

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101824\
 Data File : VN084422.D
 Acq On : 18 Oct 2024 11:57
 Operator : JC\MD
 Sample : VN1018WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 19 03:49:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

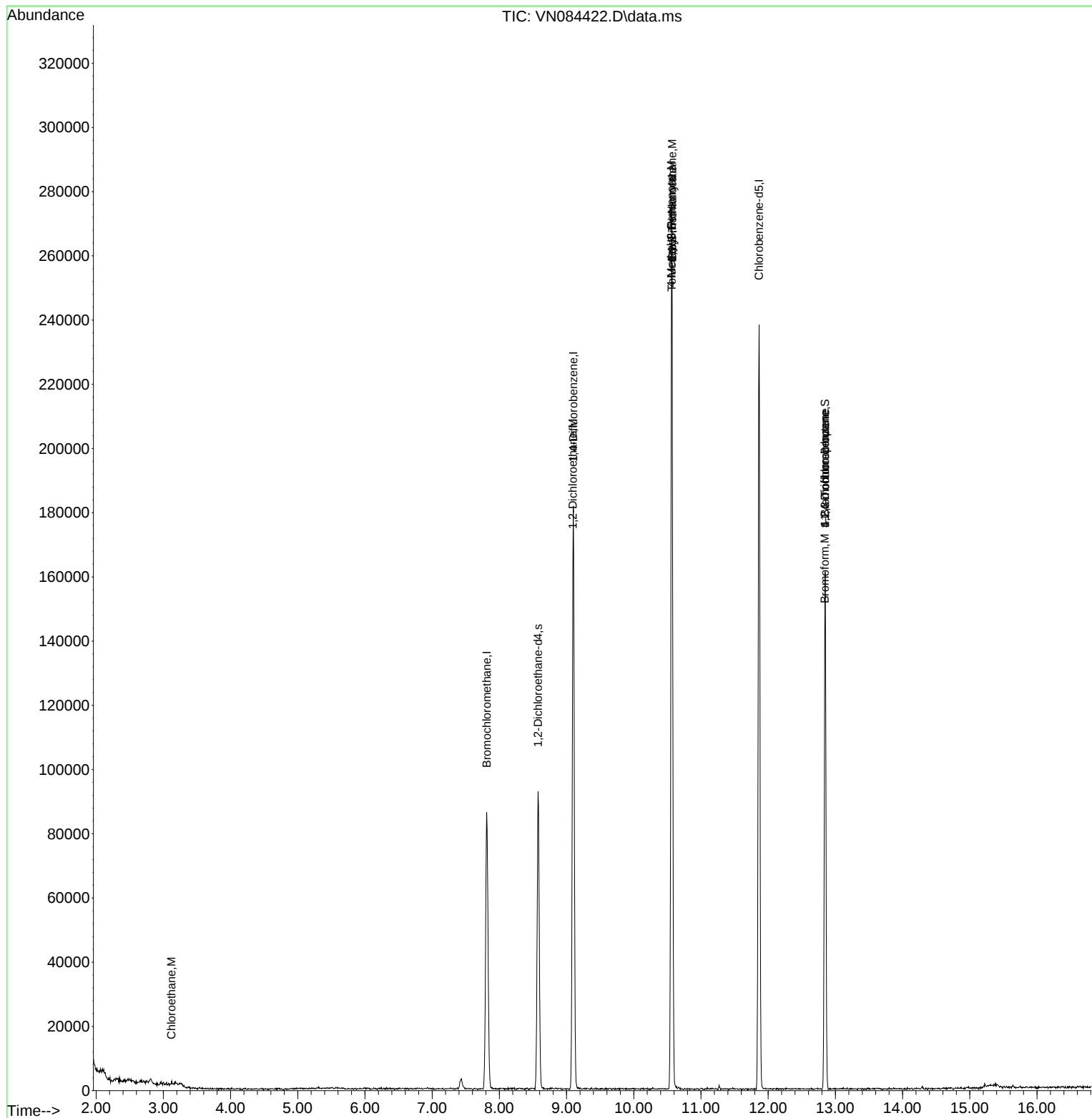
Internal Standards						
1) Bromochloromethane	7.812	128	30976	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	152682	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	139993	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	75677	30.345	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.167%
60) 4-Bromofluorobenzene	12.847	95	57640	24.947	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	83.167%
63) Toluene-d8	10.565	98	189179	29.170	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.233%
Target Compounds						
					Qvalue	
6) Chloroethane	3.118	64	348	0.252	ug/l #	40
36) 1,2-Dichloroethane	9.094	62	5385	2.059	ug/l #	75
50) 1,1,2-Trichloroethane	10.570	97	6259	3.482	ug/l #	1
51) Ethyl methacrylate	10.570	69	623	0.210	ug/l #	68
56) Bromoform	12.841	173	347	0.246	ug/l #	1
58) 4-Methyl-2-Pentanone	10.559	43	599	0.230	ug/l #	1
72) 1,2,3-Trichloropropane	12.847	75	29168	13.246	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	29168	30.997	ug/l #	12

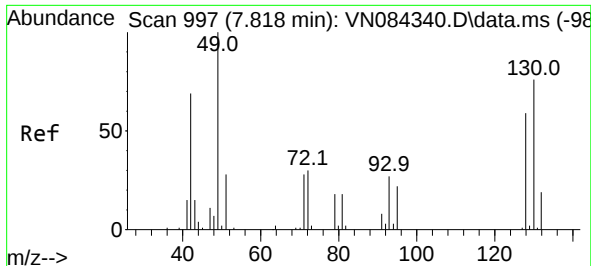
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

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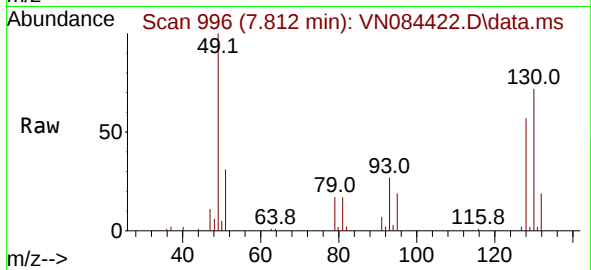
Quant Time: Oct 19 03:49:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:22:28 2024
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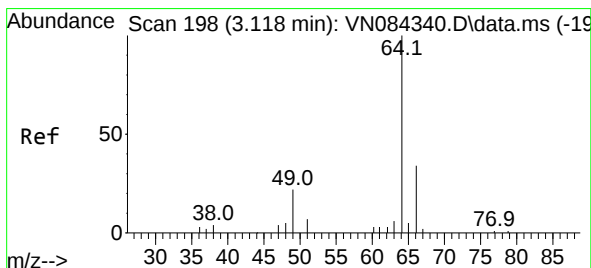
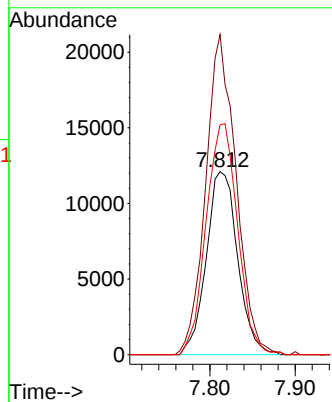
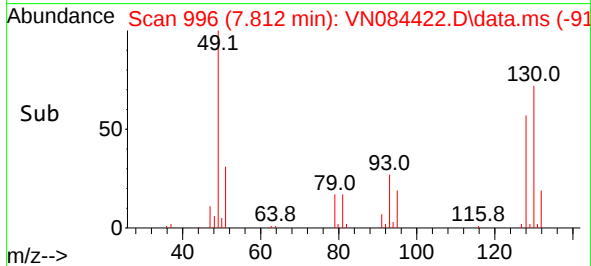


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084422.D
Acq: 18 Oct 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :

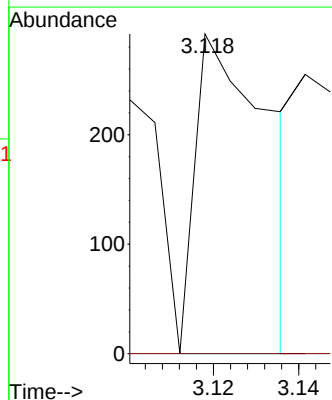
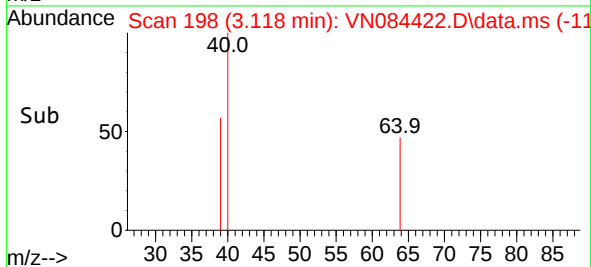
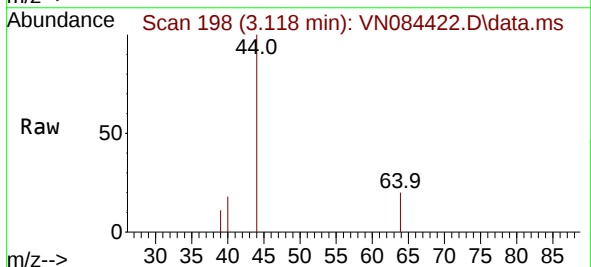


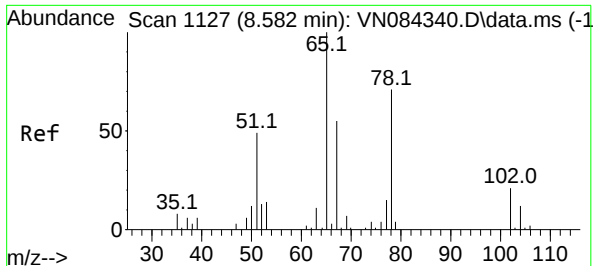
Tgt Ion:128 Resp: 30976
Ion Ratio Lower Upper
128 100
49 169.0 0.0 430.0
130 126.9 0.0 329.8



#6
Chloroethane
Concen: 0.252 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084422.D
Acq: 18 Oct 2024 11:57

Tgt Ion: 64 Resp: 348
Ion Ratio Lower Upper
64 100
66 0.0 27.7 41.5#

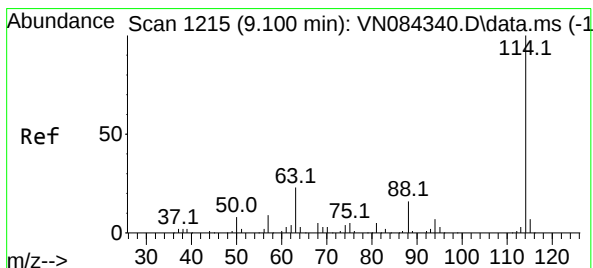
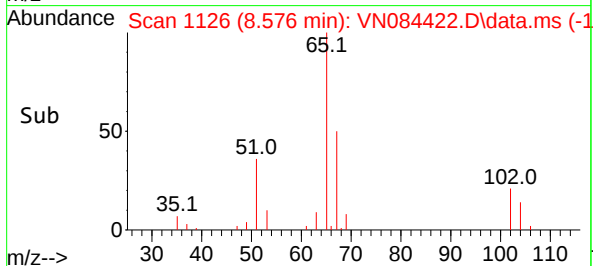
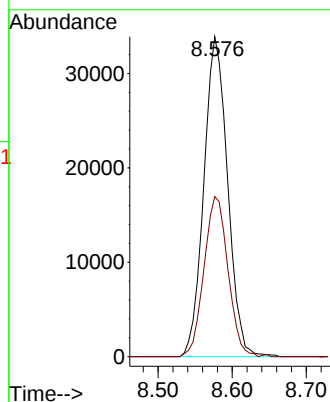
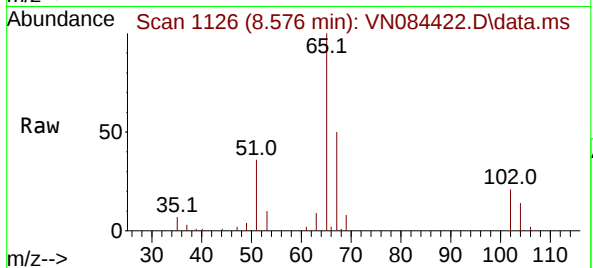




#27
 1,2-Dichloroethane-d4
 Concen: 30.345 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN084422.D
 Acq: 18 Oct 2024 11:57

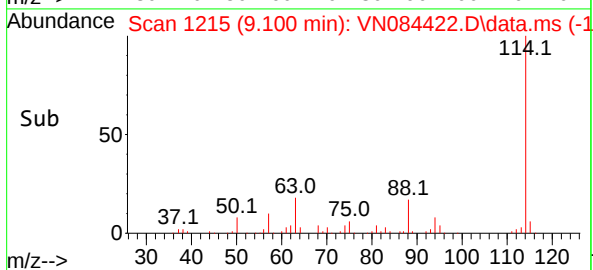
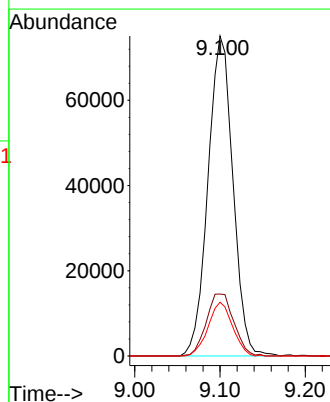
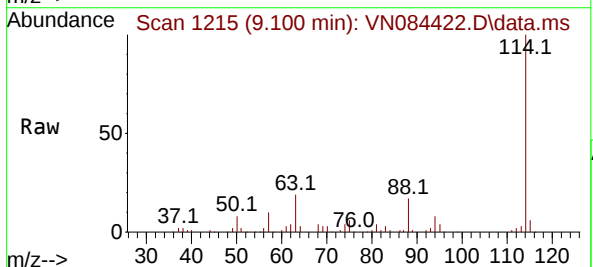
Instrument :
 MSVOA_N
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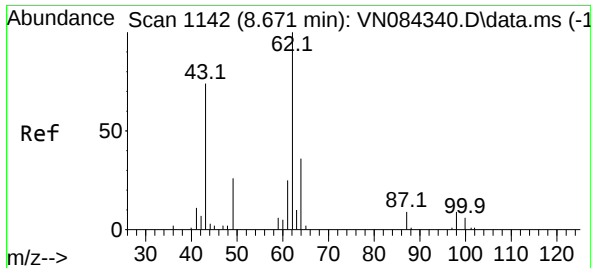
Tgt Ion: 65 Resp: 75677
 Ion Ratio Lower Upper
 65 100
 67 50.4 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084422.D
 Acq: 18 Oct 2024 11:57

Tgt Ion: 114 Resp: 152682
 Ion Ratio Lower Upper
 114 100
 63 21.3 17.4 26.0
 88 16.4 13.2 19.8

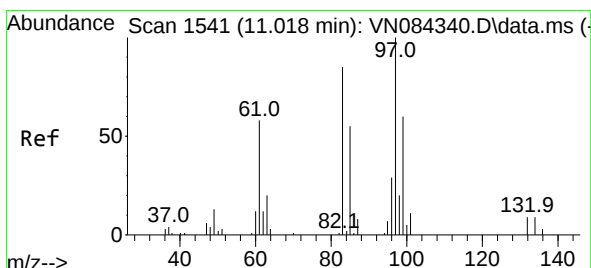
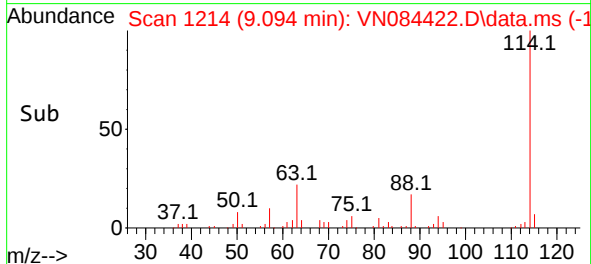
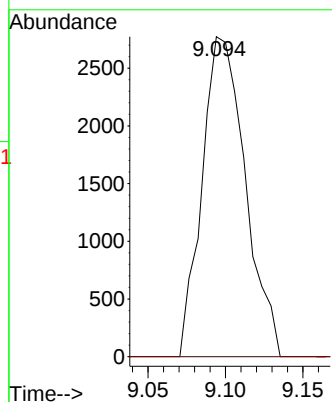
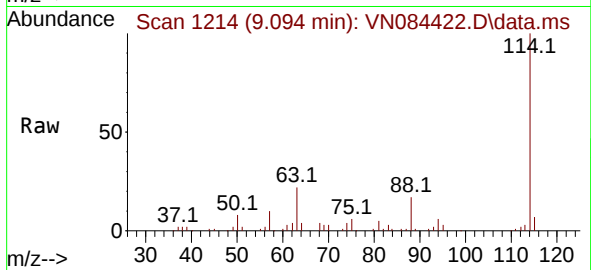




#36
1,2-Dichloroethane
Concen: 2.059 ug/l
RT: 9.094 min Scan# 1142
Delta R.T. 0.423 min
Lab File: VN084422.D
Acq: 18 Oct 2024 11:57

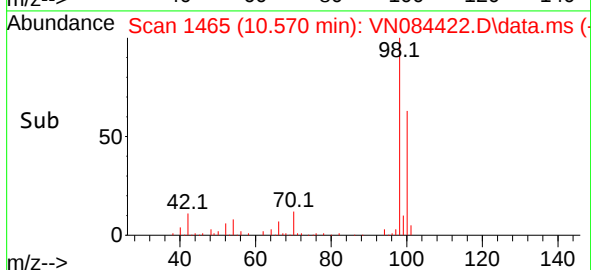
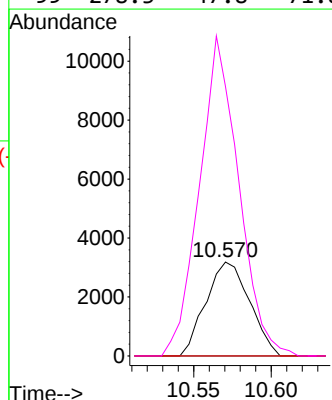
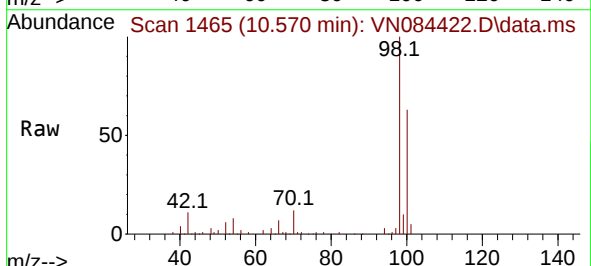
Instrument :
MSVOA_N
ClientSampleId :

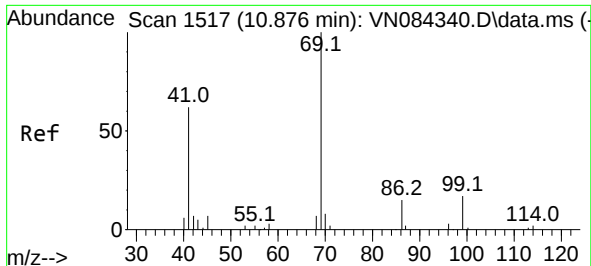
Tgt Ion: 62 Resp: 5385
Ion Ratio Lower Upper
62 100
98 0.0 7.3 10.9#



#50
1,1,2-Trichloroethane
Concen: 3.482 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.447 min
Lab File: VN084422.D
Acq: 18 Oct 2024 11:57

Tgt Ion: 97 Resp: 6259
Ion Ratio Lower Upper
97 100
83 0.0 67.8 101.8#
85 0.0 44.2 66.2#
99 278.3 47.8 71.8#

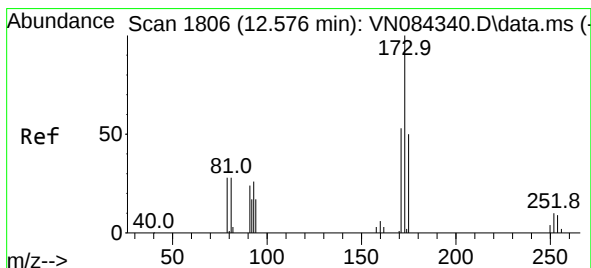
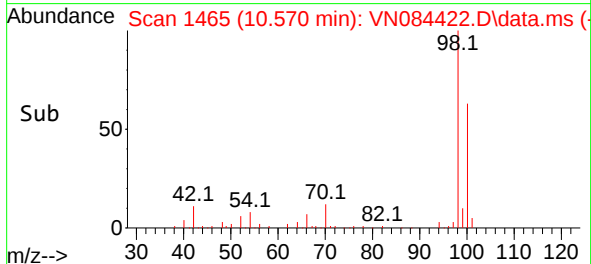
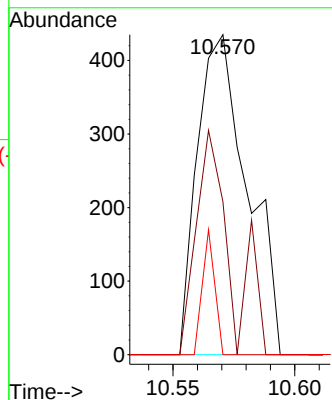
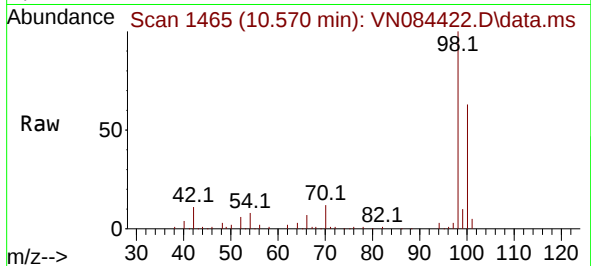




#51
Ethyl methacrylate
Concen: 0.210 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.306 min
Lab File: VN084422.D
Acq: 18 Oct 2024 11:57

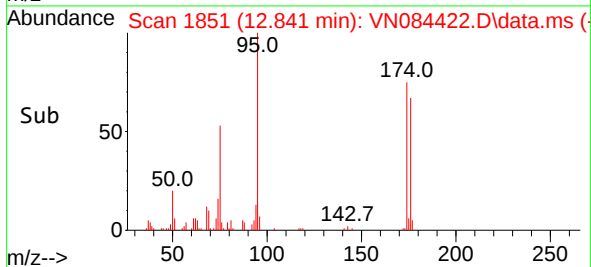
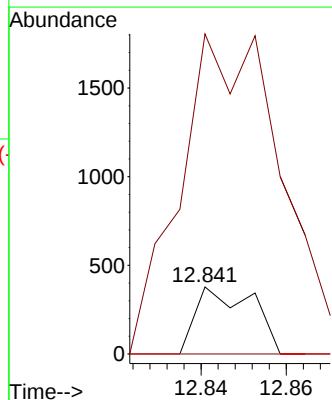
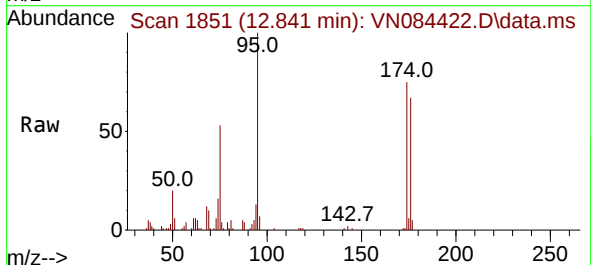
Instrument :
MSVOA_N
ClientSampleId :

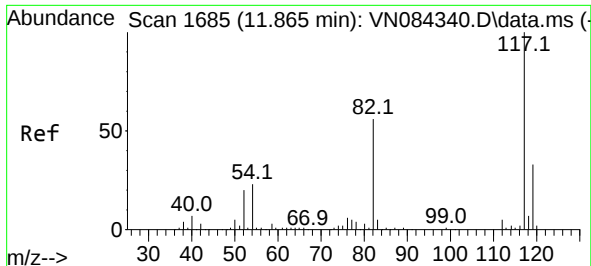
Tgt Ion: 69 Resp: 623
Ion Ratio Lower Upper
69 100
41 47.8 30.9 92.7
39 0.0 16.6 49.7#



#56
Bromoform
Concen: 0.246 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084422.D
Acq: 18 Oct 2024 11:57

Tgt Ion:173 Resp: 347
Ion Ratio Lower Upper
173 100
175 853.6 39.4 59.2#
254 0.0 6.8 10.2#

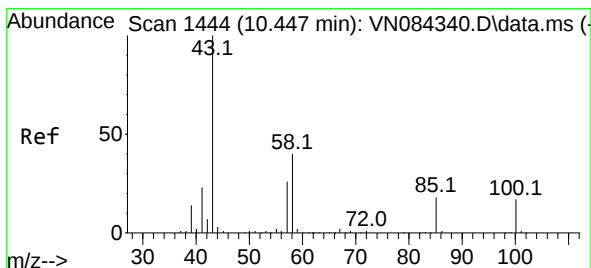
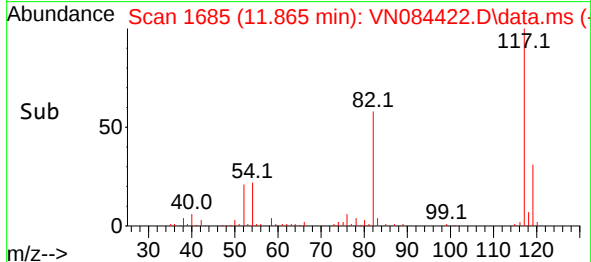
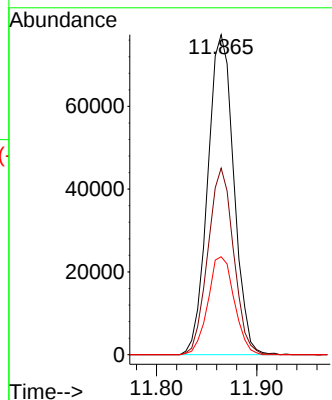
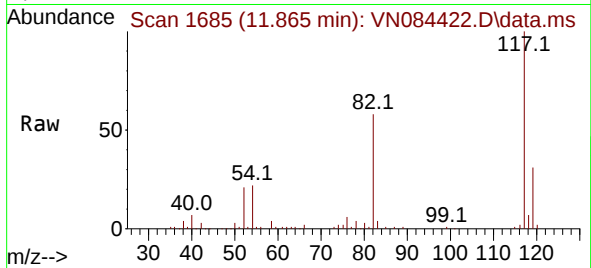




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084422.D
Acq: 18 Oct 2024 11:57

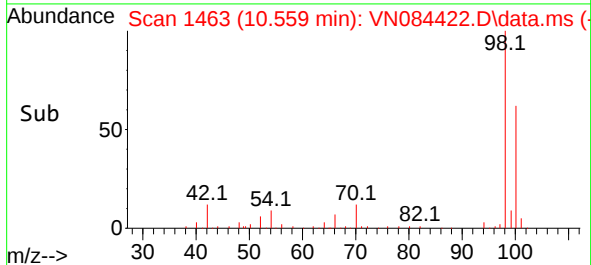
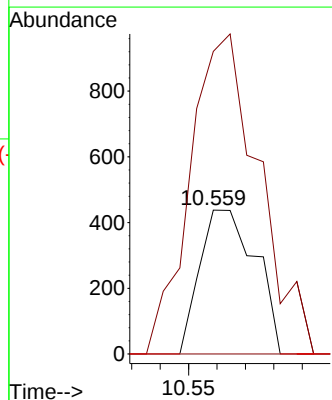
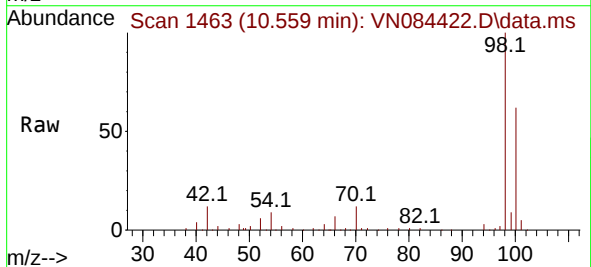
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MSVOA_N
ClientSampleId :

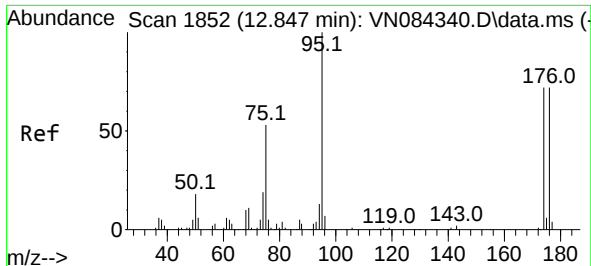
Tgt Ion:117 Resp: 139993
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 30.9 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 0.230 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.112 min
Lab File: VN084422.D
Acq: 18 Oct 2024 11:57

Tgt Ion: 43 Resp: 599
Ion Ratio Lower Upper
43 100
58 274.5 31.9 47.9#
85 0.0 14.6 22.0#

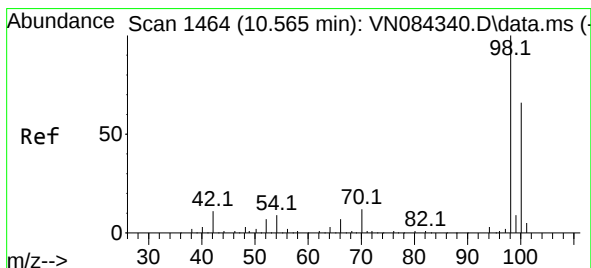
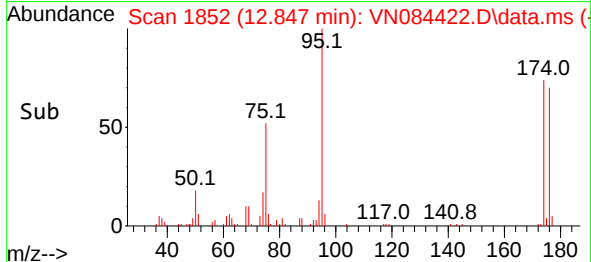
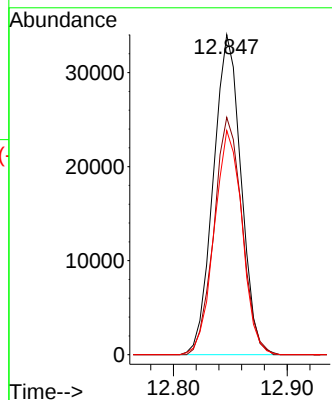
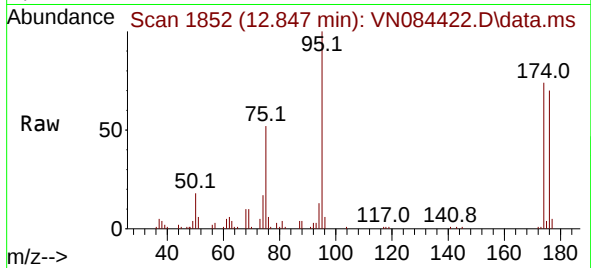




#60
4-Bromofluorobenzene
Concen: 24.947 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084422.D
Acq: 18 Oct 2024 11:57

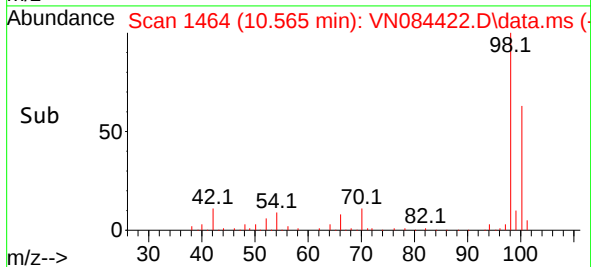
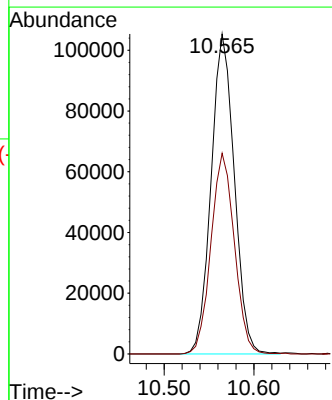
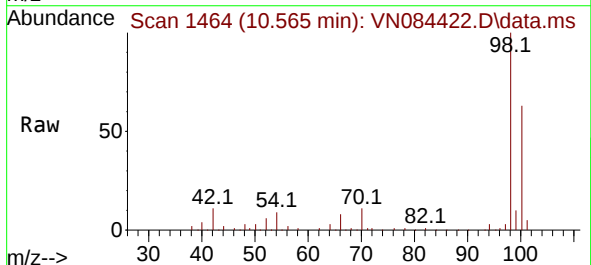
Instrument :
MSVOA_N
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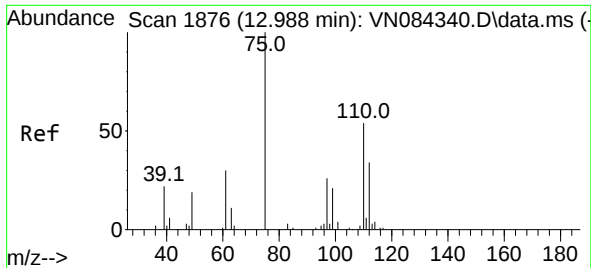
Tgt Ion: 95 Resp: 57640
Ion Ratio Lower Upper
95 100
174 75.3 58.2 87.2
176 70.9 56.4 84.6



#63
Toluene-d8
Concen: 29.170 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084422.D
Acq: 18 Oct 2024 11:57

Tgt Ion: 98 Resp: 189179
Ion Ratio Lower Upper
98 100
100 63.3 52.5 78.7

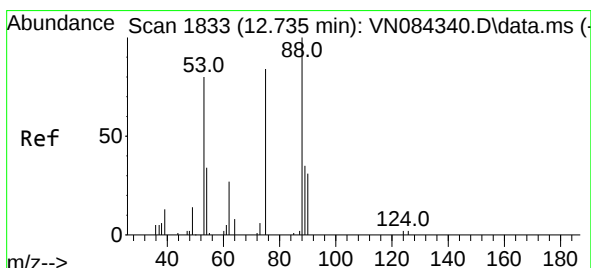
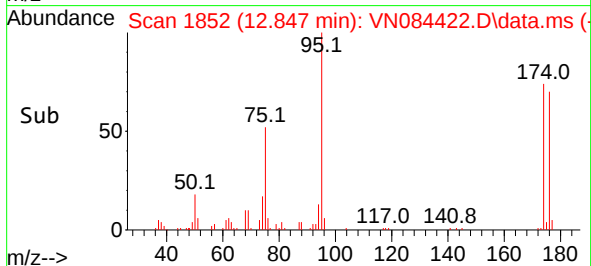
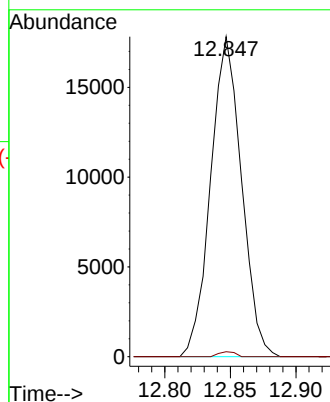
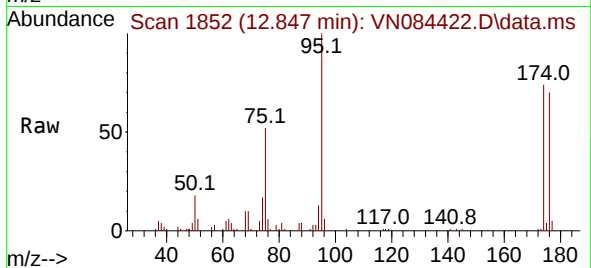




#72
1,2,3-Trichloropropane
Concen: 13.246 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084422.D
Acq: 18 Oct 2024 11:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 29168
Ion Ratio Lower Upper
75 100
77 0.8 0.0 414.0



#77
t-1,4-Dichloro-2-butene
Concen: 30.997 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084422.D
Acq: 18 Oct 2024 11:57

Tgt Ion: 75 Resp: 29168
Ion Ratio Lower Upper
75 100
53 0.0 47.3 142.0#
89 0.0 22.9 68.8#

