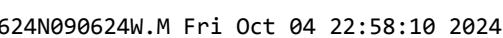
Quant Time: Oct 04 22:57:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	32244	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	161344	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	146913	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	84924	28.814	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.033%
60) 4-Bromofluorobenzene	12.847	95	69499	27.448	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.500%
63) Toluene-d8	10.565	98	226683	33.323	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	111.067%
Target Compounds						
					Qvalue	
36) 1,2-Dichloroethane	9.100	62	5977	2.071	ug/l #	72
51) Ethyl methacrylate	10.576	69	659	0.224	ug/l #	42
56) Bromoform	12.847	173	425	0.324	ug/l #	1
72) 1,2,3-Trichloropropane	12.847	75	36097	16.705	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	36097	39.522	ug/l #	12

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

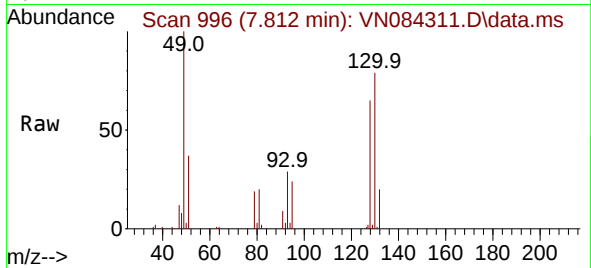
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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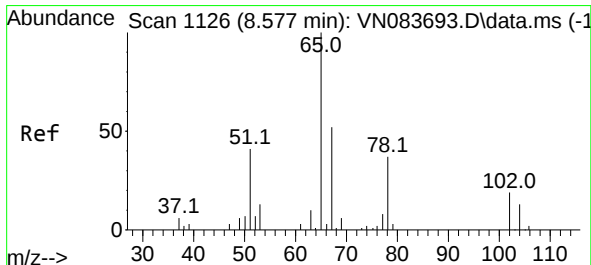
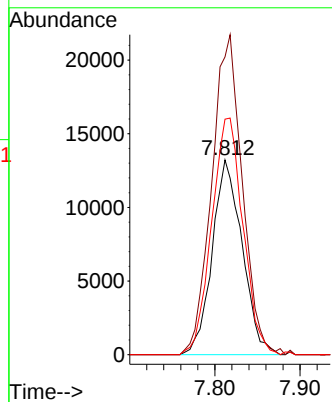
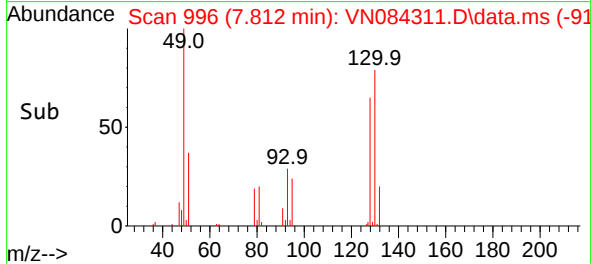


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

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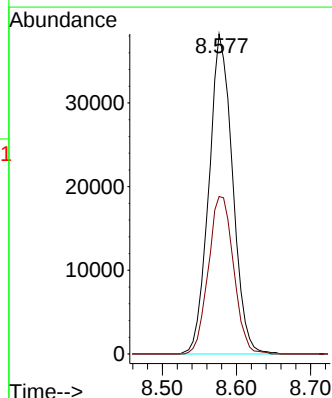
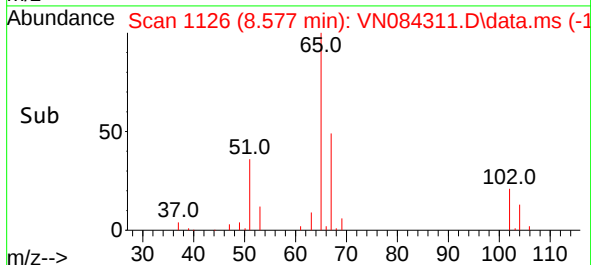
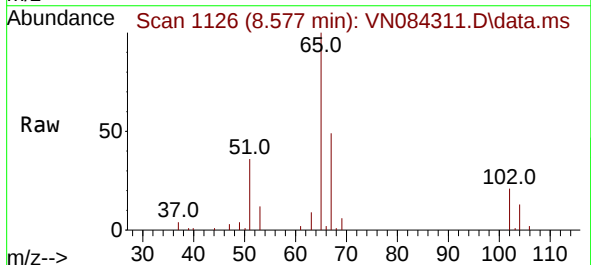


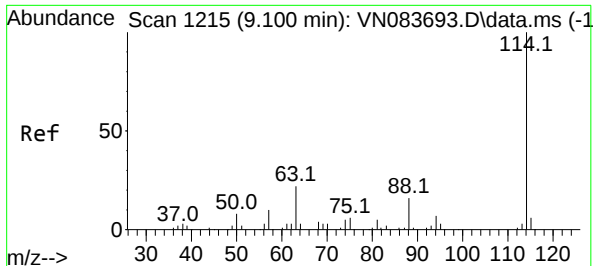
Tgt Ion:128 Resp: 32244
Ion Ratio Lower Upper
128 100
49 167.3 0.0 403.7
130 127.6 0.0 323.3



#27
1,2-Dichloroethane-d4
Concen: 28.814 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

Tgt Ion: 65 Resp: 84924
Ion Ratio Lower Upper
65 100
67 52.3 43.2 64.8

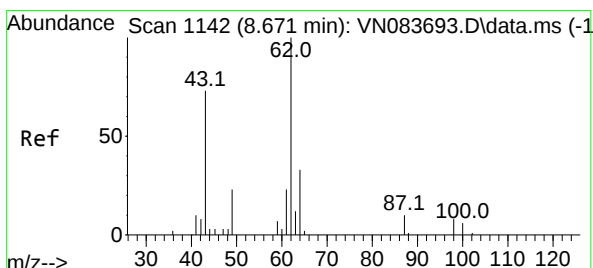
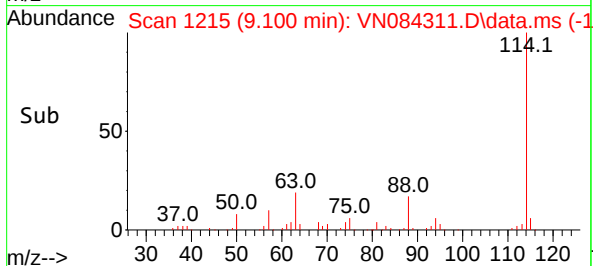
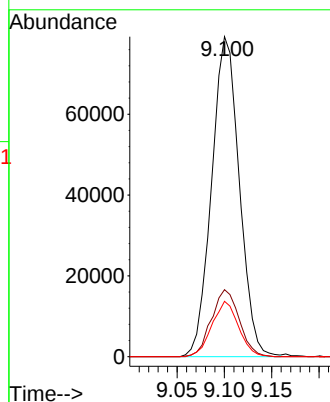
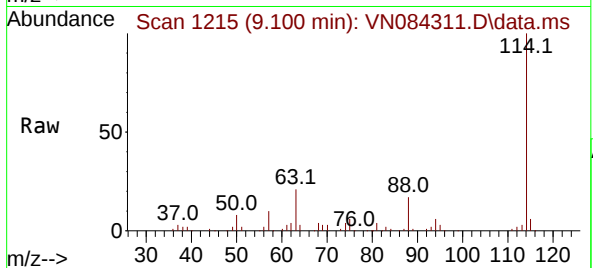




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

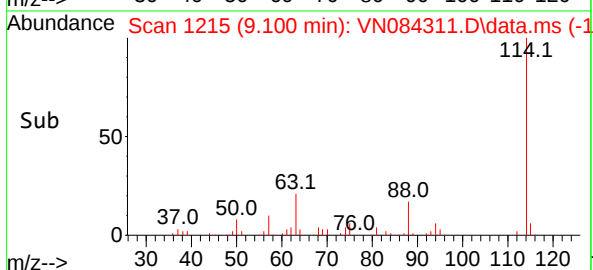
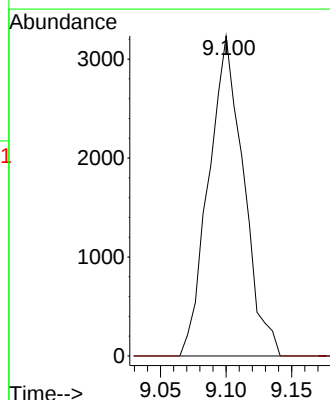
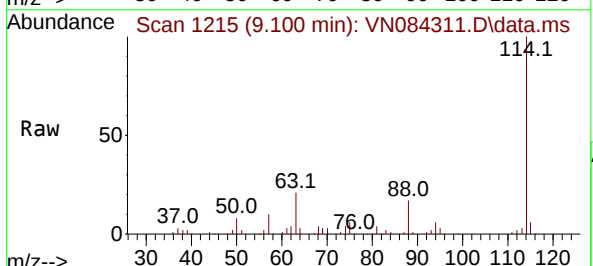
Instrument :
MSVOA_N
ClientSampleId :

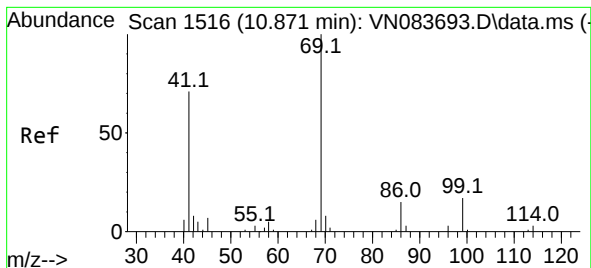
Tgt Ion:114 Resp: 161344
Ion Ratio Lower Upper
114 100
63 21.0 15.9 23.9
88 16.7 12.7 19.1



#36
1,2-Dichloroethane
Concen: 2.071 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.429 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

Tgt Ion: 62 Resp: 5977
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#

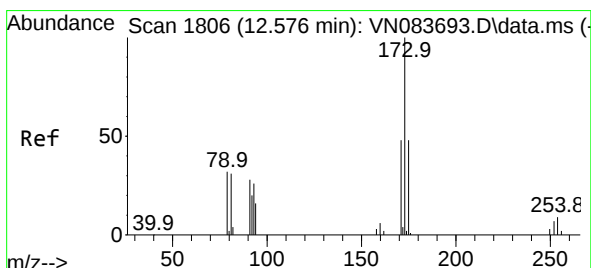
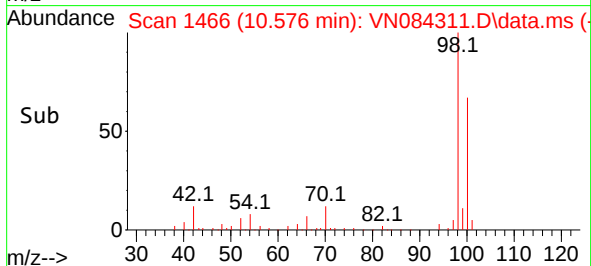
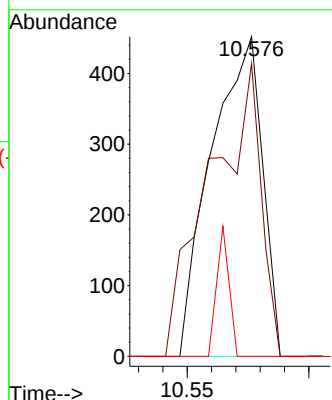
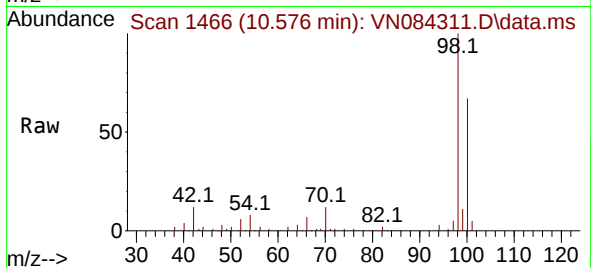




#51
Ethyl methacrylate
Concen: 0.224 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. -0.294 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

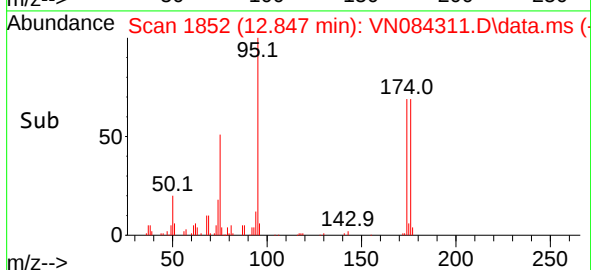
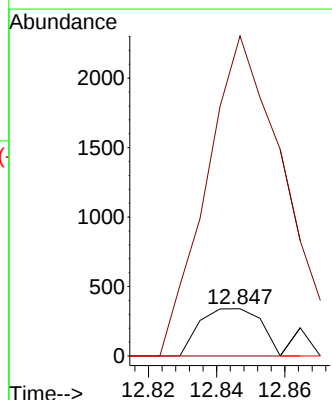
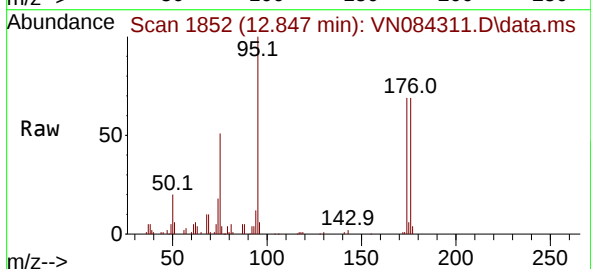
Instrument :
MSVOA_N
ClientSampleId :

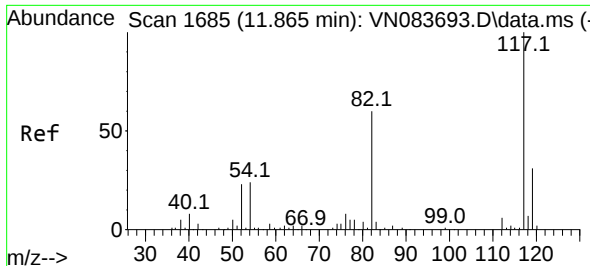
Tgt Ion: 69 Resp: 659
Ion Ratio Lower Upper
69 100
41 91.6 25.5 76.5#
39 0.0 16.0 47.9#



#56
Bromoform
Concen: 0.324 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

Tgt Ion:173 Resp: 425
Ion Ratio Lower Upper
173 100
175 857.4 40.0 60.0#
254 0.0 8.3 12.5#

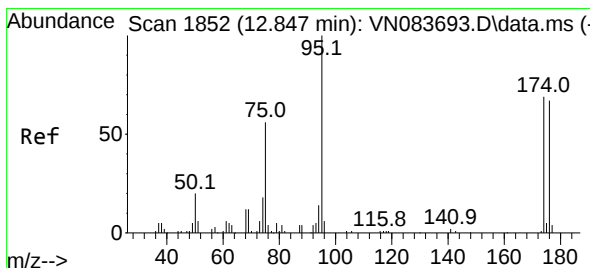
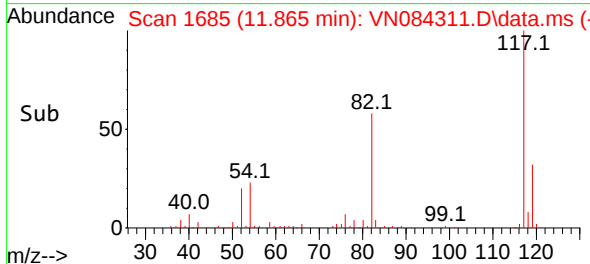
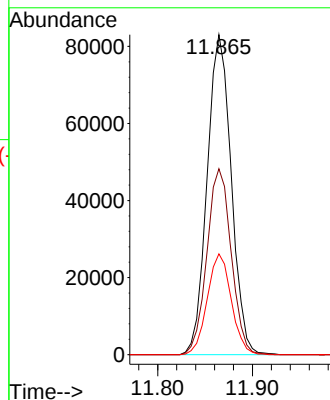
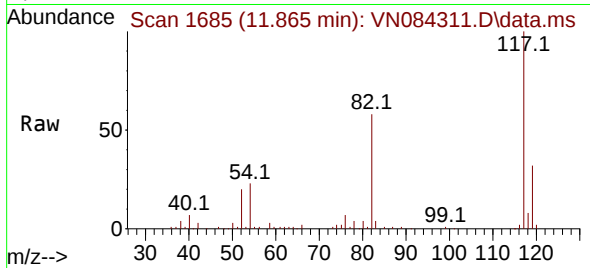




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

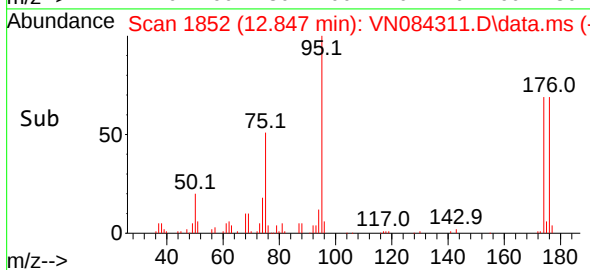
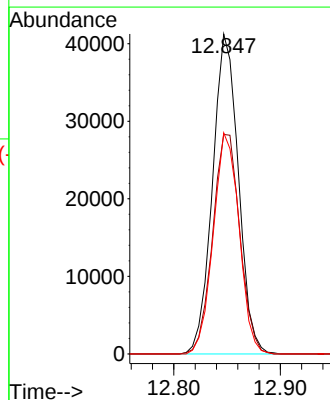
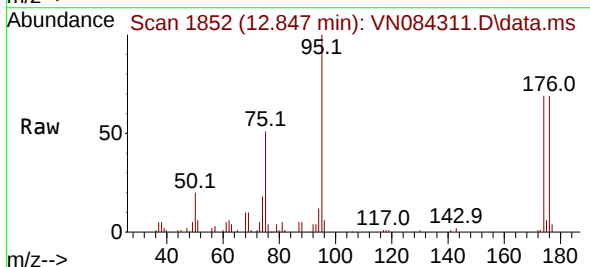
Instrument :
MSVOA_N
ClientSampleId :

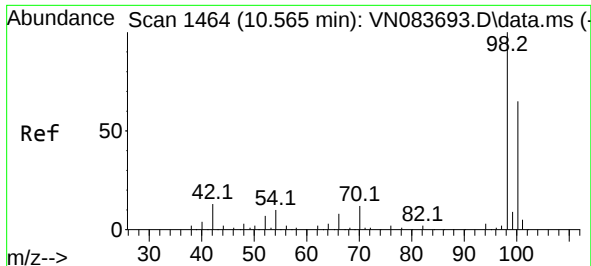
Tgt Ion:117 Resp: 146913
Ion Ratio Lower Upper
117 100
82 58.6 46.6 69.8
119 31.3 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 27.448 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

Tgt Ion: 95 Resp: 69499
Ion Ratio Lower Upper
95 100
174 72.4 60.5 90.7
176 68.9 57.8 86.6

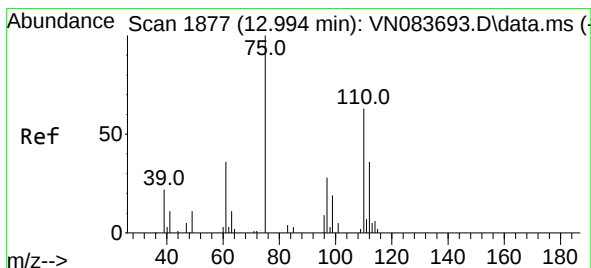
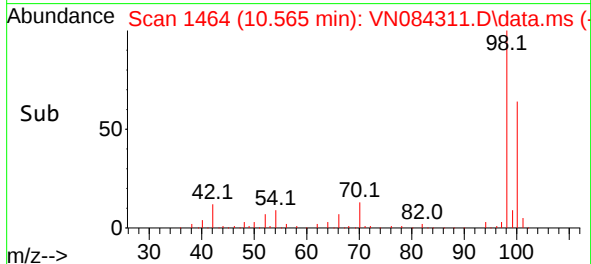
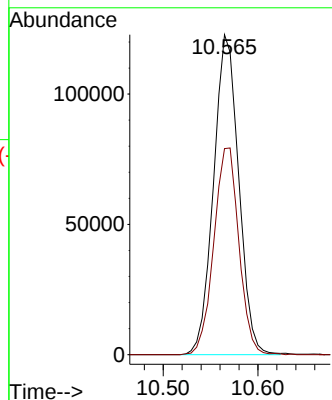
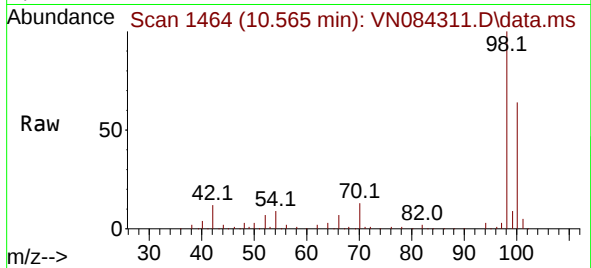




#63
Toluene-d8
Concen: 33.323 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

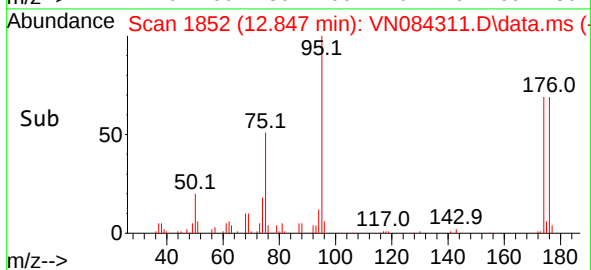
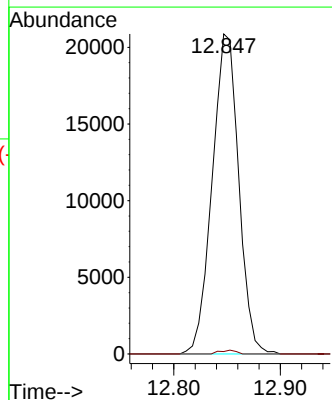
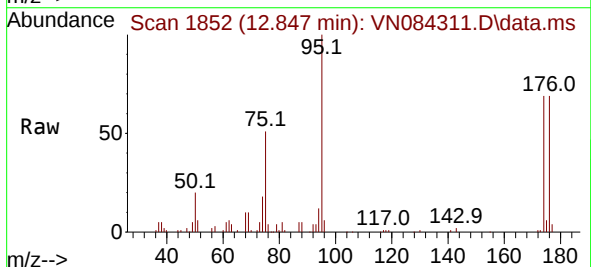
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ClientSampleId :

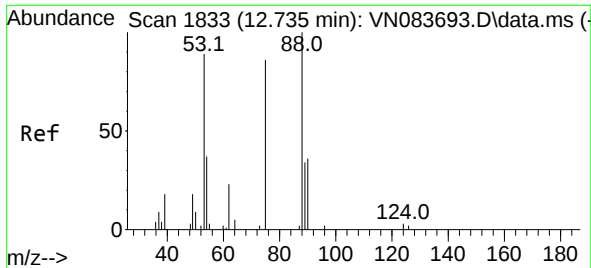
Tgt Ion: 98 Resp: 226683
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1



#72
1,2,3-Trichloropropane
Concen: 16.705 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084311.D
Acq: 04 Oct 2024 12:53

Tgt Ion: 75 Resp: 36097
Ion Ratio Lower Upper
75 100
77 0.7 0.0 367.6





#77

t-1,4-Dichloro-2-butene

Concen: 39.522 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.112 min

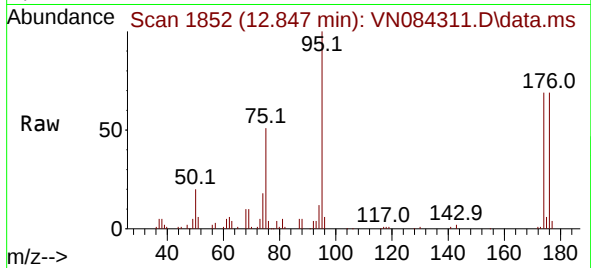
Lab File: VN084311.D

Acq: 04 Oct 2024 12:53

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75 Resp: 36097

Ion Ratio Lower Upper

75 100

53 0.0 45.9 137.7#

89 0.0 25.9 77.7#

