

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081255.D
 Acq On : 28 Feb 2024 20:05
 Operator : JC\MD
 Sample : P1587-11 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1824-A

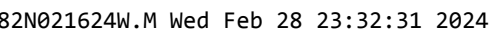
Quant Time: Feb 28 23:32:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

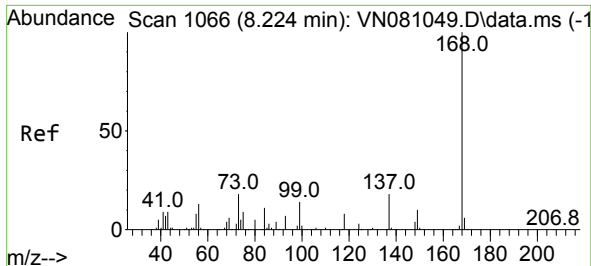
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	328886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	606746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	527887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	221153	54.860	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 109.720%		
35) Dibromofluoromethane	8.171	113	175005	51.008	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 102.020%		
50) Toluene-d8	10.571	98	668933	54.894	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 109.780%		
62) 4-Bromofluorobenzene	12.853	95	212739	46.461	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 92.920%		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	683	Below Cal	#	68
6) Chloroethane	3.124	64	127	Below Cal	#	42
13) Acrolein	4.183	56	556	1.399	ug/l	96
16) Acetone	4.424	43	1170	0.738	ug/l	98
18) Methyl Acetate	5.047	43	953	0.246	ug/l #	54
20) Methylene Chloride	5.277	84	326	Below Cal	#	44
25) 2-Butanone	7.500	43	836	0.326	ug/l #	51
31) Cyclohexane	8.224	56	8785	1.262	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	29424	5.006	ug/l #	53
38) Carbon Tetrachloride	8.224	117	38082	6.404	ug/l #	18
49) 1,4-Dioxane	9.712	88	73	Below Cal	#	18
51) 4-Methyl-2-Pentanone	10.565	43	3021	0.566	ug/l #	1
68) m/p-Xylenes	12.065	106	2251	0.287	ug/l	89
76) 1,2,3-Trichloropropane	12.853	75	118523	25.137	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	118523	64.702	ug/l #	14

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

Quant Time: Feb 28 23:32:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 16 23:45:20 2024
Response via : Initial Calibration

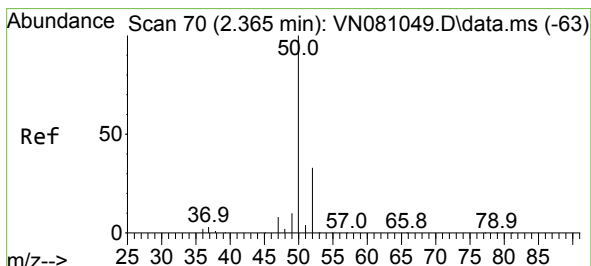
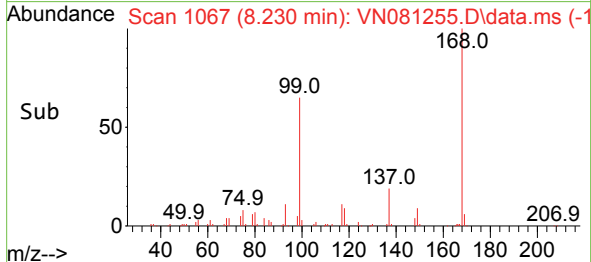
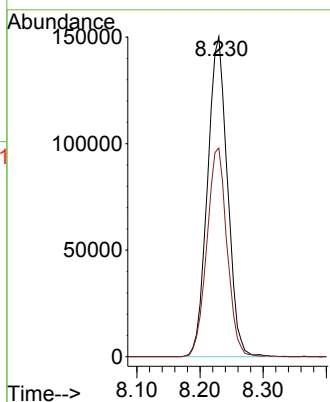
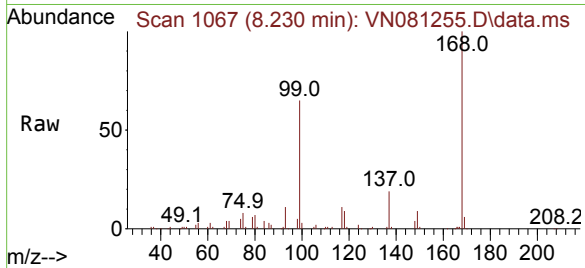




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

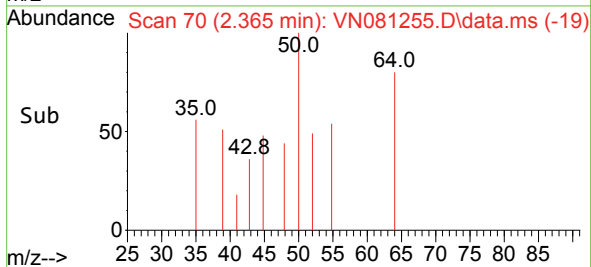
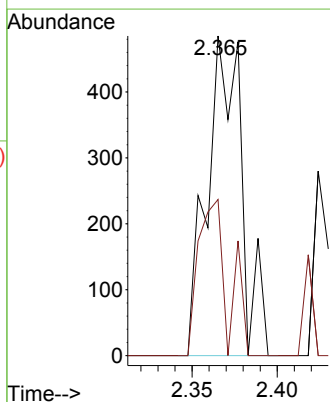
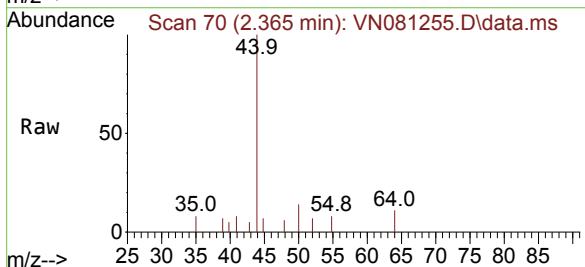
Instrument :
MSVOA_N
ClientSampleId :
1824-A

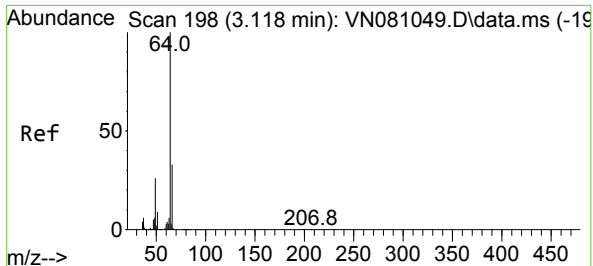
Tgt Ion:168 Resp: 328886
Ion Ratio Lower Upper
168 100
99 65.2 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

Tgt Ion: 50 Resp: 683
Ion Ratio Lower Upper
50 100
52 48.9 25.0 37.4#

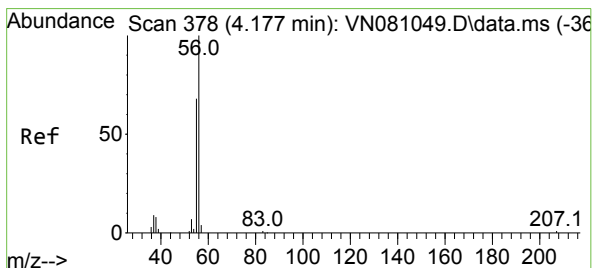
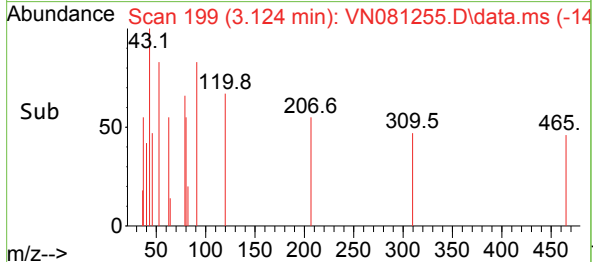
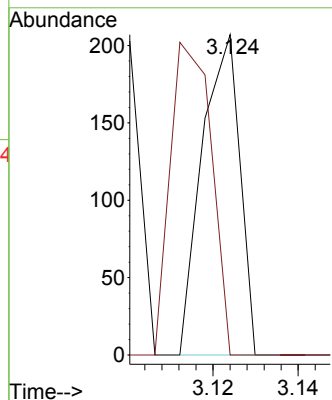
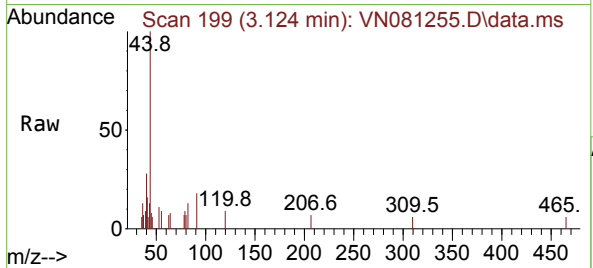




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 19
Delta R.T. 0.006 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

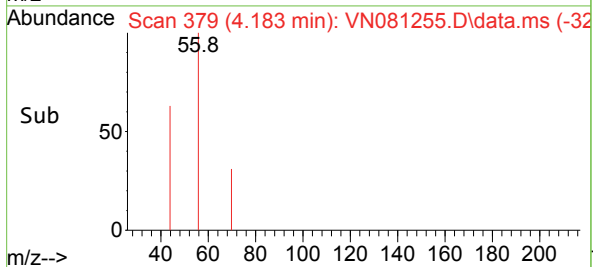
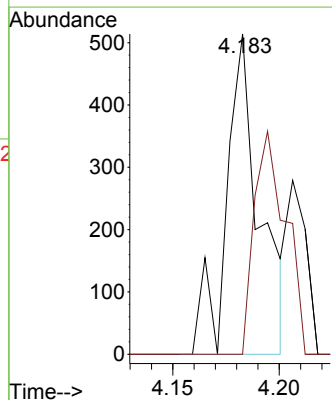
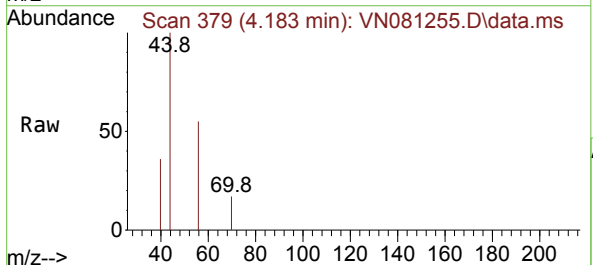
Instrument :
MSVOA_N
ClientSampleId :
1824-A

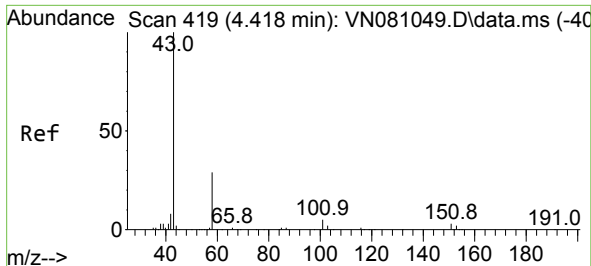
Tgt Ion: 64 Resp: 127
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#



#13
Acrolein
Concen: 1.399 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

Tgt Ion: 56 Resp: 556
Ion Ratio Lower Upper
56 100
55 65.8 55.3 82.9

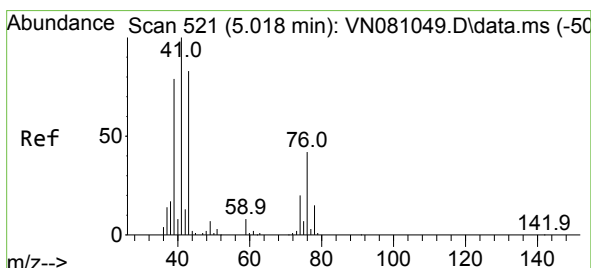
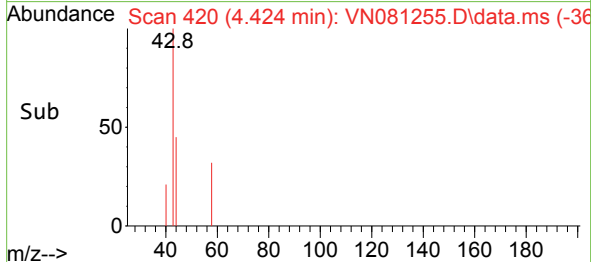
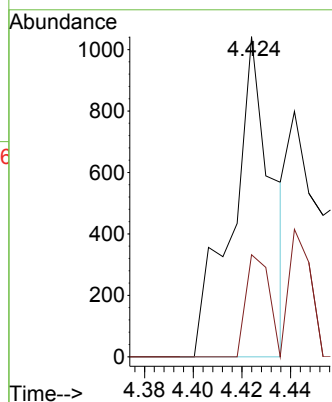
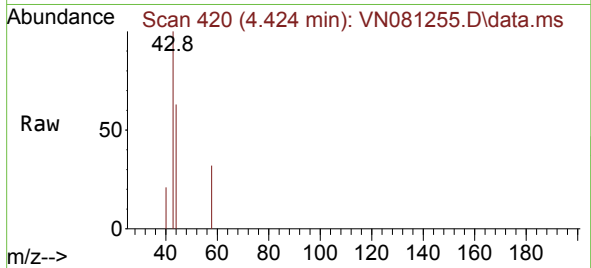




#16
Acetone
Concen: 0.738 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

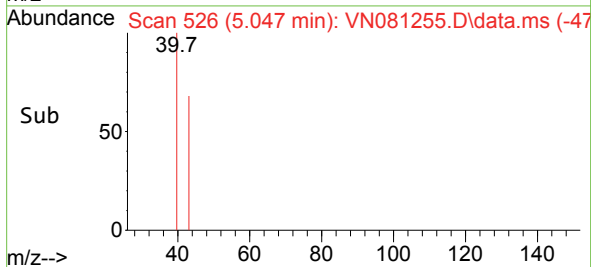
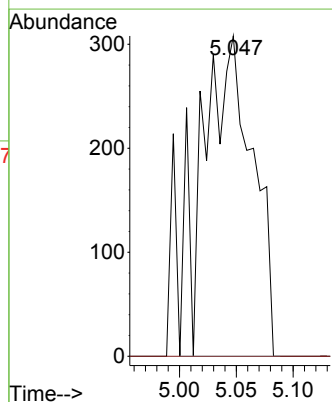
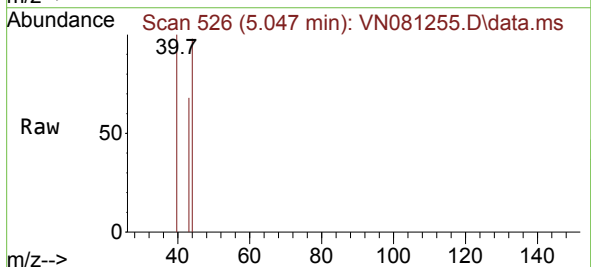
Instrument :
MSVOA_N
ClientSampleId :
1824-A

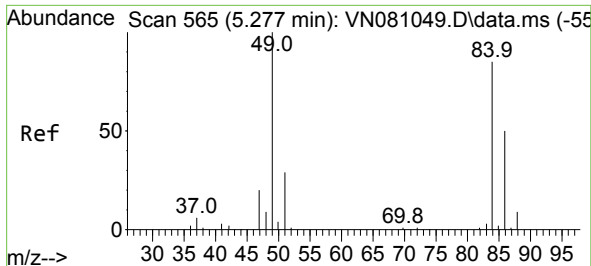
Tgt Ion: 43 Resp: 1170
Ion Ratio Lower Upper
43 100
58 31.9 24.8 37.2



#18
Methyl Acetate
Concen: 0.246 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.029 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

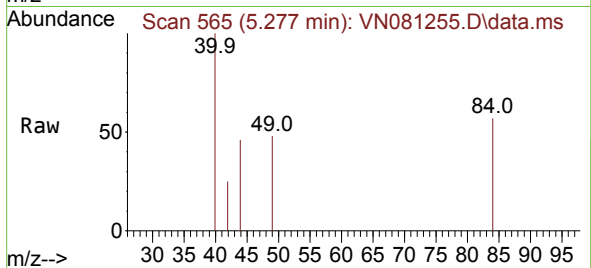
Tgt Ion: 43 Resp: 953
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#





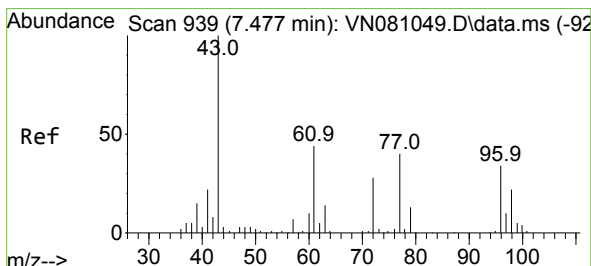
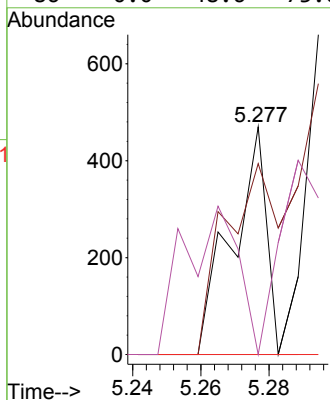
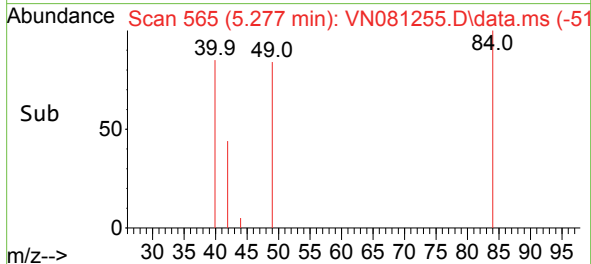
#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

Instrument :
MSVOA_N
ClientSampleId :
1824-A

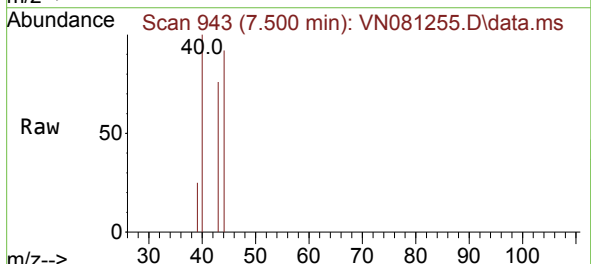


Tgt Ion: 84 Resp: 326

Ion	Ratio	Lower	Upper
84	100		
49	83.8	108.1	162.1#
51	0.0	32.9	49.3#
86	0.0	48.6	73.0#

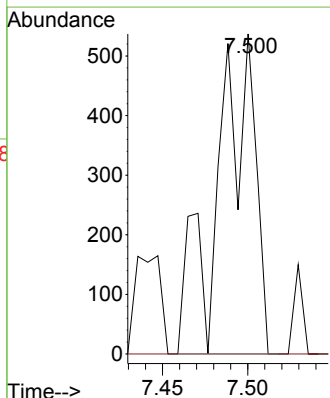
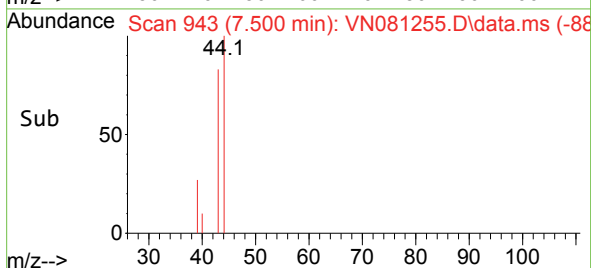


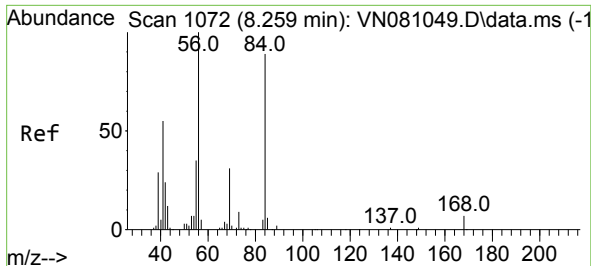
#25
2-Butanone
Concen: 0.326 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.023 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05



Tgt Ion: 43 Resp: 836

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.5	29.3#

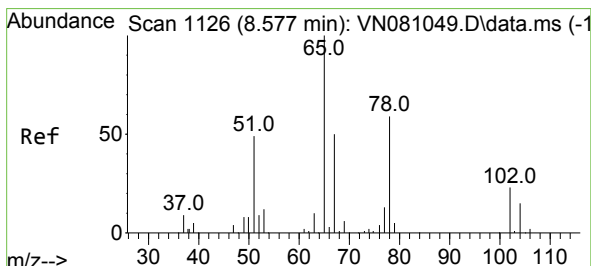
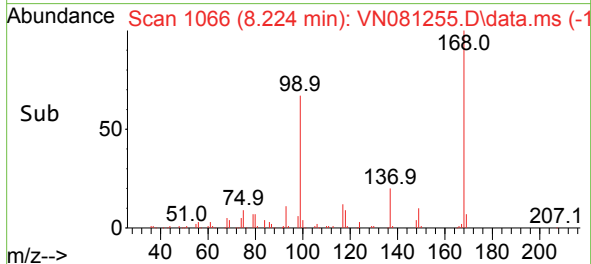
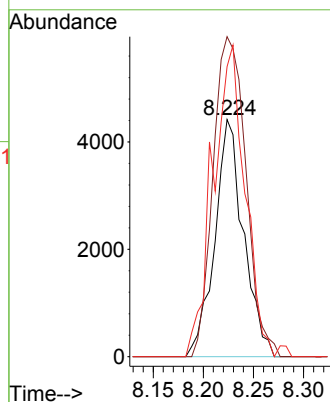
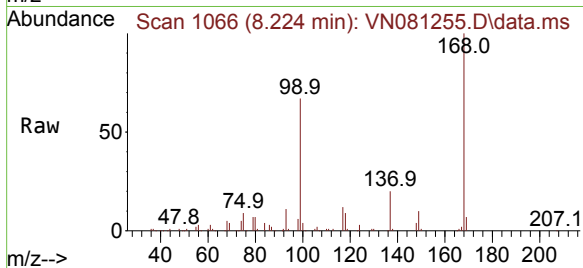




#31
Cyclohexane
Concen: 1.262 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

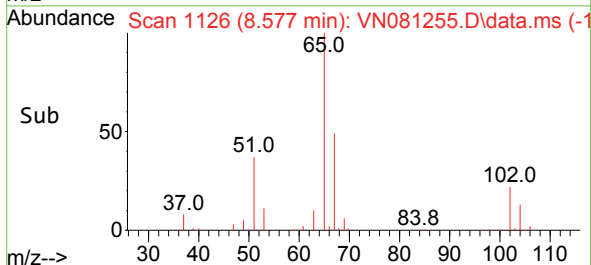
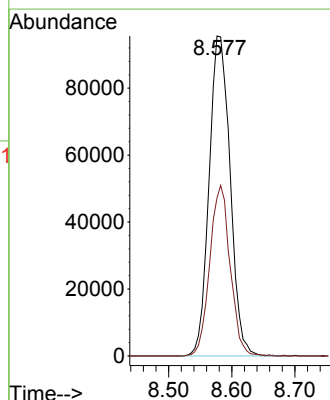
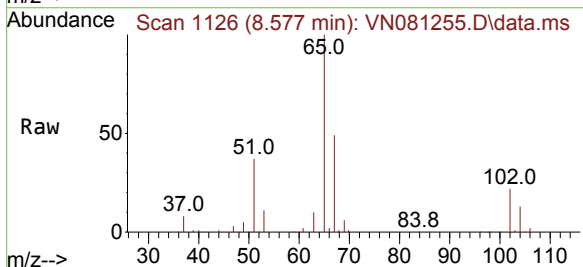
Instrument :
MSVOA_N
ClientSampleId :
1824-A

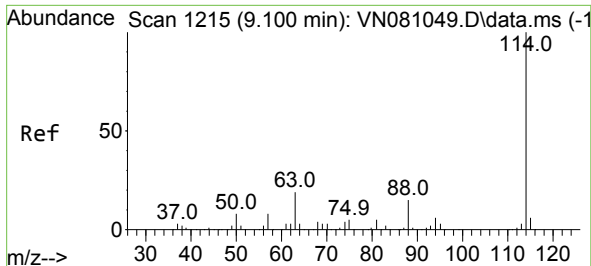
Tgt Ion: 56 Resp: 8785
Ion Ratio Lower Upper
56 100
69 134.9 20.1 30.1#
84 122.3 56.9 85.3#



#33
1,2-Dichloroethane-d4
Concen: 54.860 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

Tgt Ion: 65 Resp: 221153
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4

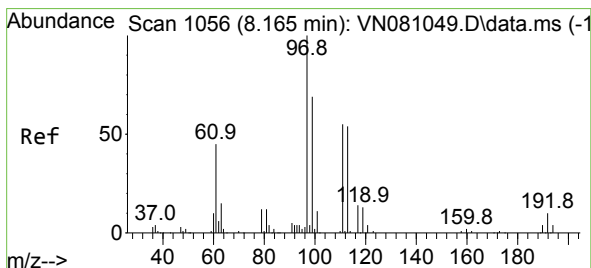
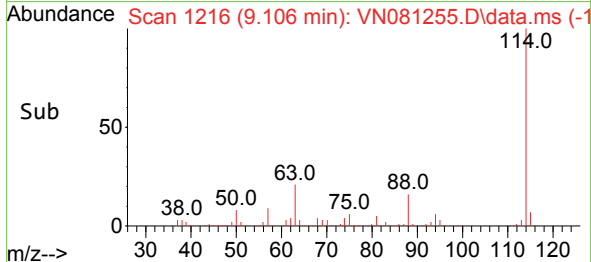
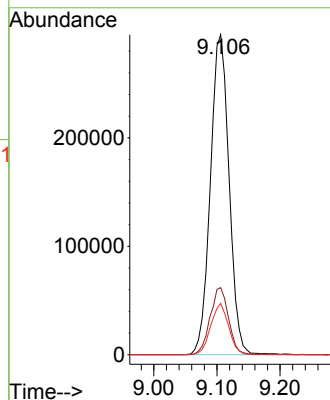
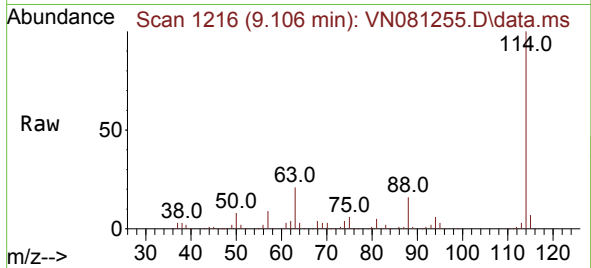




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

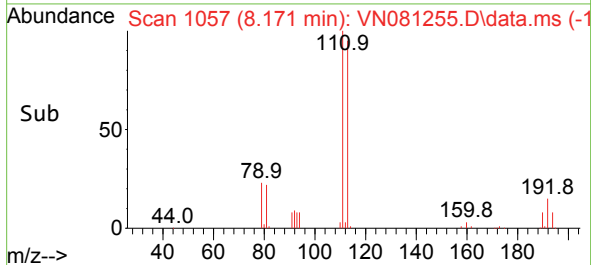
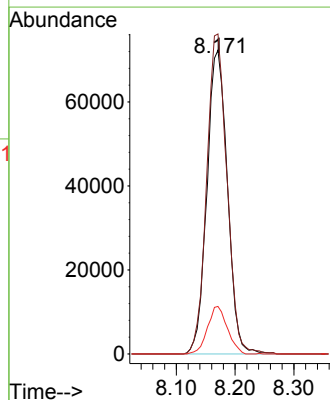
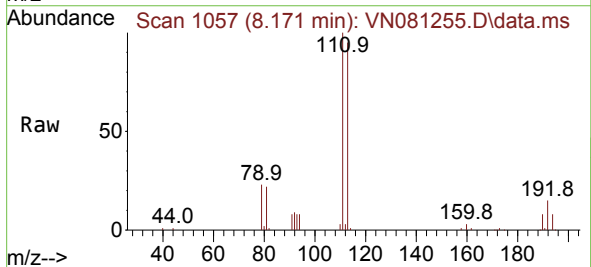
Instrument :
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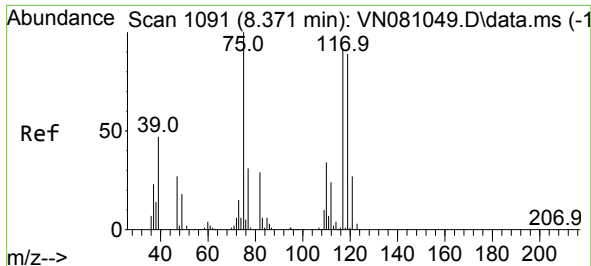
Tgt Ion:114 Resp: 606746
Ion Ratio Lower Upper
114 100
63 20.9 0.0 48.0
88 16.0 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.008 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

Tgt Ion:113 Resp: 175005
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 15.2 12.5 18.7





#36

1,1-Dichloropropene

Concen: 5.006 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081255.D

Acq: 28 Feb 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

1824-A

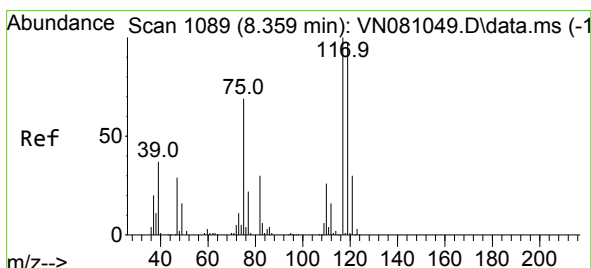
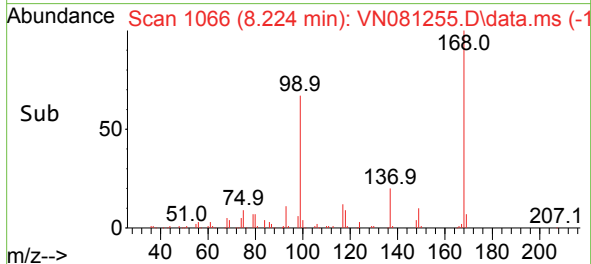
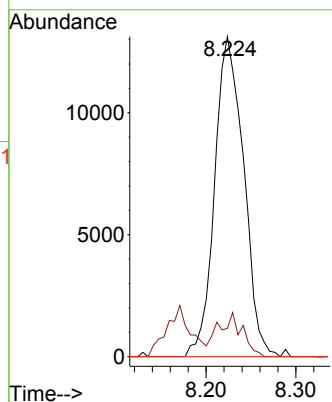
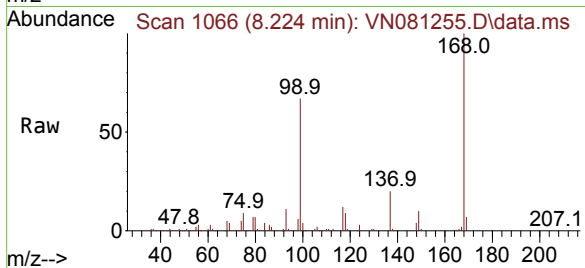
Tgt Ion: 75 Resp: 29424

Ion Ratio Lower Upper

75 100

110 11.4 16.0 48.0#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.404 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081255.D

Acq: 28 Feb 2024 20:05

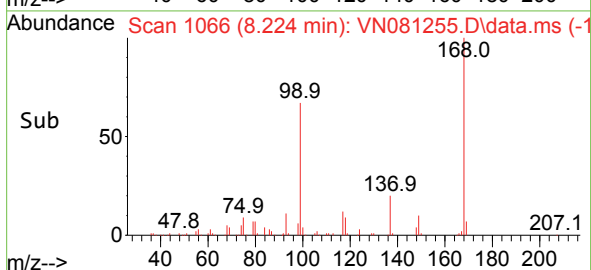
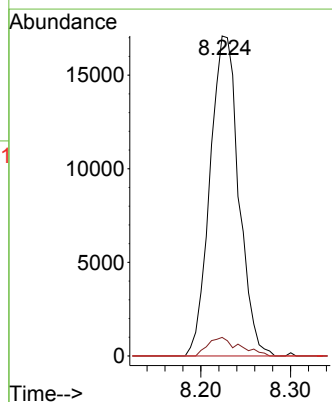
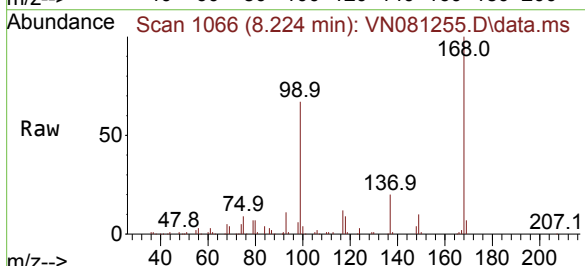
Tgt Ion: 117 Resp: 38082

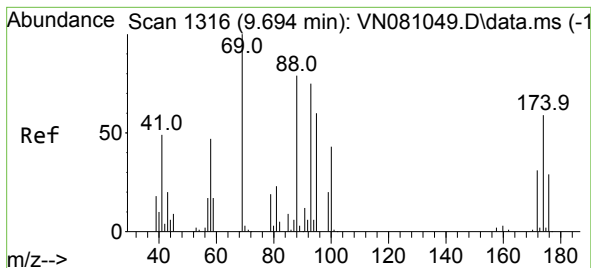
Ion Ratio Lower Upper

117 100

119 5.8 73.4 110.2#

121 0.0 24.4 36.6#





#49

1,4-Dioxane

Concen: Below Cal

RT: 9.712 min Scan# 11

Delta R.T. 0.018 min

Lab File: VN081255.D

Acq: 28 Feb 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

1824-A

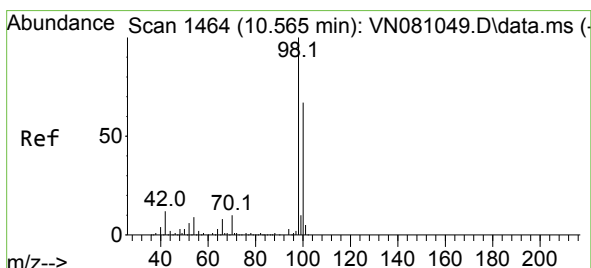
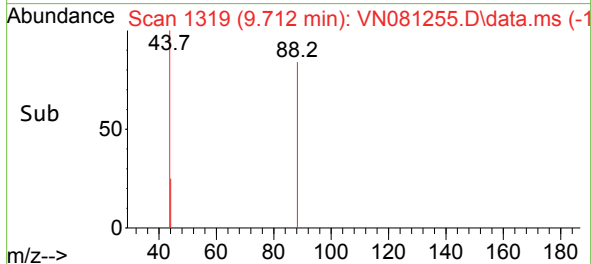
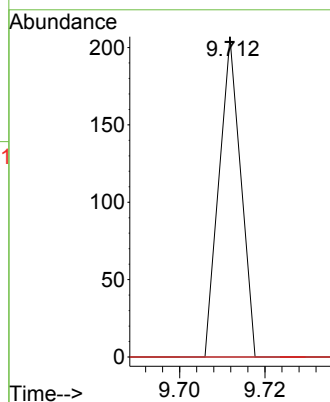
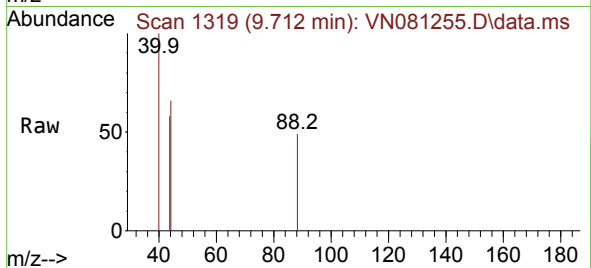
Tgt Ion: 88 Resp: 73

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 54.894 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081255.D

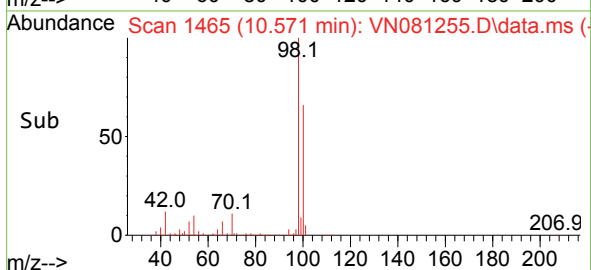
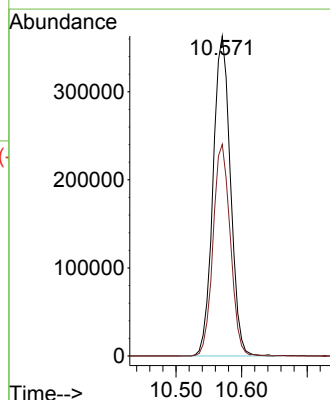
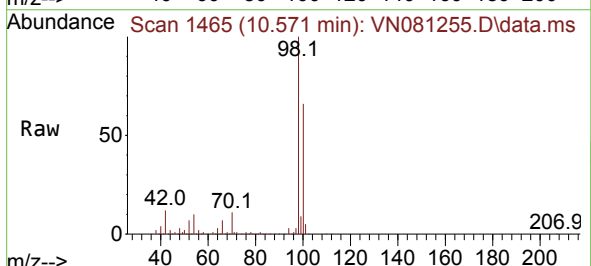
Acq: 28 Feb 2024 20:05

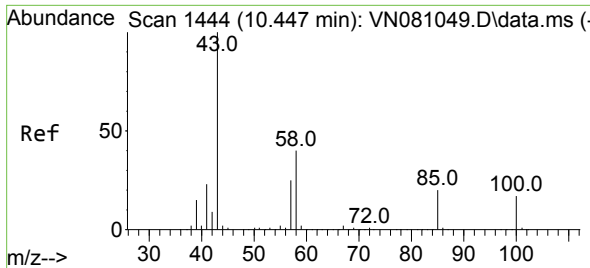
Tgt Ion: 98 Resp: 668933

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0

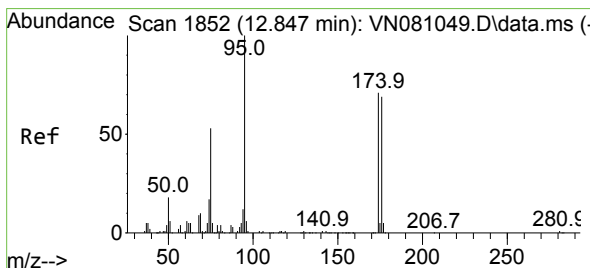
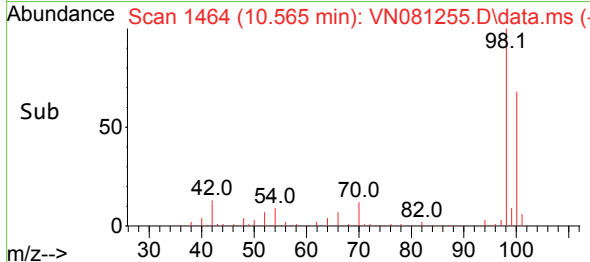
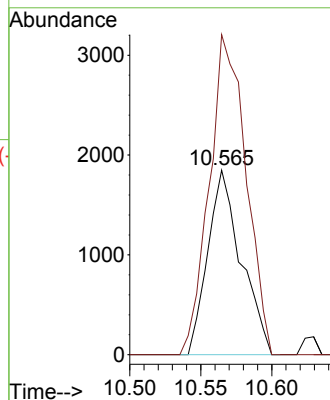
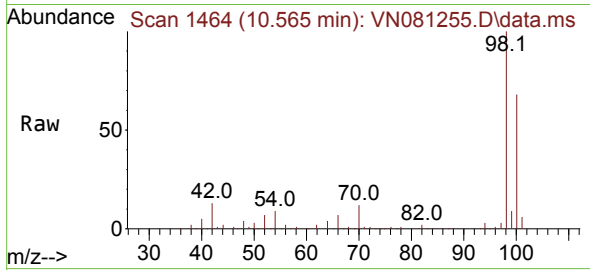




#51
4-Methyl-2-Pentanone
Concen: 0.566 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

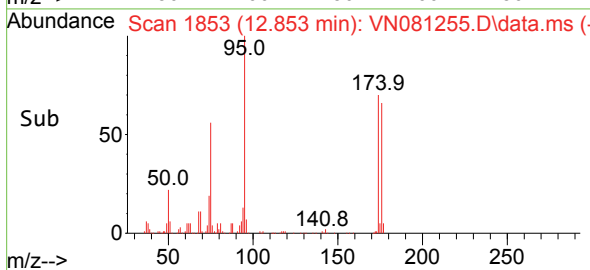
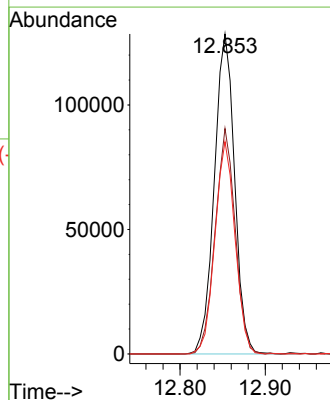
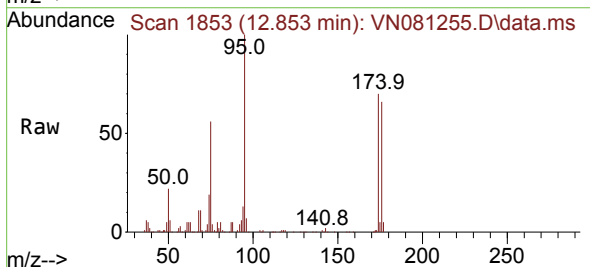
Instrument :
MSVOA_N
ClientSampleId :
1824-A

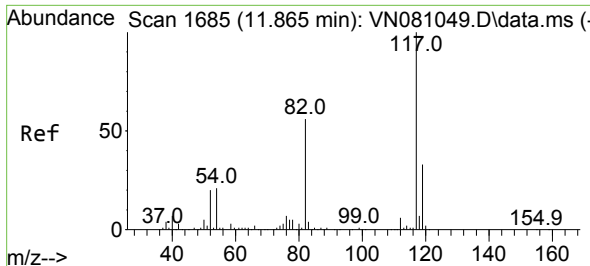
Tgt Ion: 43 Resp: 3021
Ion Ratio Lower Upper
43 100
58 190.9 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 46.461 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

Tgt Ion: 95 Resp: 212739
Ion Ratio Lower Upper
95 100
174 69.7 0.0 120.4
176 65.8 0.0 121.0

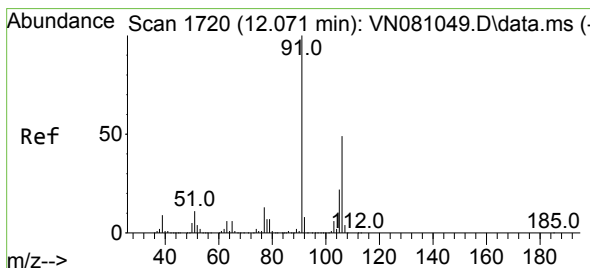
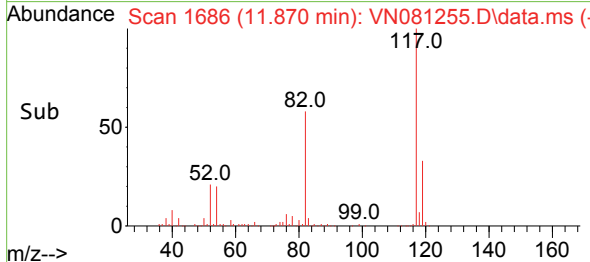
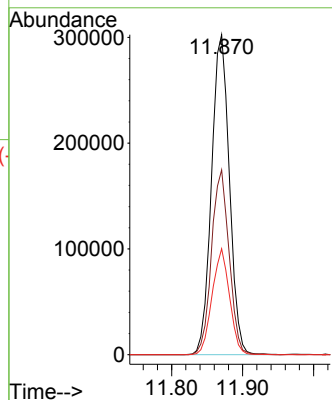
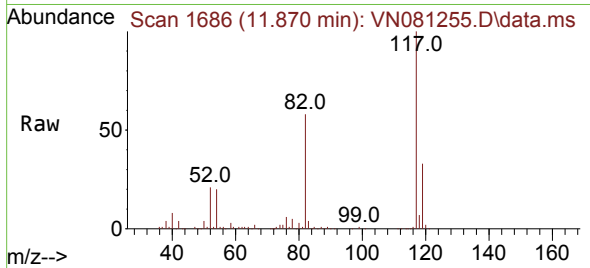




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

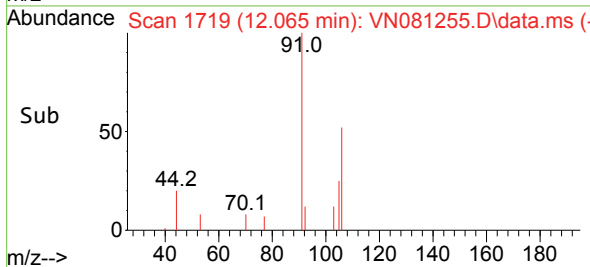
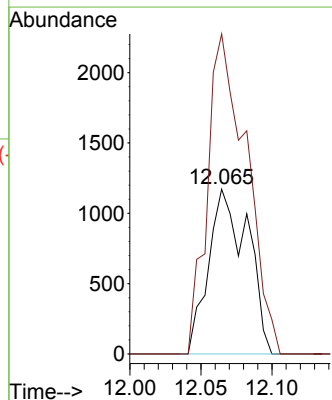
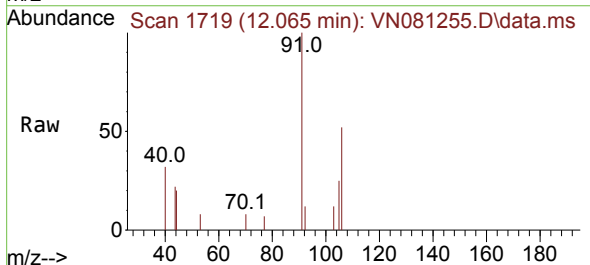
Instrument :
MSVOA_N
ClientSampleId :
1824-A

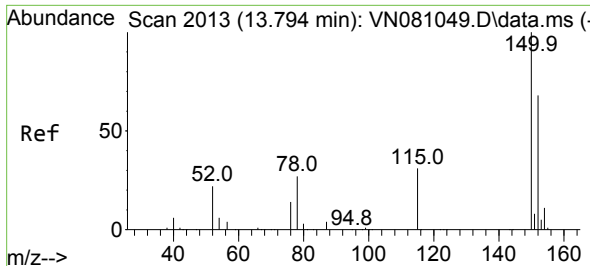
Tgt Ion:117 Resp: 527887
Ion Ratio Lower Upper
117 100
82 57.7 52.7 79.1
119 33.1 25.3 37.9



#68
m/p-Xylenes
Concen: 0.287 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

Tgt Ion:106 Resp: 2251
Ion Ratio Lower Upper
106 100
91 193.5 169.0 253.6

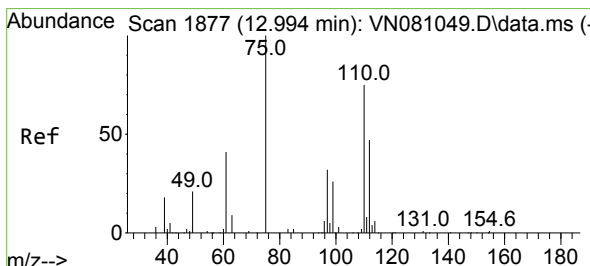
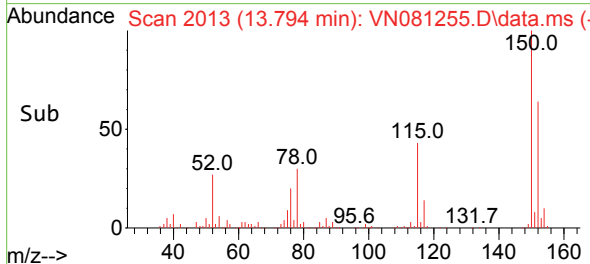
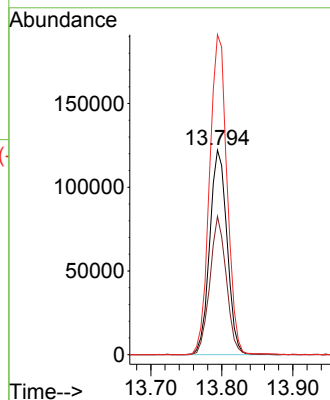
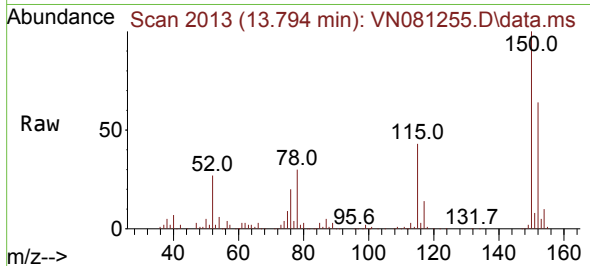




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

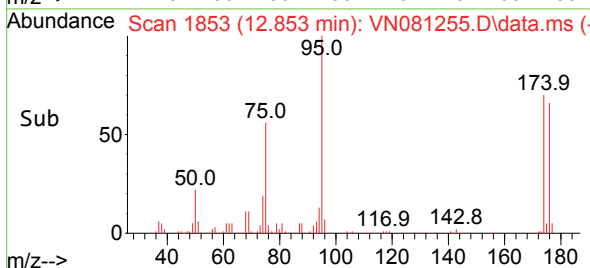
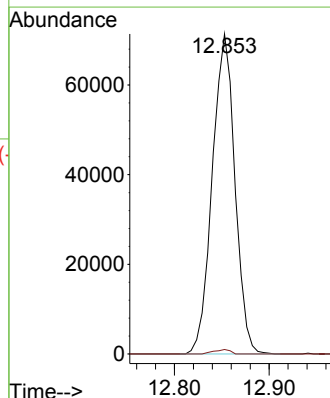
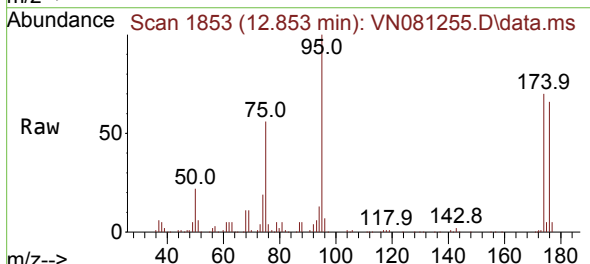
Instrument :
MSVOA_N
ClientSampleId :
1824-A

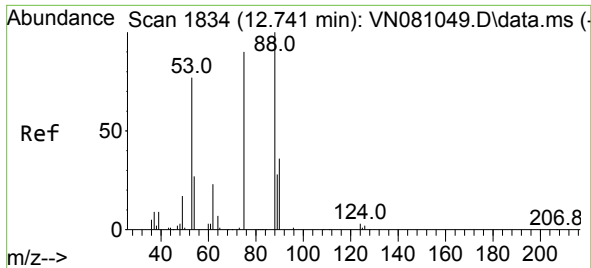
Tgt Ion:152 Resp: 207521
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 157.6 0.0 339.8



#76
1,2,3-Trichloropropane
Concen: 25.137 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

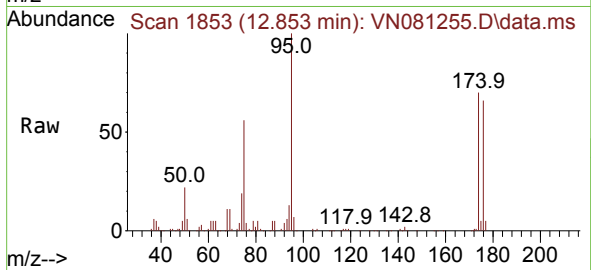
Tgt Ion: 75 Resp: 118523
Ion Ratio Lower Upper
75 100
77 1.0 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.702 ug/l
RT: 12.853 min Scan# 118523
Delta R.T. 0.112 min
Lab File: VN081255.D
Acq: 28 Feb 2024 20:05

Instrument :
MSVOA_N
ClientSampleId :
1824-A



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	71.4	107.2#
89	0.0	33.4	50.0#

