

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084373.D
 Acq On : 09 Oct 2024 17:32
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 10 01:24:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

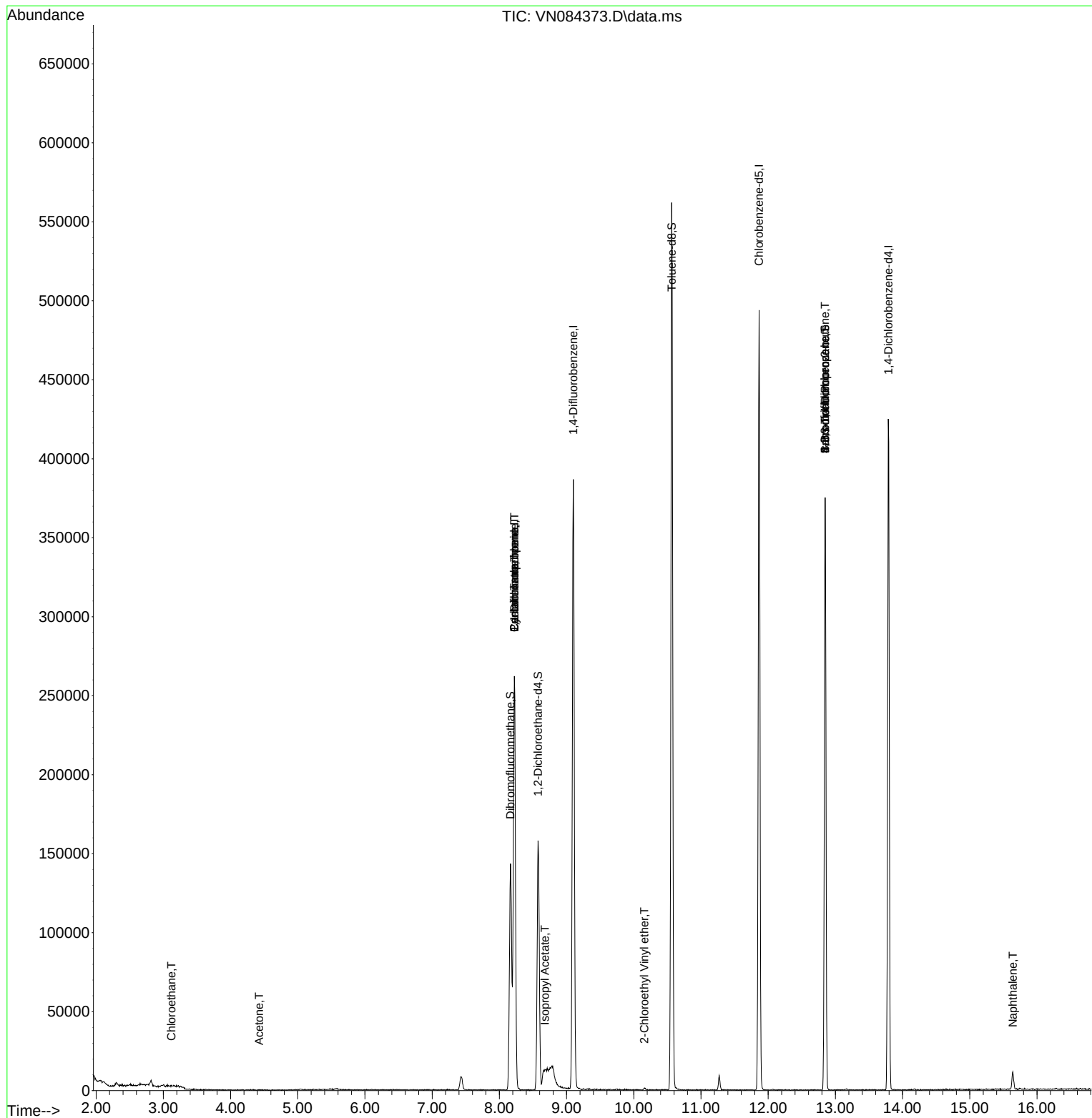
Internal Standards						
1) Pentafluorobenzene	8.224	168	184967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	328396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131122	47.811	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.620%		
35) Dibromofluoromethane	8.165	113	104347	48.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.400%		
50) Toluene-d8	10.565	98	383003	48.084	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.160%		
62) 4-Bromofluorobenzene	12.847	95	132250	45.575	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.140%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.118	64	415	0.239	ug/l #	45
16) Acetone	4.424	43	359	0.305	ug/l #	44
31) Cyclohexane	8.224	56	4345	1.070	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15936	5.068	ug/l #	49
38) Carbon Tetrachloride	8.224	117	19720	5.717	ug/l #	15
43) Isopropyl Acetate	8.677	43	12899	2.041	ug/l #	56
58) 2-Chloroethyl Vinyl ether	10.159	63	742	0.454	ug/l #	48
71) Bromoform	12.847	173	695	0.451	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	69610	30.450	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69610	73.002	ug/l #	11
95) Naphthalene	15.641	128	11302	1.826	ug/l	99

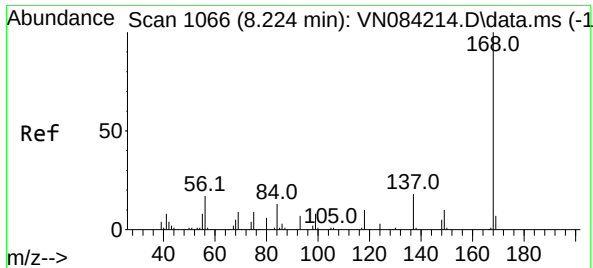
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

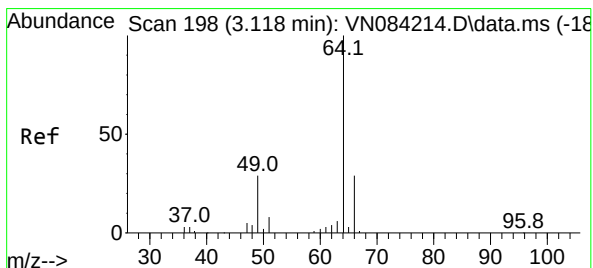
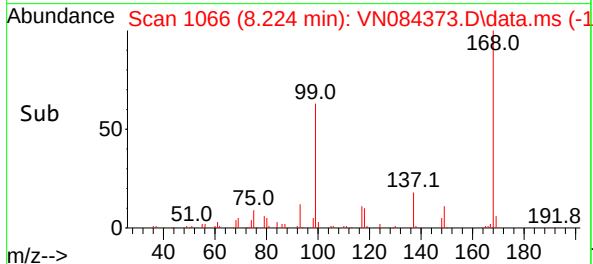
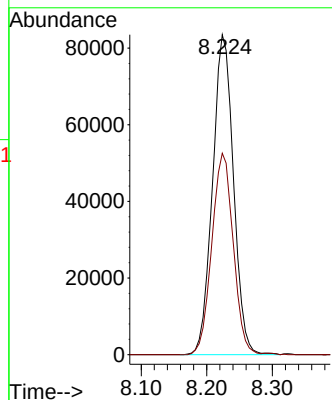
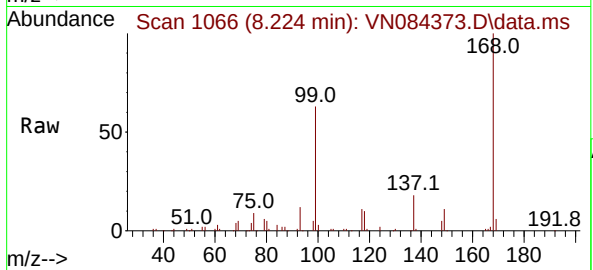




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084373.D
Acq: 09 Oct 2024 17:32

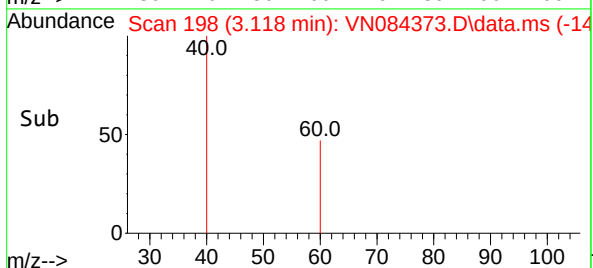
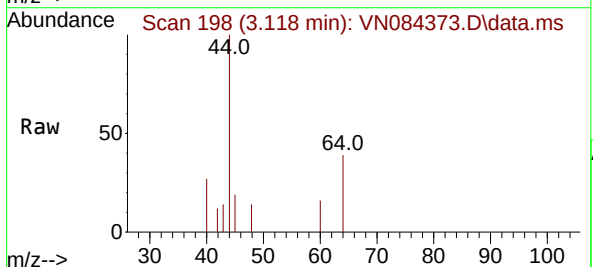
Instrument :
MSVOA_N
ClientSampleId :

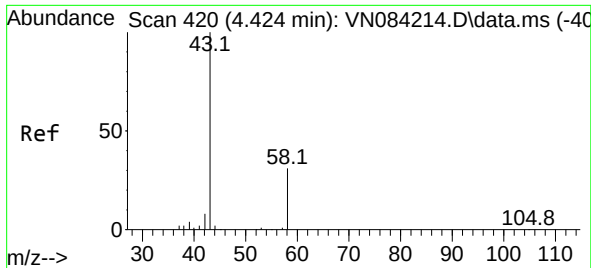
Tgt Ion:168 Resp: 184967
Ion Ratio Lower Upper
168 100
99 63.0 54.2 81.2



#6
Chloroethane
Concen: 0.239 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN084373.D
Acq: 09 Oct 2024 17:32

Tgt Ion: 64 Resp: 415
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

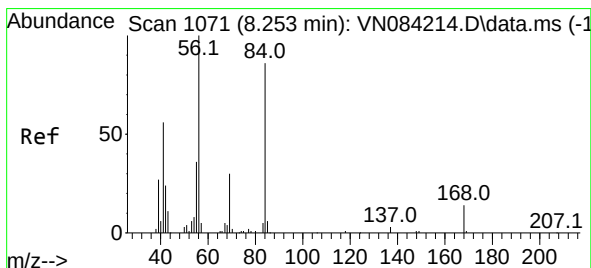
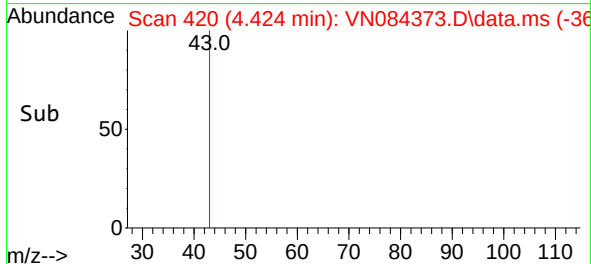
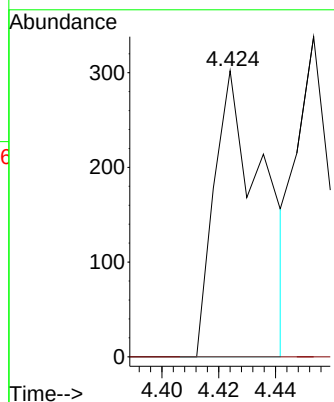
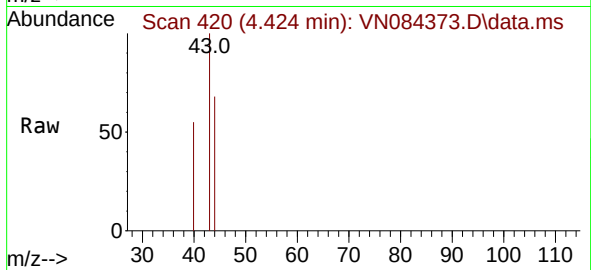




#16
Acetone
Concen: 0.305 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN084373.D
Acq: 09 Oct 2024 17:32

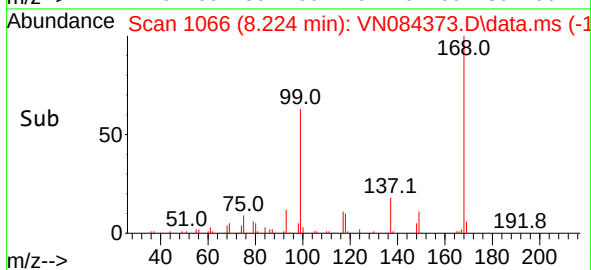
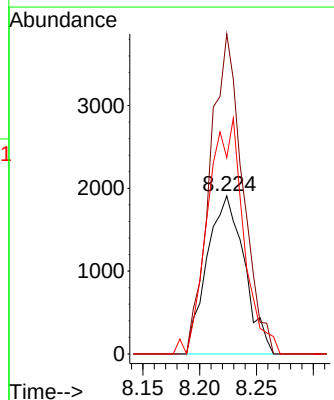
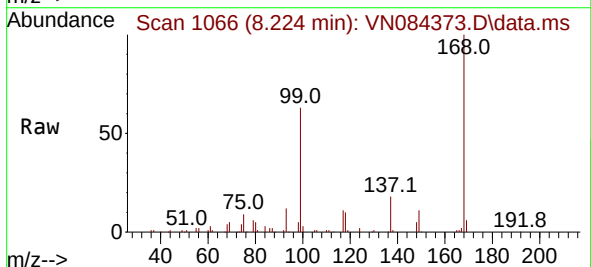
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MSVOA_N
ClientSampleId :

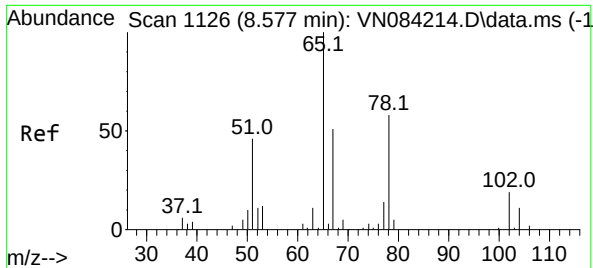
Tgt Ion: 43 Resp: 359
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.070 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084373.D
Acq: 09 Oct 2024 17:32

Tgt Ion: 56 Resp: 4345
Ion Ratio Lower Upper
56 100
69 202.5 23.8 35.6#
84 124.2 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 47.811 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084373.D

Acq: 09 Oct 2024 17:32

Instrument :

MSVOA_N

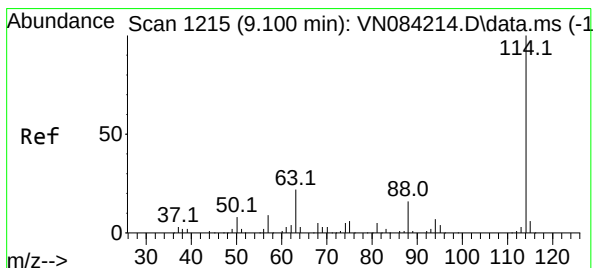
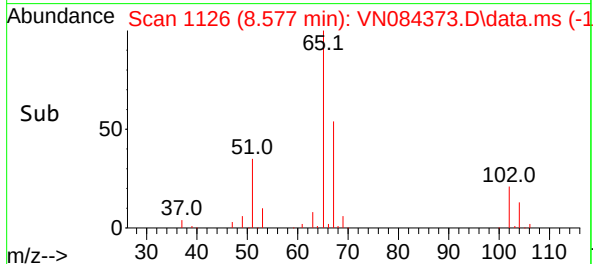
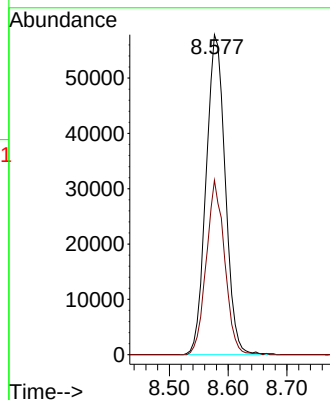
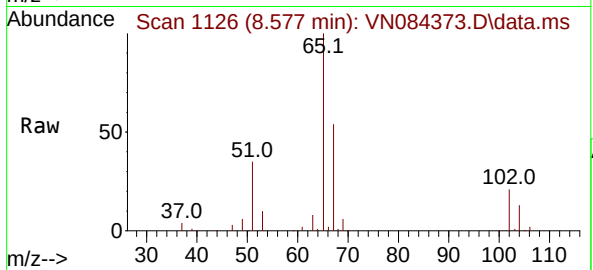
ClientSampleId :

Tgt Ion: 65 Resp: 131122

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084373.D

Acq: 09 Oct 2024 17:32

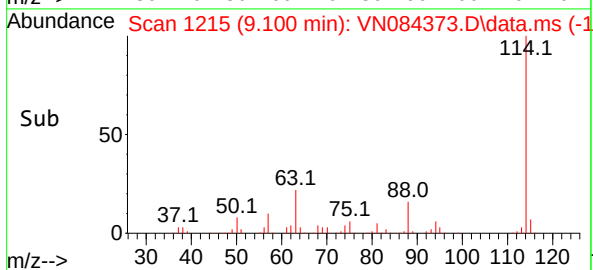
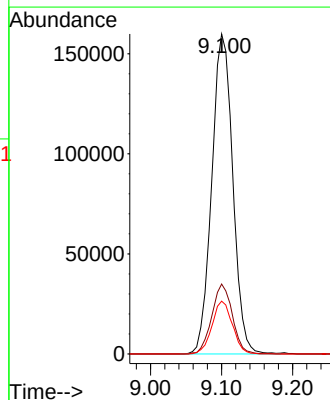
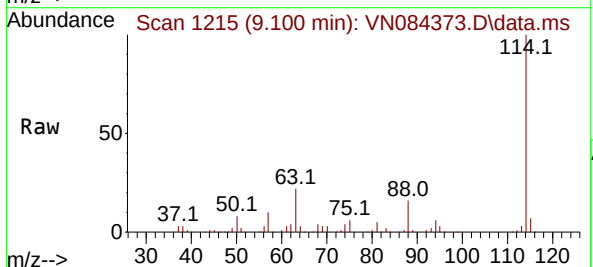
Tgt Ion: 114 Resp: 328396

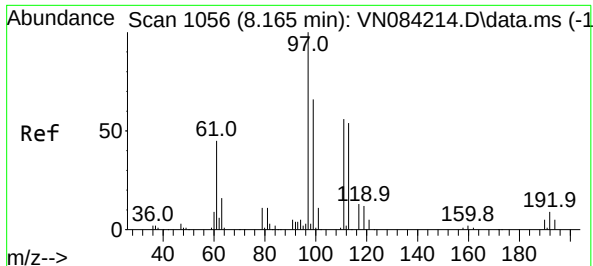
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

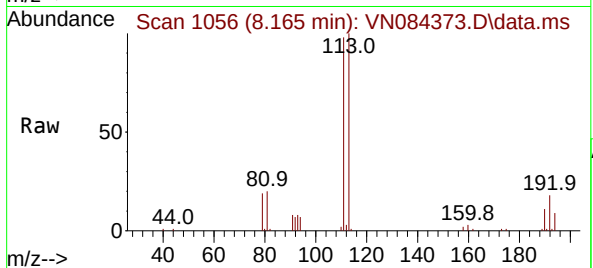
88 16.5 0.0 31.6



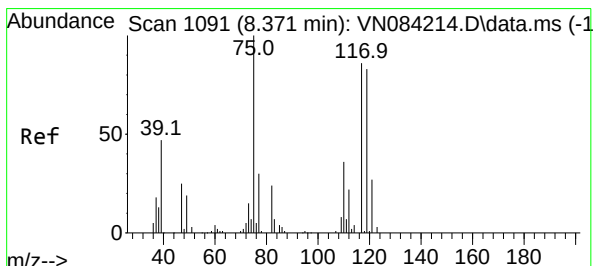
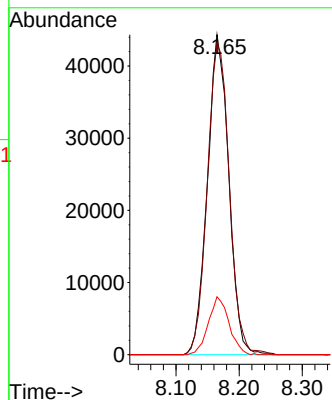
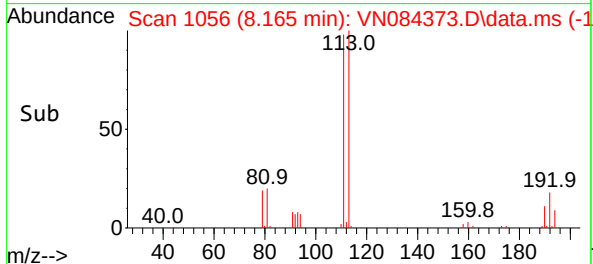


#35
Dibromofluoromethane
Concen: 48.197 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084373.D
Acq: 09 Oct 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :

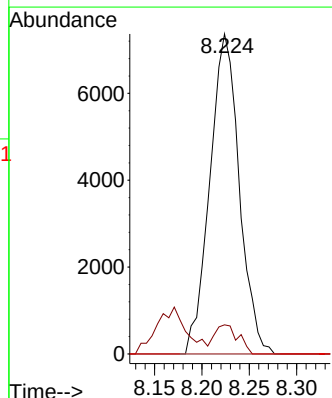
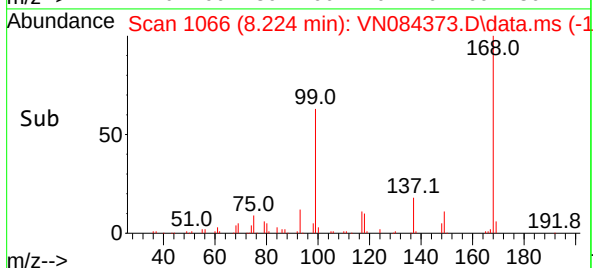
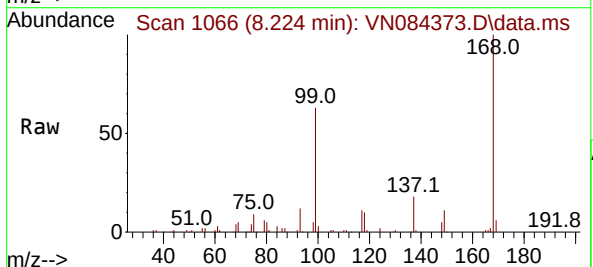


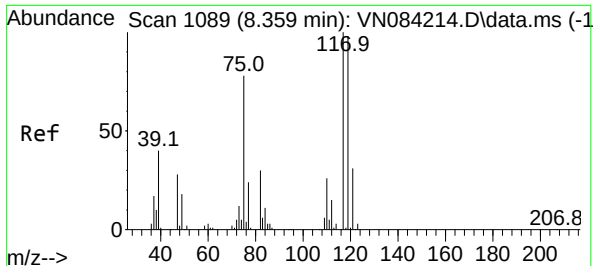
Tgt Ion:113 Resp: 104347
Ion Ratio Lower Upper
113 100
111 100.7 83.3 124.9
192 17.5 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.068 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084373.D
Acq: 09 Oct 2024 17:32

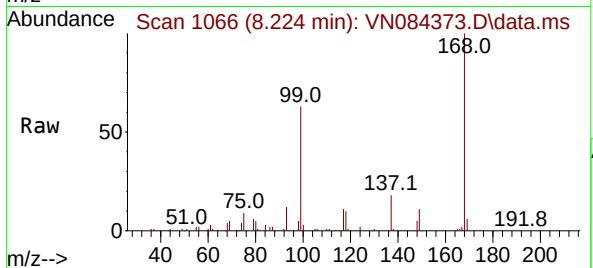
Tgt Ion: 75 Resp: 15936
Ion Ratio Lower Upper
75 100
110 7.3 16.9 50.7#
77 0.0 24.7 37.1#



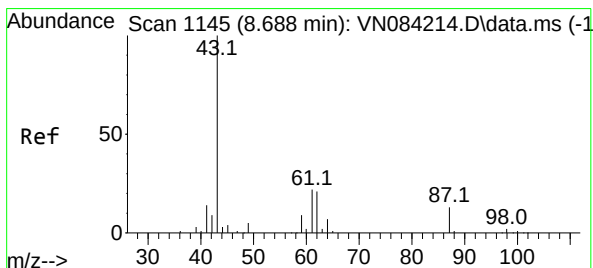
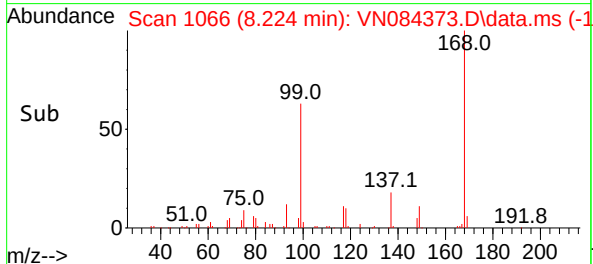
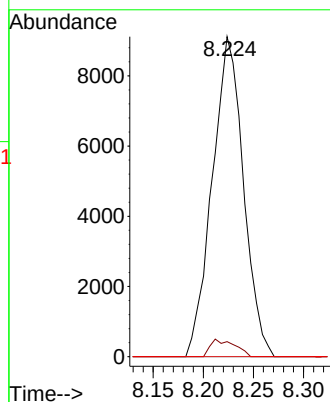


#38
Carbon Tetrachloride
Concen: 5.717 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN084373.D
Acq: 09 Oct 2024 17:32

Instrument :
MSVOA_N
ClientSampleId :

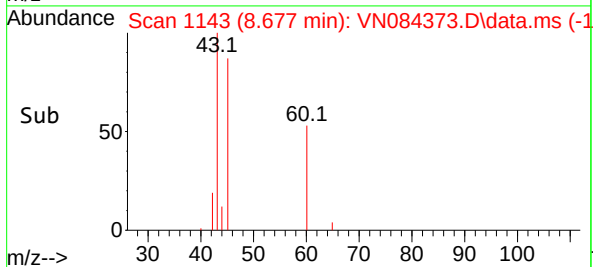
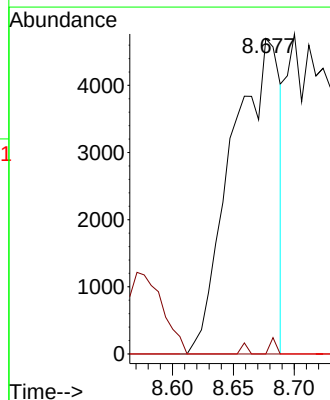
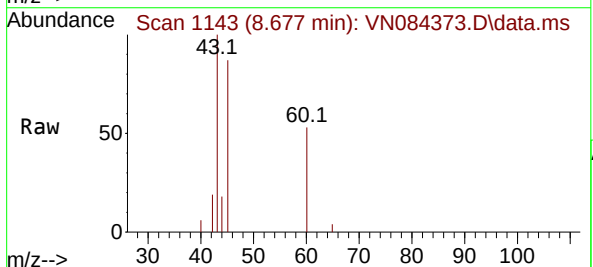


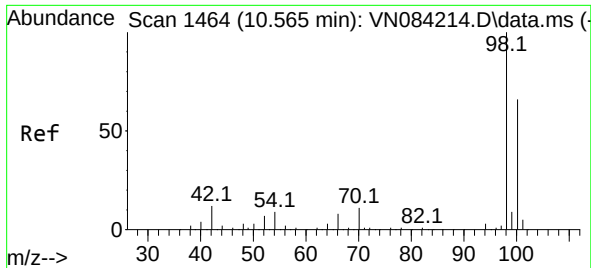
Tgt Ion:117 Resp: 19720
Ion Ratio Lower Upper
117 100
119 4.7 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 2.041 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN084373.D
Acq: 09 Oct 2024 17:32

Tgt Ion: 43 Resp: 12899
Ion Ratio Lower Upper
43 100
61 0.7 20.4 30.6#
87 0.0 10.3 15.5#

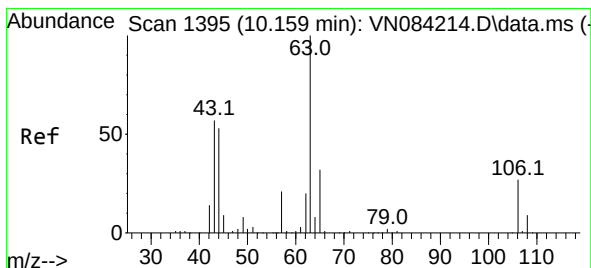
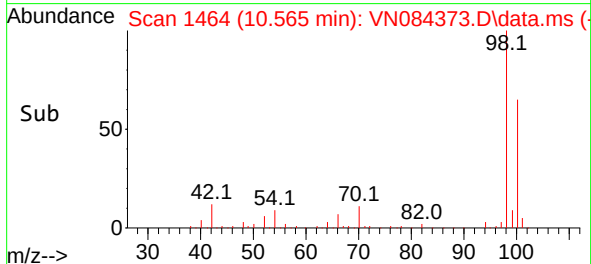
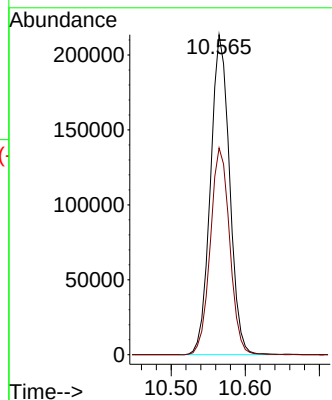
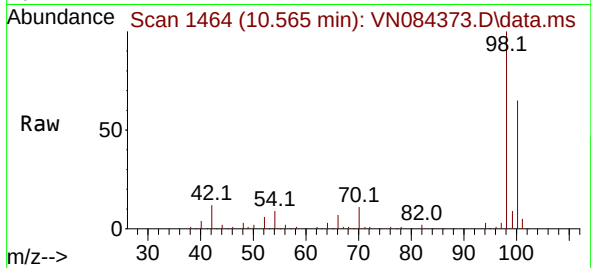




#50
Toluene-d8
Concen: 48.084 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084373.D
Acq: 09 Oct 2024 17:32

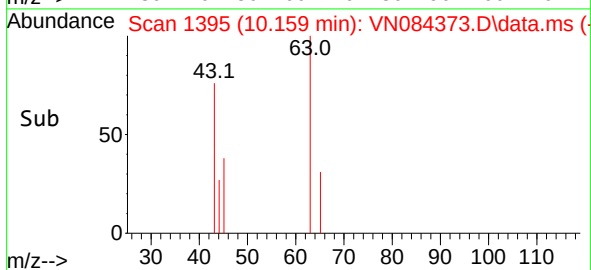
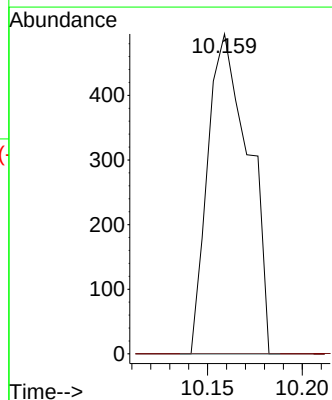
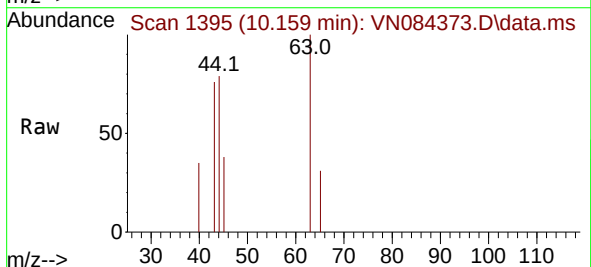
Instrument :
MSVOA_N
ClientSampleId :

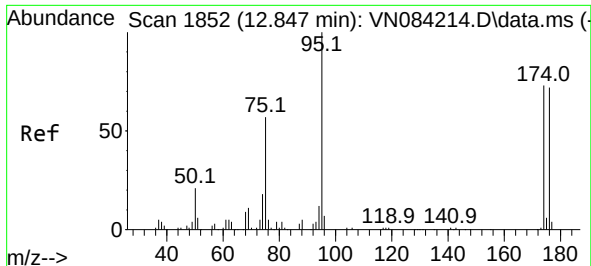
Tgt Ion: 98 Resp: 383003
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#58
2-Chloroethyl Vinyl ether
Concen: 0.454 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084373.D
Acq: 09 Oct 2024 17:32

Tgt Ion: 63 Resp: 742
Ion Ratio Lower Upper
63 100
106 0.0 21.8 32.6#

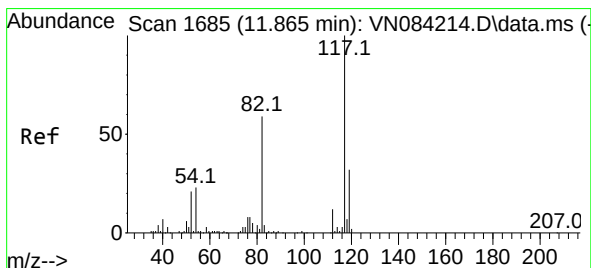
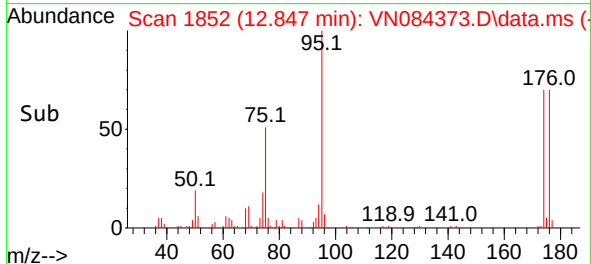
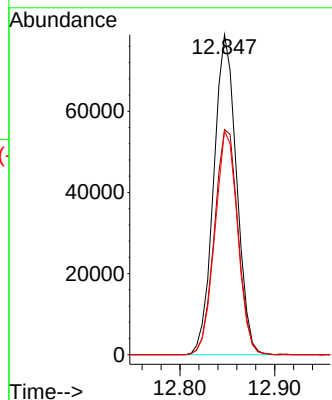
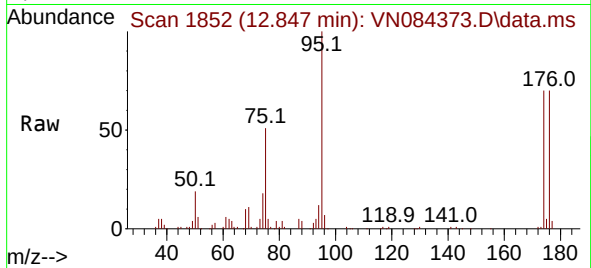




#62
4-Bromofluorobenzene
Concen: 45.575 ug/l
RT: 12.847 min Scan# 1185
Delta R.T. 0.000 min
Lab File: VN084373.D
Acq: 09 Oct 2024 17:32

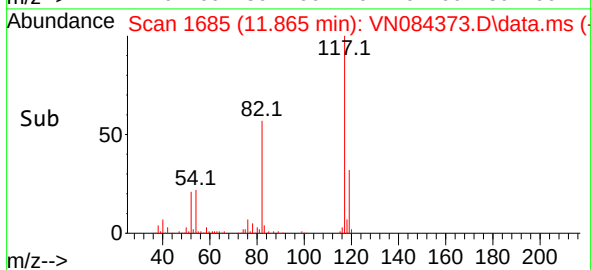
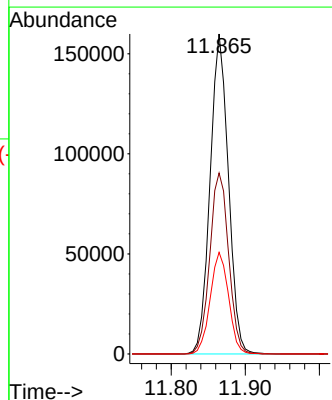
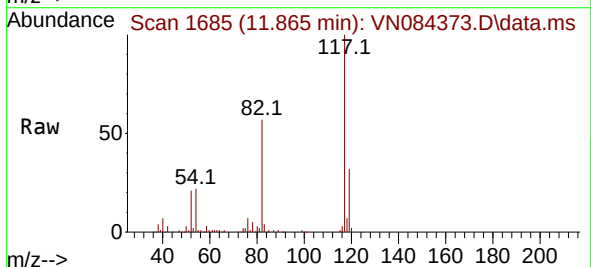
Instrument :
MSVOA_N
ClientSampleId :

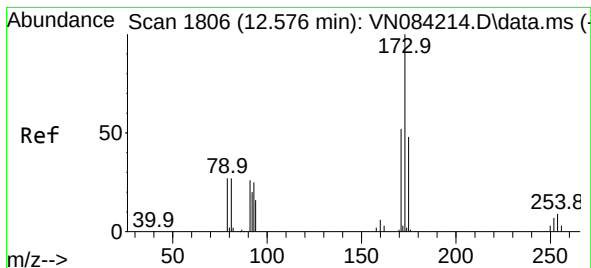
Tgt Ion: 95 Resp: 132250
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.2
176 69.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084373.D
Acq: 09 Oct 2024 17:32

Tgt Ion: 117 Resp: 274145
Ion Ratio Lower Upper
117 100
82 56.6 47.2 70.8
119 31.7 25.4 38.0





#71

Bromoform

Concen: 0.451 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

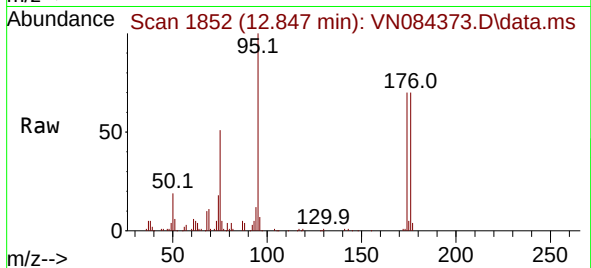
Lab File: VN084373.D

Acq: 09 Oct 2024 17:32

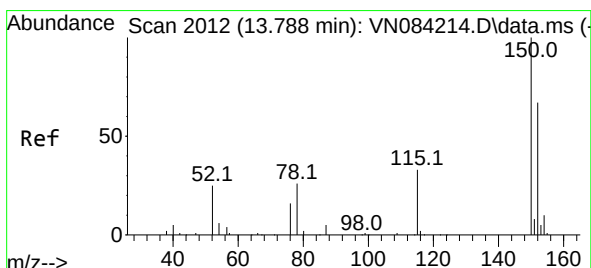
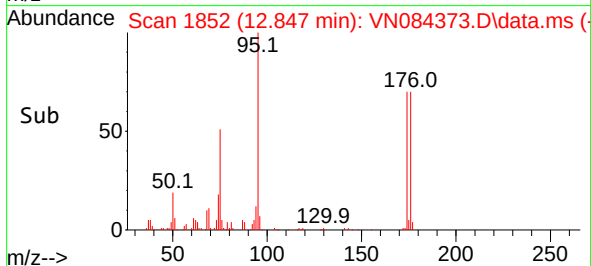
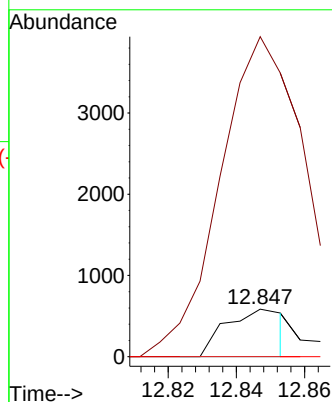
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	695
Ion Ratio	Lower	Upper	
173	100		
175	739.1	23.5	70.6#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

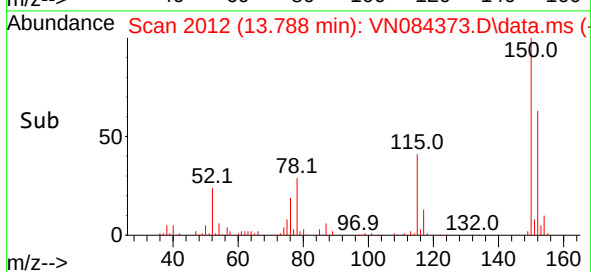
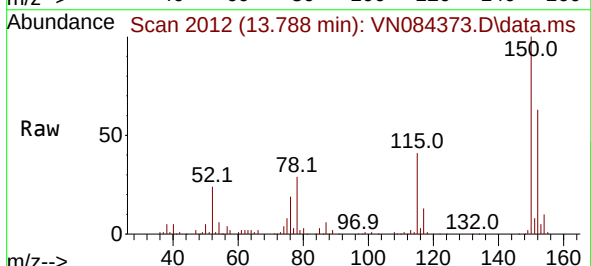
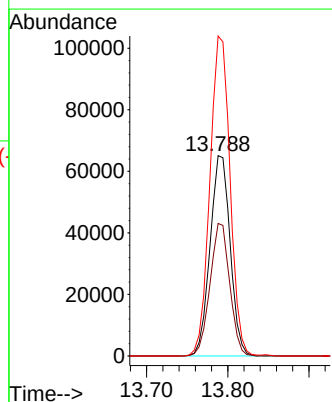
RT: 13.788 min Scan# 2012

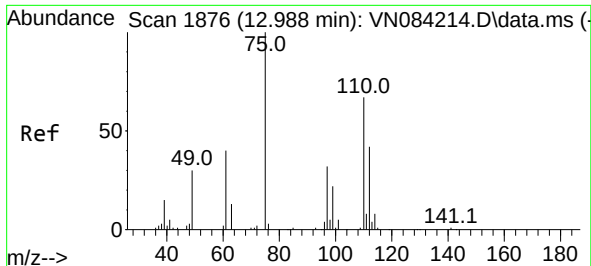
Delta R.T. 0.000 min

Lab File: VN084373.D

Acq: 09 Oct 2024 17:32

Tgt Ion:	152	Resp:	111978
Ion Ratio	Lower	Upper	
152	100		
115	64.6	31.3	93.9
150	159.9	0.0	349.8

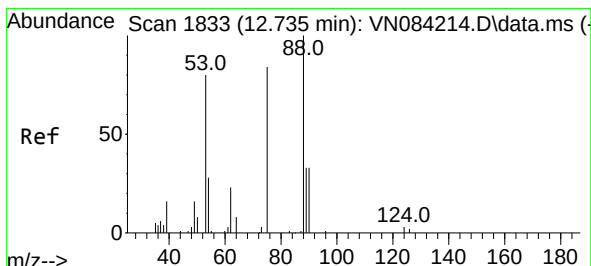
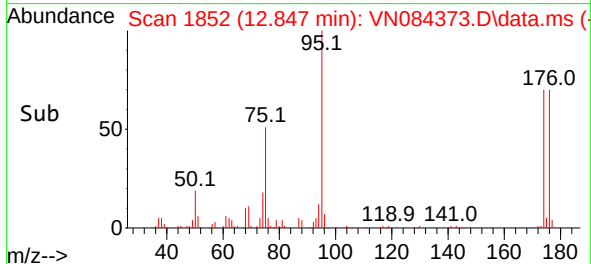
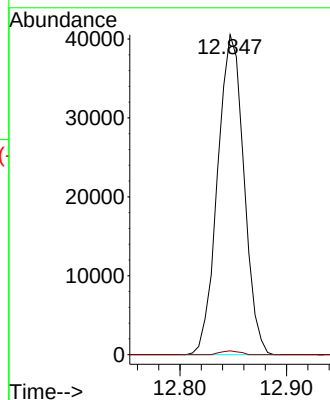
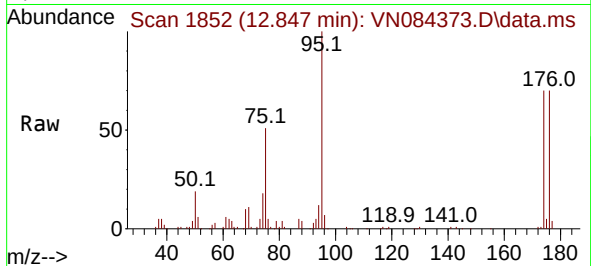




#76
1,2,3-Trichloropropane
Concen: 30.450 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084373.D
Acq: 09 Oct 2024 17:32

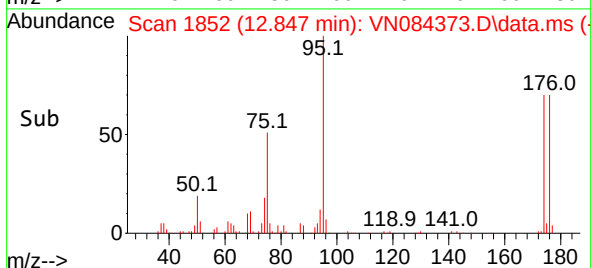
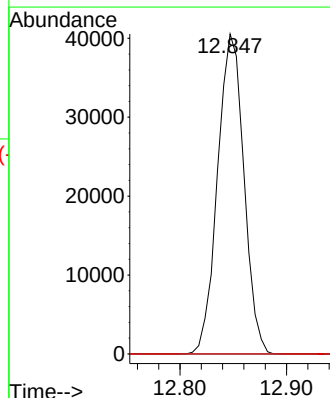
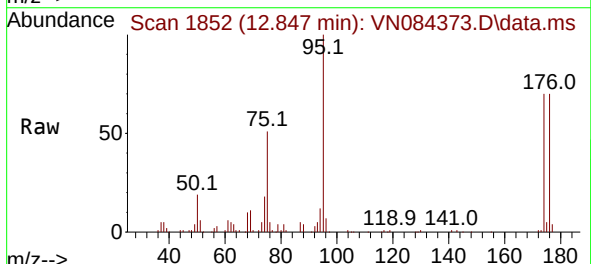
Instrument :
MSVOA_N
ClientSampleId :

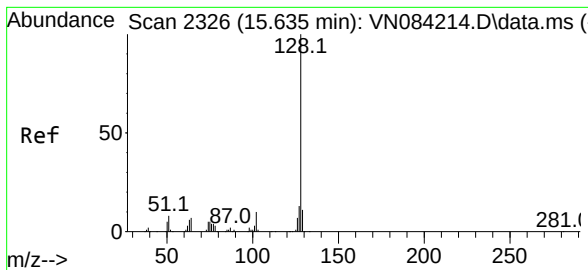
Tgt Ion: 75 Resp: 69610
Ion Ratio Lower Upper
75 100
77 0.9 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.002 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084373.D
Acq: 09 Oct 2024 17:32

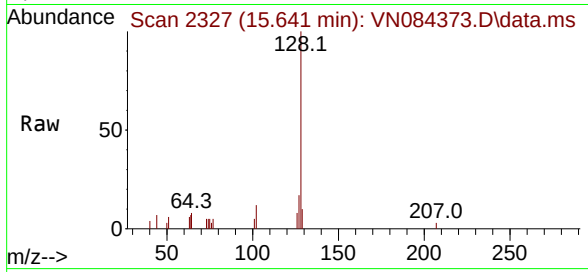
Tgt Ion: 75 Resp: 69610
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#95
 Naphthalene
 Concen: 1.826 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084373.D
 Acq: 09 Oct 2024 17:32

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	11302
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.5	8.7	13.1

