

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084280.D
 Acq On : 02 Oct 2024 21:21
 Operator : JC\MD
 Sample : P4226-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP08-20240924

Quant Time: Oct 03 02:06:11 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)

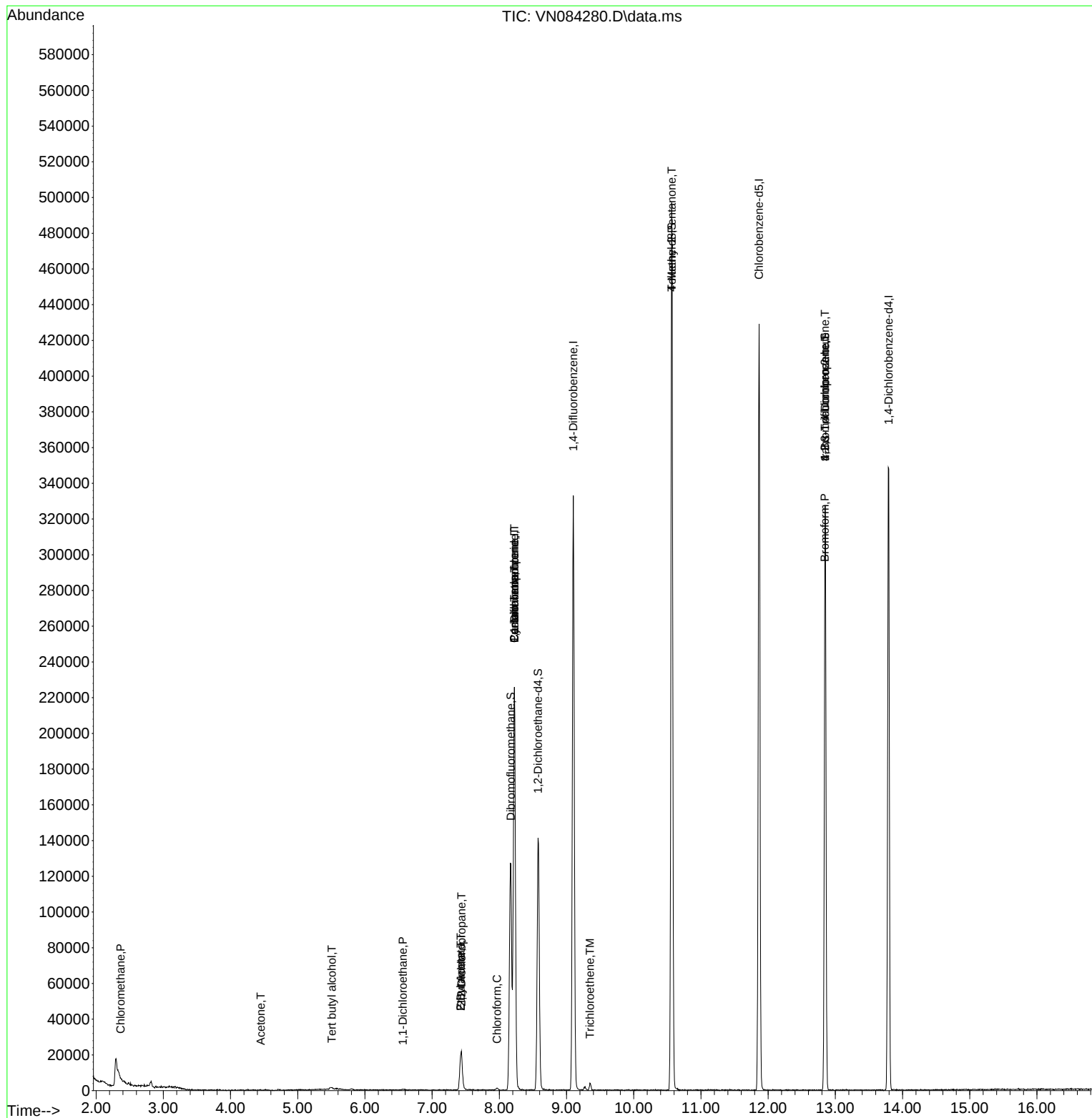
Internal Standards						
1) Pentafluorobenzene	8.224	168	157969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119075	50.839	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.680%			
35) Dibromofluoromethane	8.171	113	93529	51.248	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.500%			
50) Toluene-d8	10.565	98	339180	50.514	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.020%			
62) 4-Bromofluorobenzene	12.847	95	116223	47.512	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.020%			
Target Compounds					Qvalue	
3) Chloromethane	2.365	50	603	0.283	ug/l #	41
11) Tert butyl alcohol	5.506	59	592	1.533	ug/l #	73
16) Acetone	4.448	43	293	0.291	ug/l #	44
24) 1,1-Dichloroethane	6.565	63	898	0.251	ug/l #	83
25) 2-Butanone	7.424	43	903	0.659	ug/l #	48
26) 2,2-Dichloropropane	7.436	77	1688	0.524	ug/l #	54
30) Chloroform	7.965	83	1229	0.331	ug/l	98
31) Cyclohexane	8.224	56	3528	1.017	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14113	5.324	ug/l #	50
37) Ethyl Acetate	7.424	43	903	0.332	ug/l #	1
38) Carbon Tetrachloride	8.224	117	17230	5.925	ug/l #	15
44) Trichloroethene	9.347	130	1354	0.702	ug/l	78
51) 4-Methyl-2-Pentanone	10.565	43	1305	0.504	ug/l #	1
71) Bromoform	12.841	173	440	0.326	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	60766	31.028	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60766	74.388	ug/l #	11

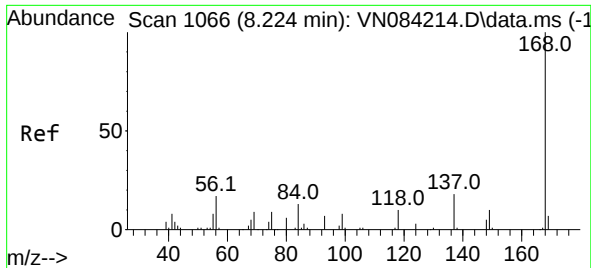
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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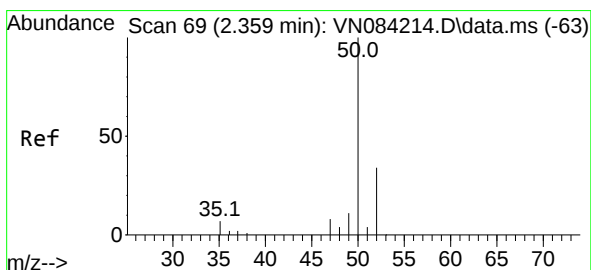
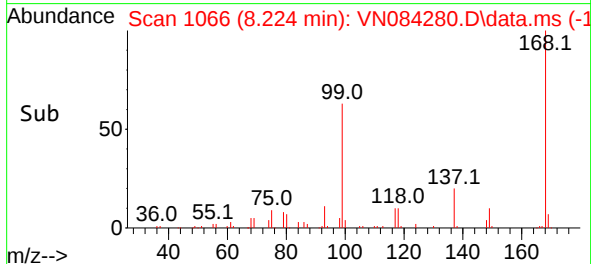
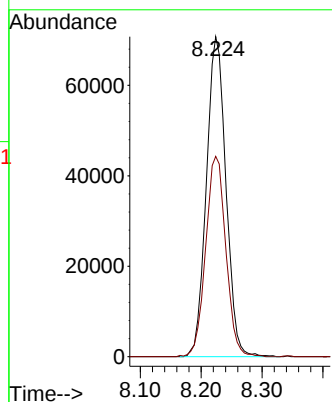
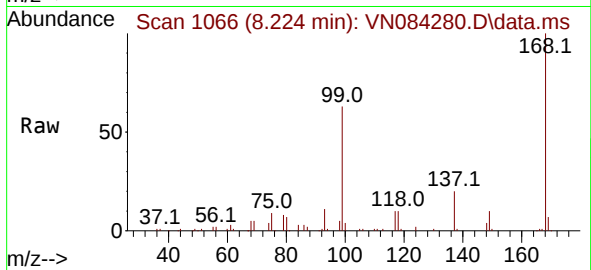




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

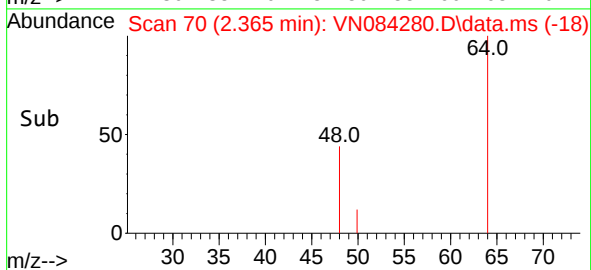
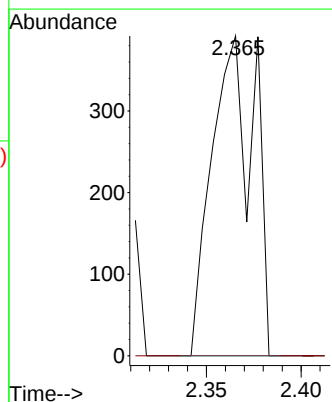
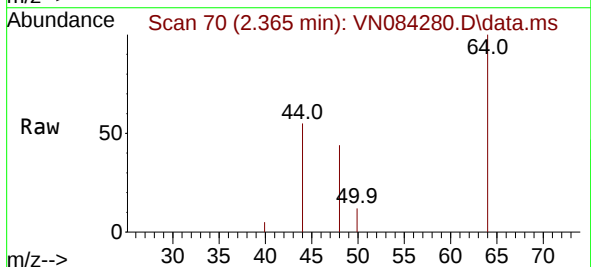
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20240924

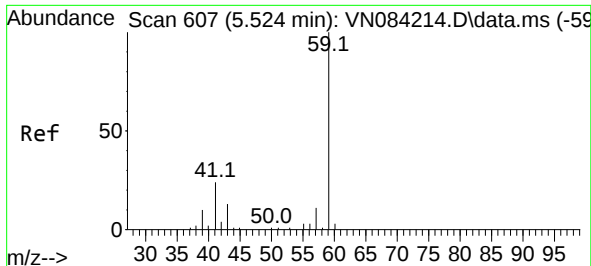
Tgt Ion:168 Resp: 157969
Ion Ratio Lower Upper
168 100
99 62.6 54.2 81.2



#3
Chloromethane
Concen: 0.283 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

Tgt Ion: 50 Resp: 603
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

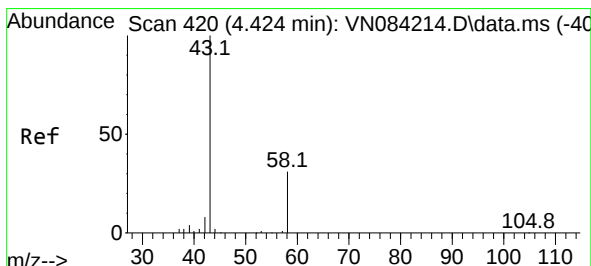
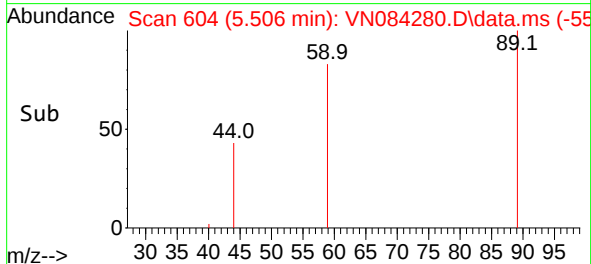
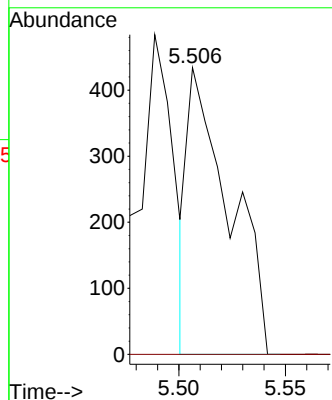
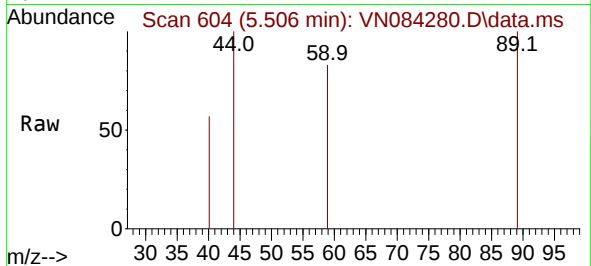




#11
Tert butyl alcohol
Concen: 1.533 ug/l
RT: 5.506 min Scan# 607
Delta R.T. -0.018 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

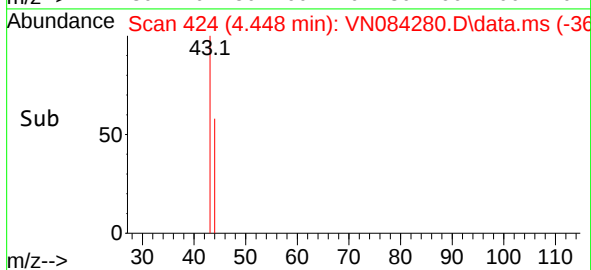
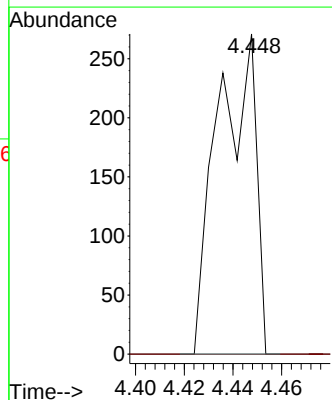
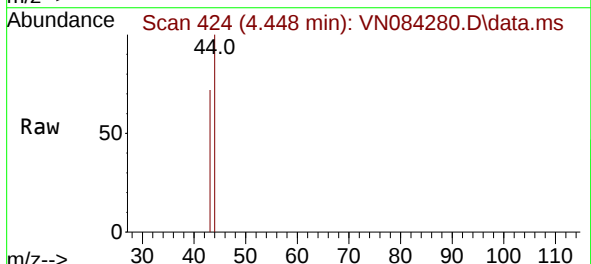
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20240924

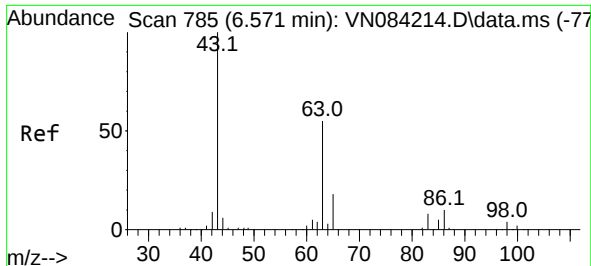
Tgt Ion: 59 Resp: 592
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 0.291 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.024 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

Tgt Ion: 43 Resp: 293
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

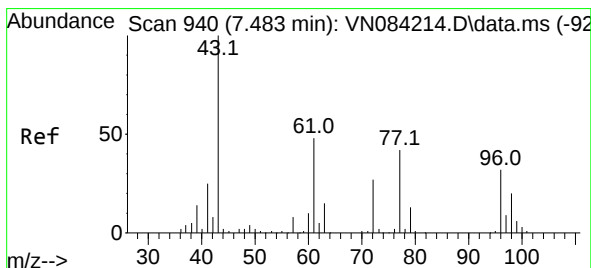
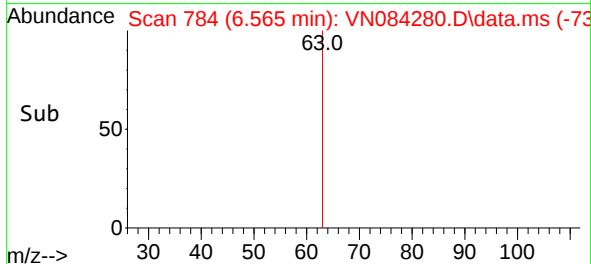
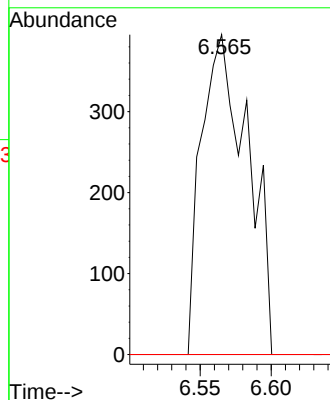
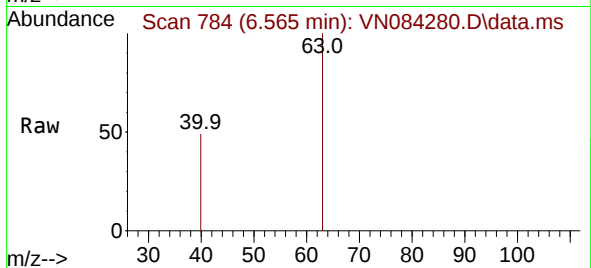




#24
1,1-Dichloroethane
Concen: 0.251 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

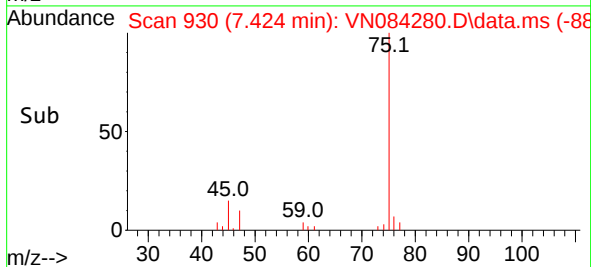
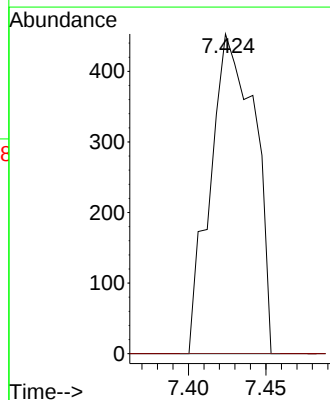
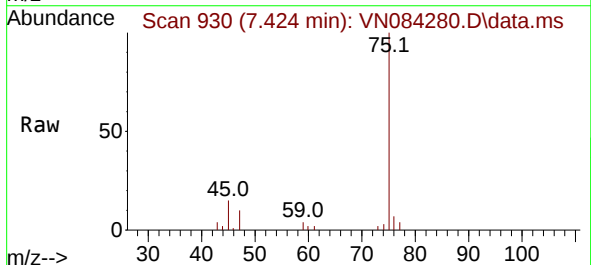
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20240924

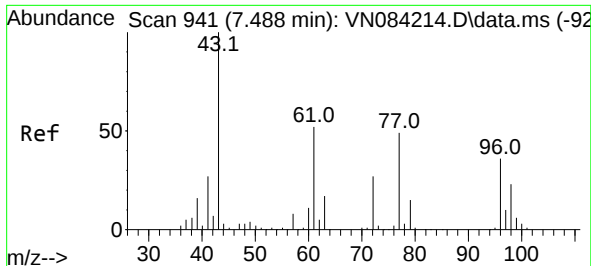
Tgt Ion: 63 Resp: 898
Ion Ratio Lower Upper
63 100
98 0.0 3.4 10.2#
100 0.0 2.0 5.8#



#25
2-Butanone
Concen: 0.659 ug/l
RT: 7.424 min Scan# 930
Delta R.T. -0.059 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#

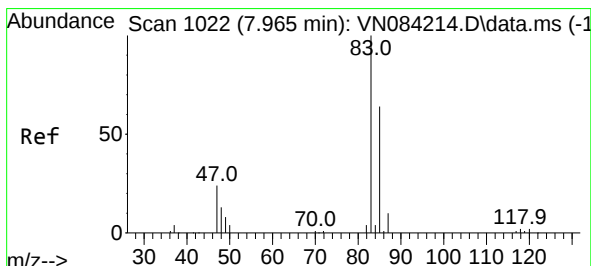
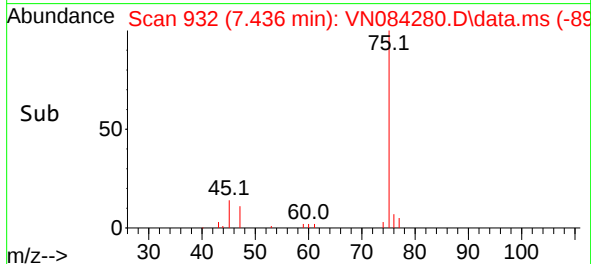
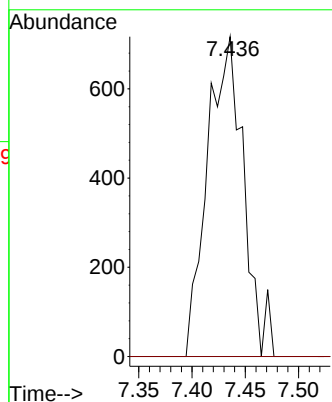
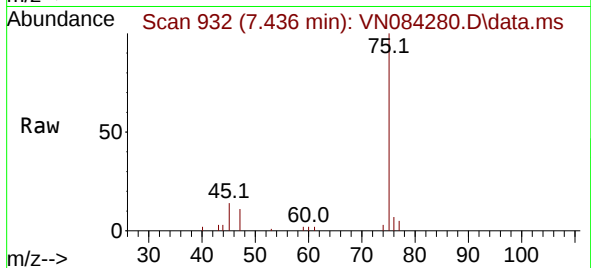




#26
2,2-Dichloropropane
Concen: 0.524 ug/l
RT: 7.436 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

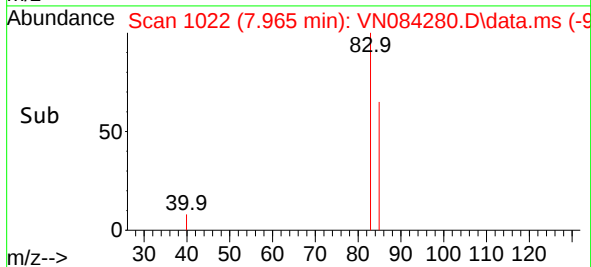
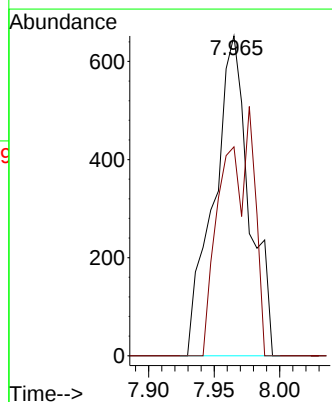
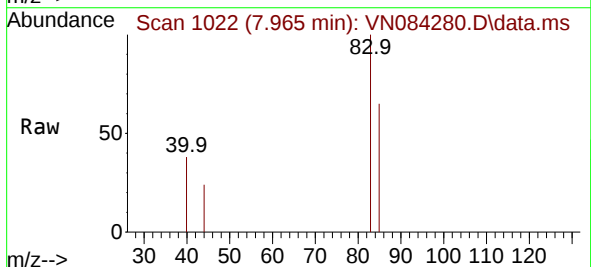
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20240924

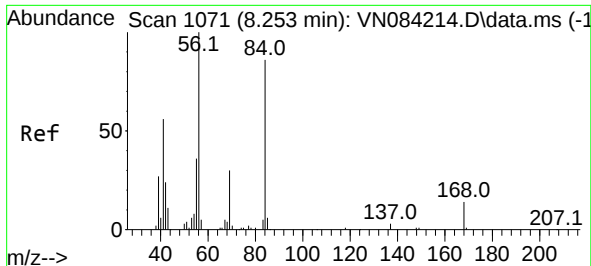
Tgt Ion: 77 Resp: 1688
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#30
Chloroform
Concen: 0.331 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

Tgt Ion: 83 Resp: 1229
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.4

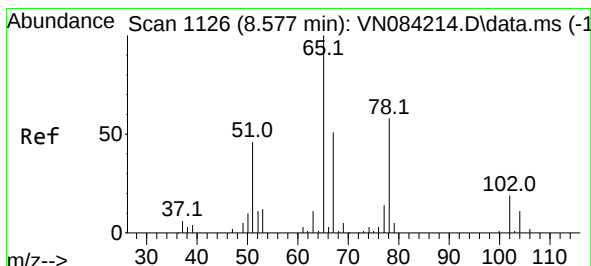
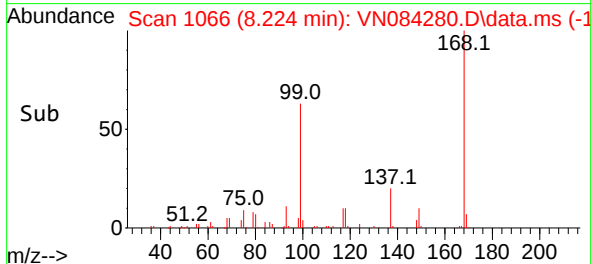
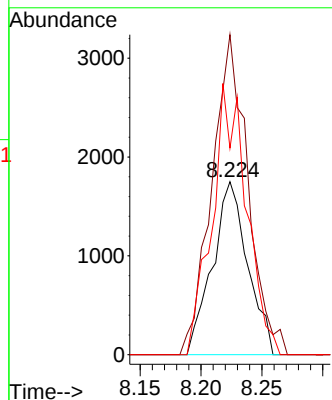
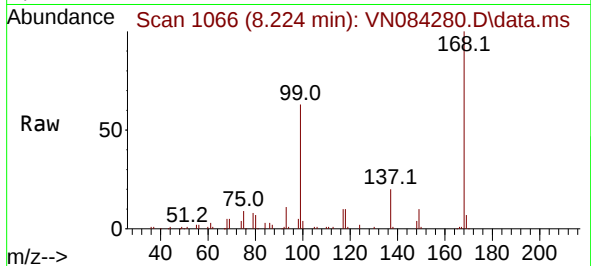




#31
Cyclohexane
Concen: 1.017 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

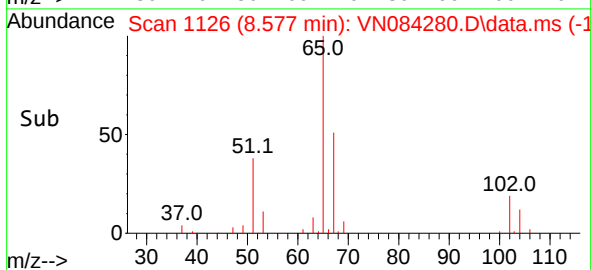
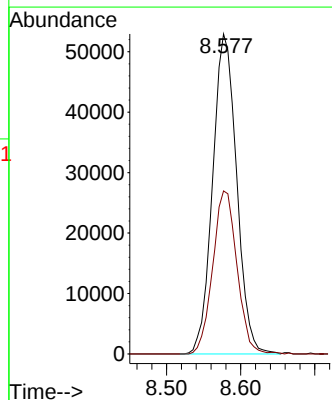
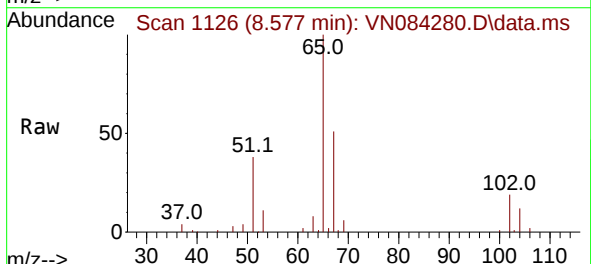
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20240924

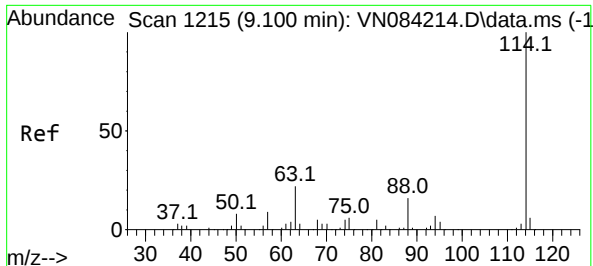
Tgt Ion: 56 Resp: 3528
Ion Ratio Lower Upper
56 100
69 184.9 23.8 35.6#
84 119.4 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 50.839 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

Tgt Ion: 65 Resp: 119075
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084280.D

Acq: 02 Oct 2024 21:21

Instrument :

MSVOA_N

ClientSampleId :

DUP08-20240924

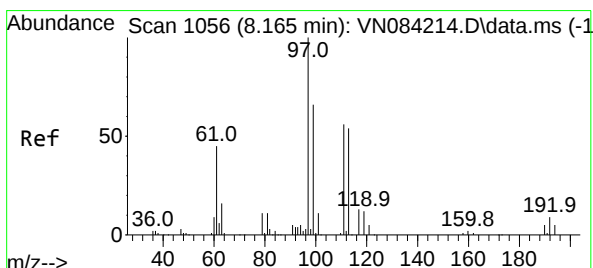
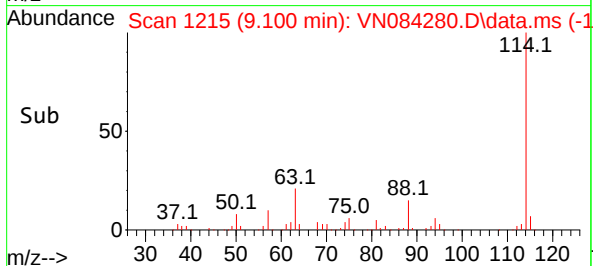
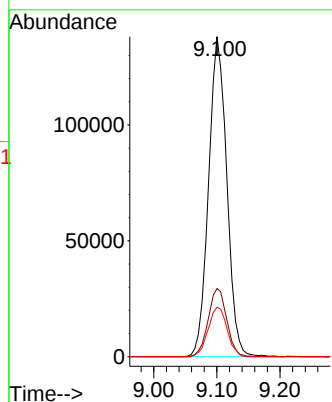
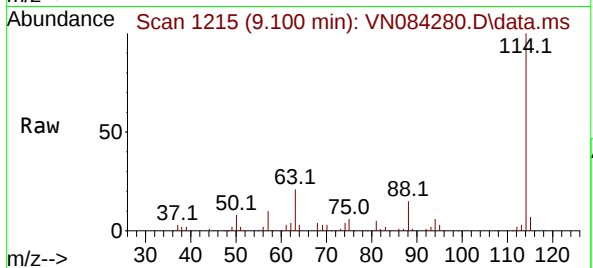
Tgt Ion:114 Resp: 276831

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.8

88 15.5 0.0 31.6



#35

Dibromofluoromethane

Concen: 51.248 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN084280.D

Acq: 02 Oct 2024 21:21

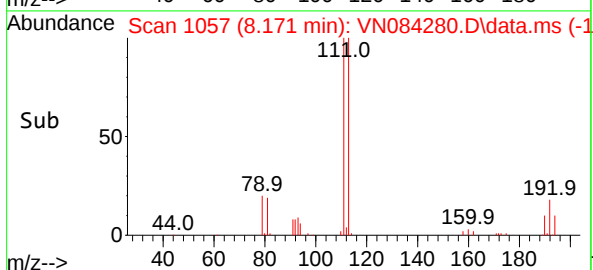
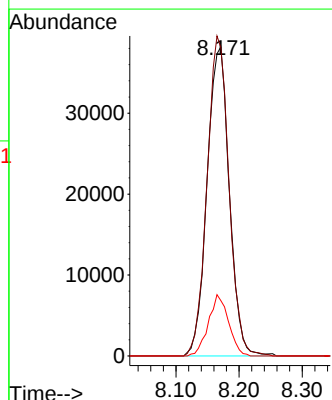
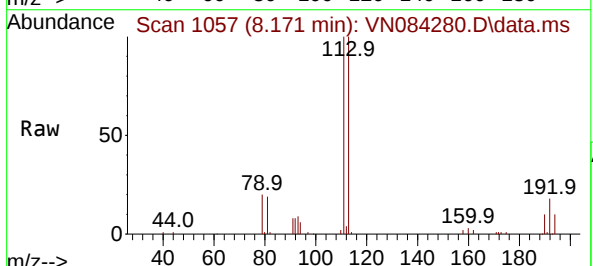
Tgt Ion:113 Resp: 93529

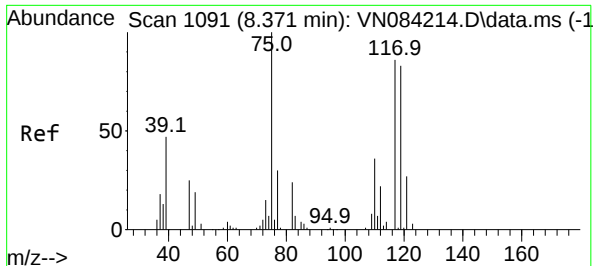
Ion Ratio Lower Upper

113 100

111 101.7 83.3 124.9

192 17.9 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.324 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084280.D

Acq: 02 Oct 2024 21:21

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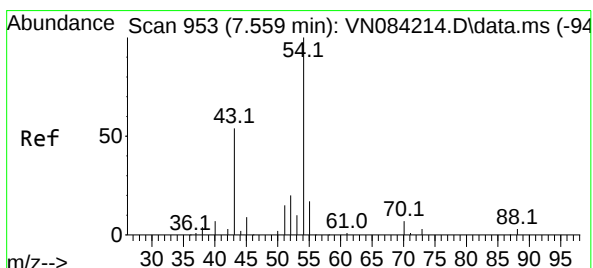
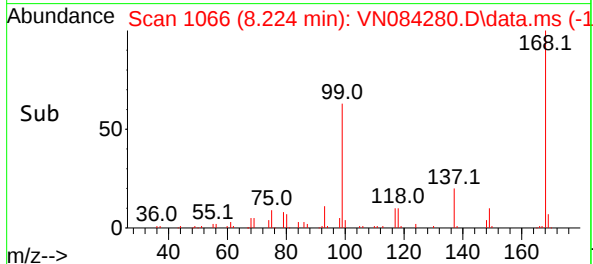
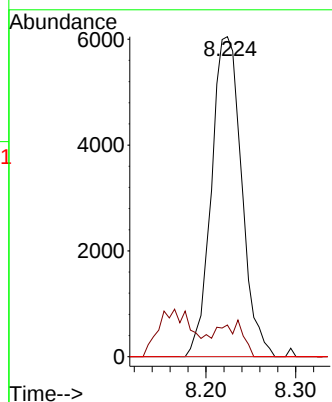
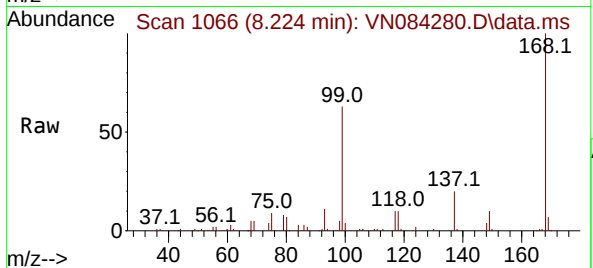
Tgt Ion: 75 Resp: 14113

Ion Ratio Lower Upper

75 100

110 8.6 16.9 50.7#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 0.332 ug/l

RT: 7.424 min Scan# 930

Delta R.T. -0.135 min

Lab File: VN084280.D

Acq: 02 Oct 2024 21:21

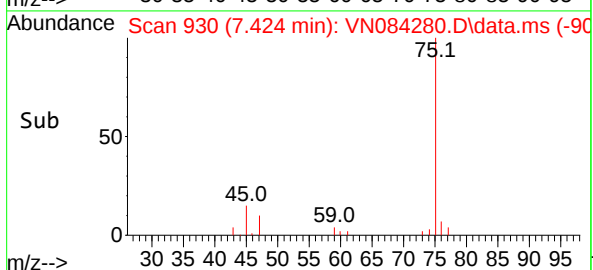
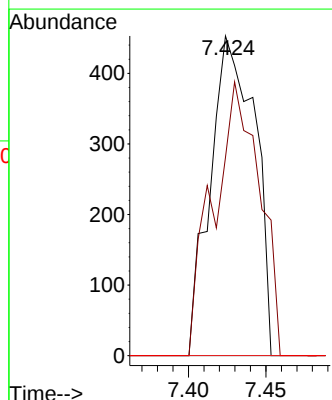
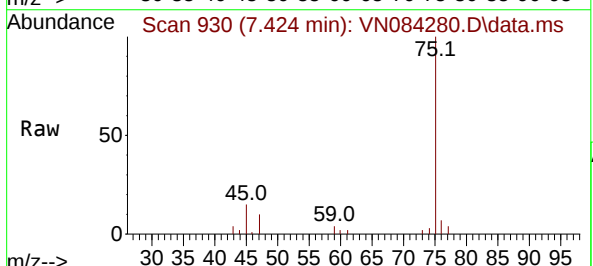
Tgt Ion: 43 Resp: 903

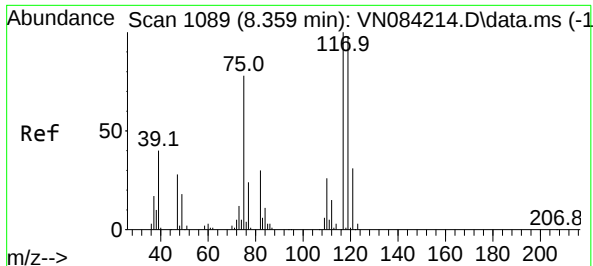
Ion Ratio Lower Upper

43 100

61 89.4 10.7 16.1#

70 0.0 8.8 13.2#

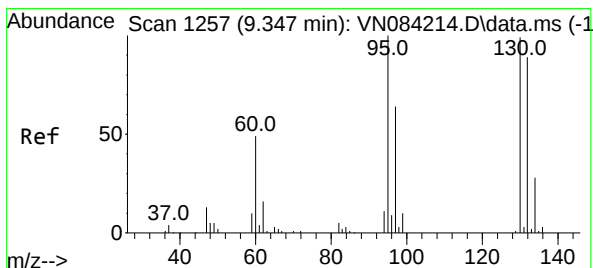
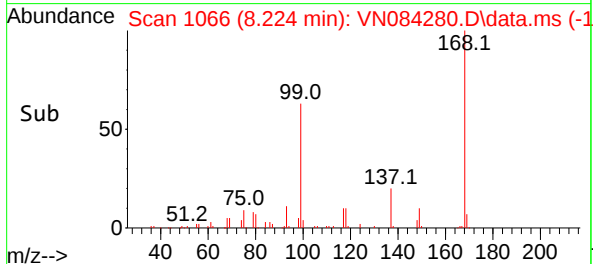
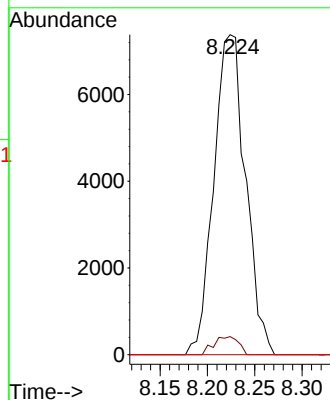
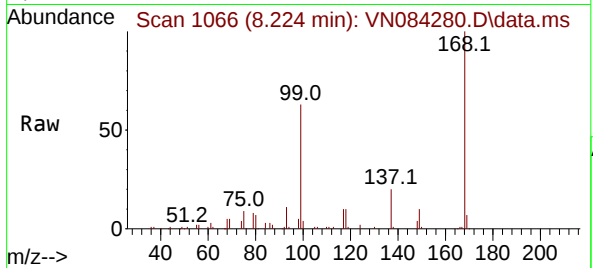




#38
Carbon Tetrachloride
Concen: 5.925 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

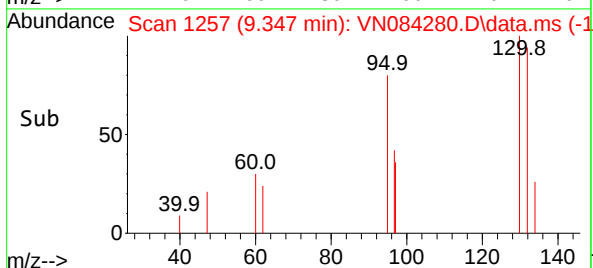
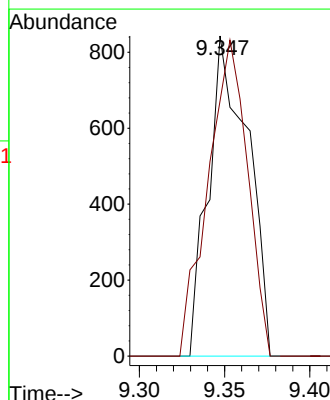
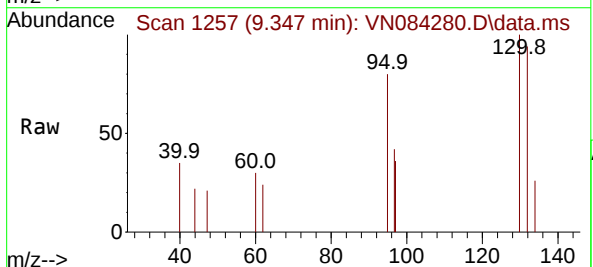
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20240924

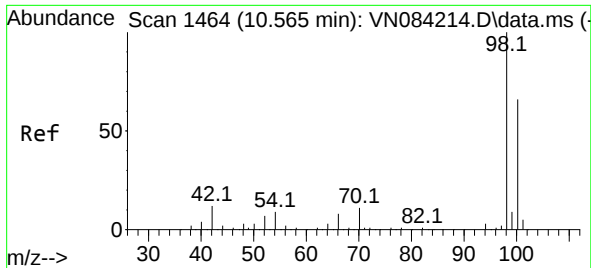
Tgt Ion:117 Resp: 17230
Ion Ratio Lower Upper
117 100
119 5.7 78.7 118.1#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.702 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

Tgt Ion:130 Resp: 1354
Ion Ratio Lower Upper
130 100
95 79.7 0.0 203.0

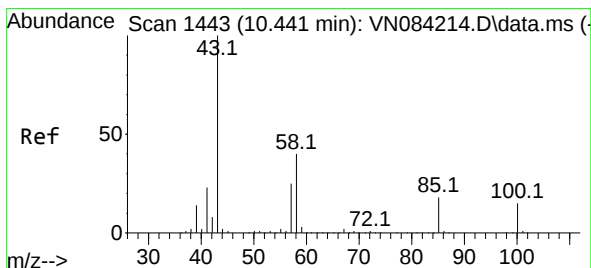
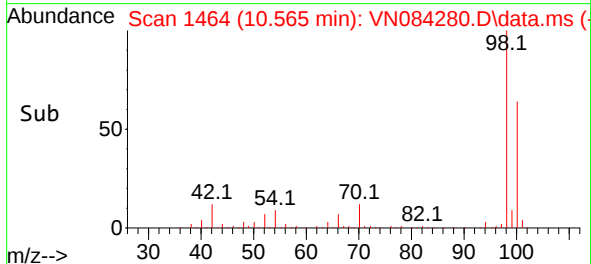
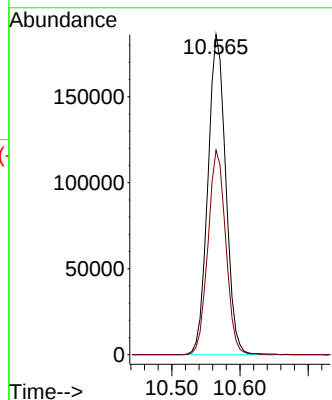
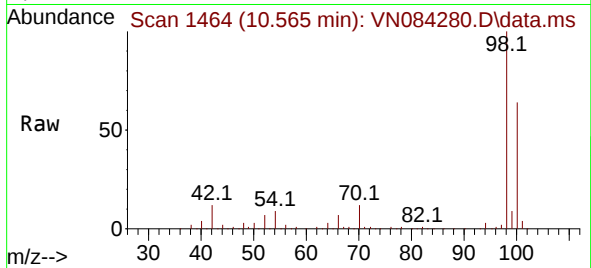




#50
Toluene-d8
Concen: 50.514 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

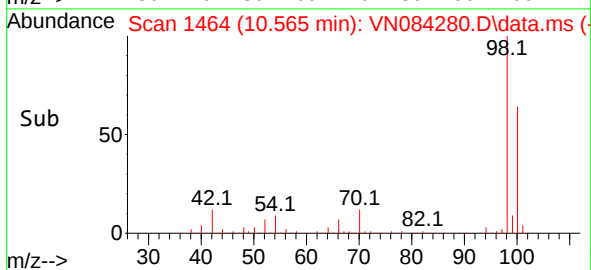
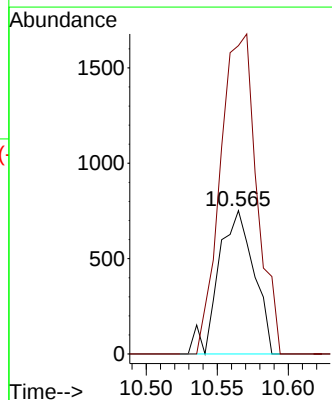
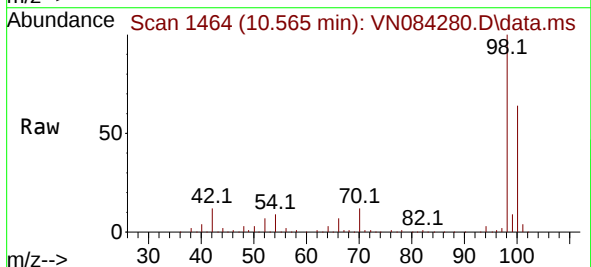
Instrument :
MSVOA_N
ClientSampleId :
DUP08-20240924

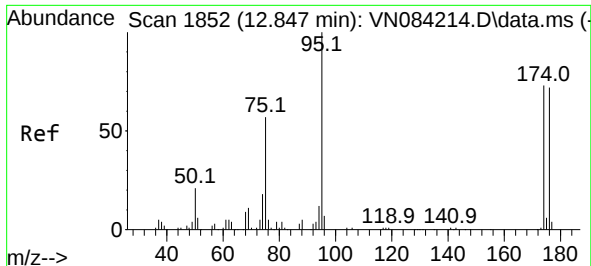
Tgt Ion: 98 Resp: 339180
Ion Ratio Lower Upper
98 100
100 63.7 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.504 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

Tgt Ion: 43 Resp: 1305
Ion Ratio Lower Upper
43 100
58 230.0 31.6 47.4#





#62

4-Bromofluorobenzene

Concen: 47.512 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084280.D

Acq: 02 Oct 2024 21:21

Instrument :

MSVOA_N

ClientSampleId :

DUP08-20240924

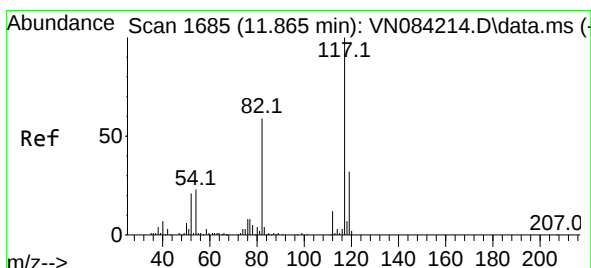
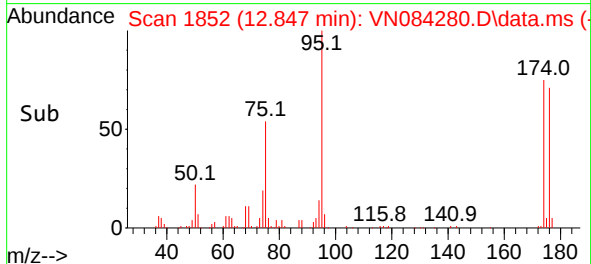
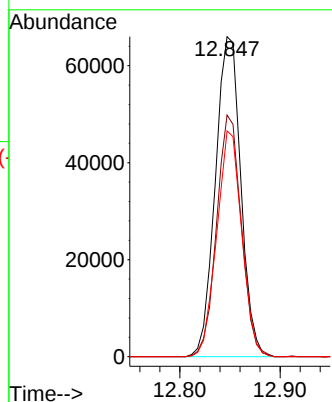
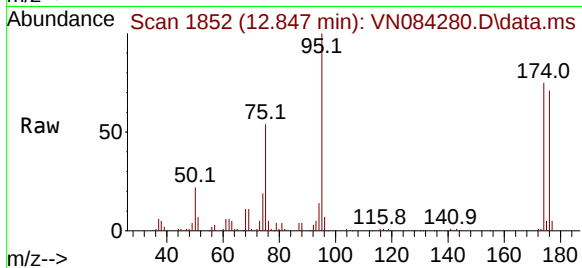
Tgt Ion: 95 Resp: 116223

Ion Ratio Lower Upper

95 100

174 73.2 0.0 145.2

176 69.1 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: VN084280.D

Acq: 02 Oct 2024 21:21

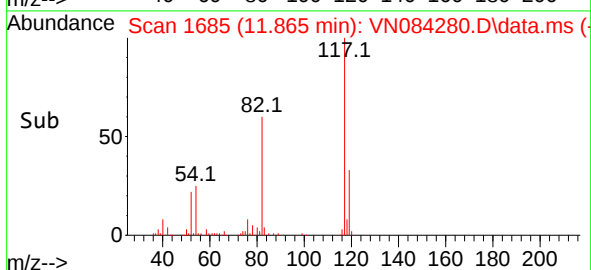
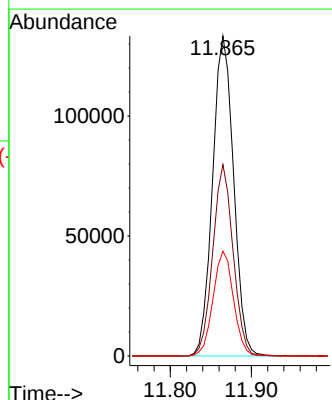
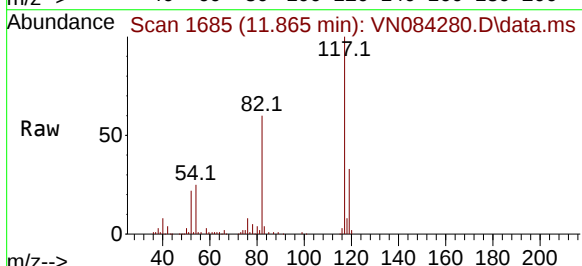
Tgt Ion: 117 Resp: 240271

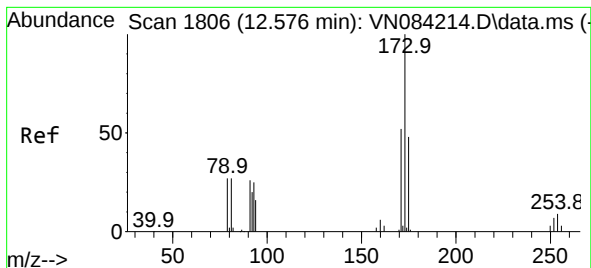
Ion Ratio Lower Upper

117 100

82 59.8 47.2 70.8

119 32.7 25.4 38.0





#71

Bromoform

Concen: 0.326 ug/l

RT: 12.841 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN084280.D

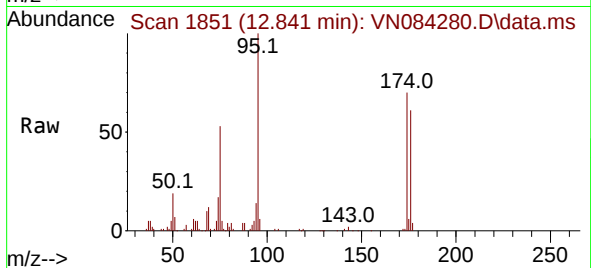
Acq: 02 Oct 2024 21:21

Instrument :

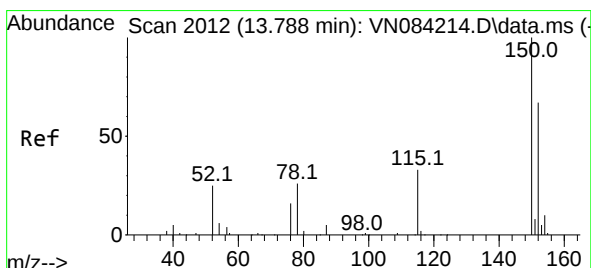
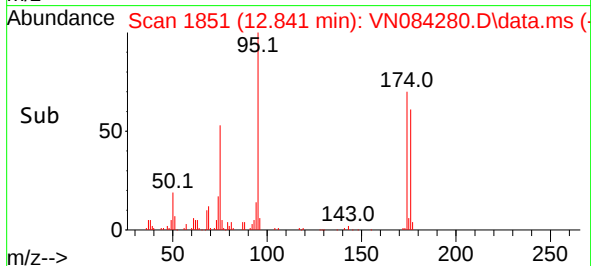
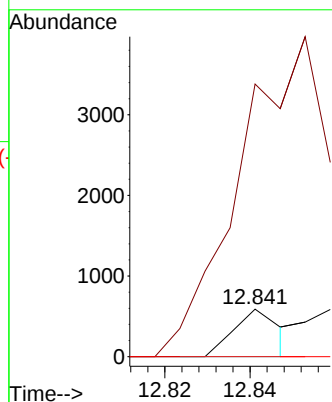
MSVOA_N

ClientSampleId :

DUP08-20240924



Tgt Ion:	173	Resp:	440
Ion Ratio	Lower	Upper	
173	100		
175	759.3	23.5	70.6#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

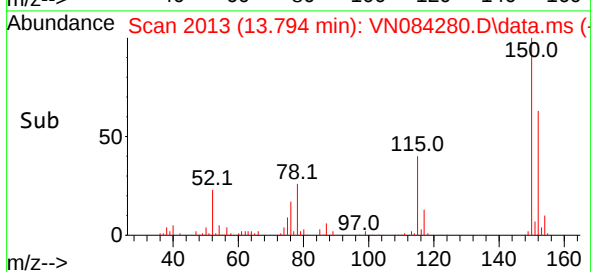
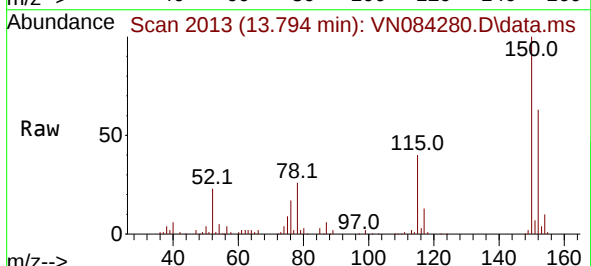
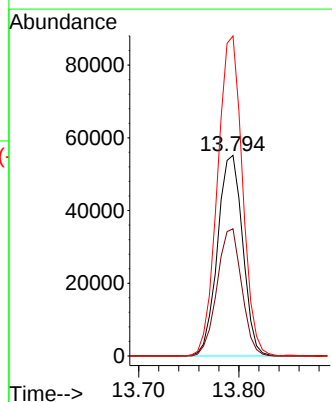
RT: 13.794 min Scan# 2013

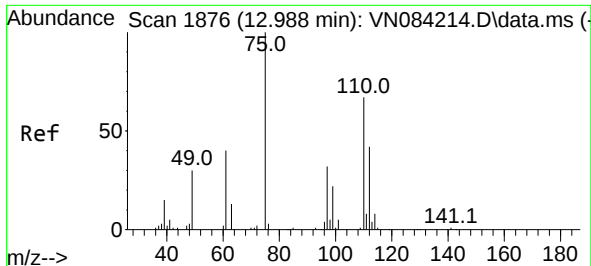
Delta R.T. 0.006 min

Lab File: VN084280.D

Acq: 02 Oct 2024 21:21

Tgt Ion:	152	Resp:	95930
Ion Ratio	Lower	Upper	
152	100		
115	62.2	31.3	93.9
150	158.0	0.0	349.8

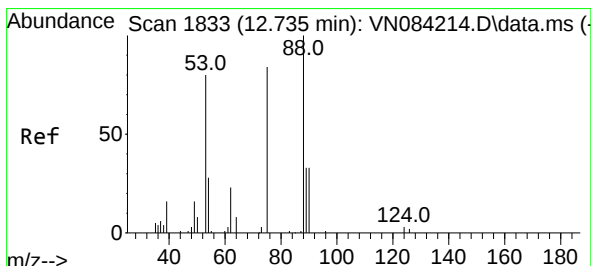
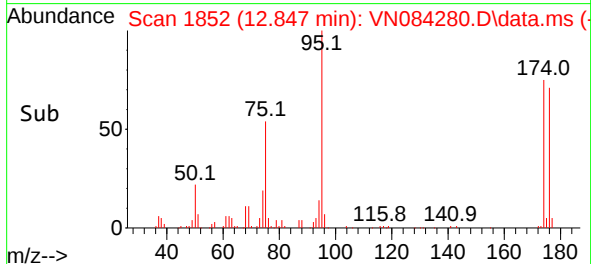
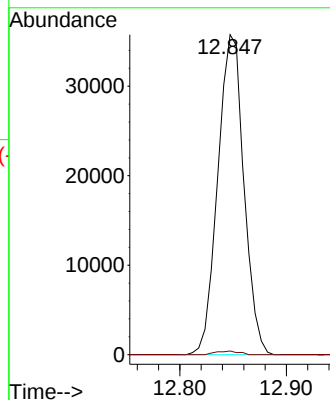
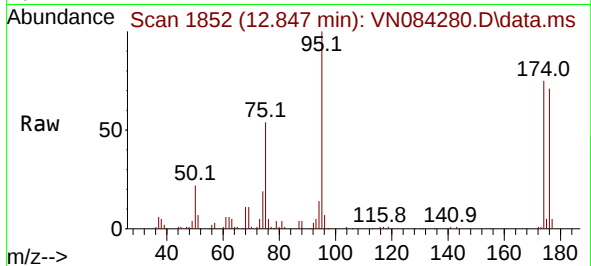




#76
1,2,3-Trichloropropane
Concen: 31.028 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

Instrument :
MSVOA_N
ClientSampleId :
DUP08-20240924

Tgt Ion: 75 Resp: 60766
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.388 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084280.D
Acq: 02 Oct 2024 21:21

Tgt Ion: 75 Resp: 60766
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

