

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081557.D
 Acq On : 25 Mar 2024 13:19
 Operator : JC\MD
 Sample : P1838-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP300A-20240321

Quant Time: Mar 26 01:18:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

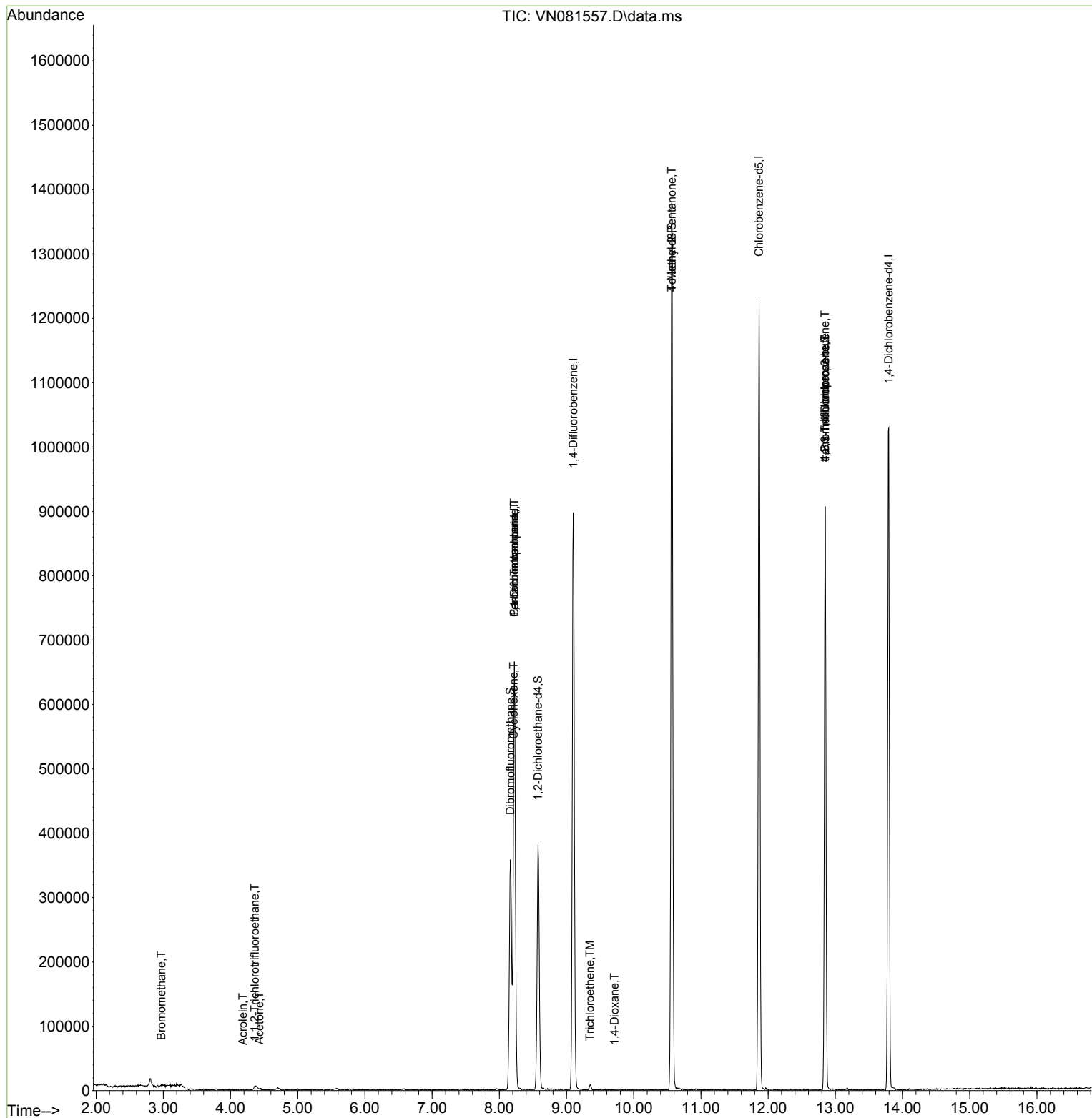
Internal Standards						
1) Pentafluorobenzene	8.224	168	474046	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	825977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	722991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	285684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	305290	50.500	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.000%			
35) Dibromofluoromethane	8.165	113	259872	49.853	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.700%			
50) Toluene-d8	10.565	98	970151	51.485	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.960%			
62) 4-Bromofluorobenzene	12.847	95	306127	46.105	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 92.220%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	1597	0.317	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	4.359	101	2635	0.436	ug/l #	68
13) Acrolein	4.183	56	445	0.471	ug/l #	34
16) Acetone	4.430	43	2076	1.063	ug/l #	71
31) Cyclohexane	8.212	56	10182	1.035	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	37937	4.325	ug/l #	49
38) Carbon Tetrachloride	8.224	117	50668	5.273	ug/l #	17
44) Trichloroethene	9.347	130	3216	0.446	ug/l	82
49) 1,4-Dioxane	9.712	88	64	0.464	ug/l #	18
51) 4-Methyl-2-Pentanone	10.565	43	3871	0.509	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	161236	23.594	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	161236	63.759	ug/l #	14

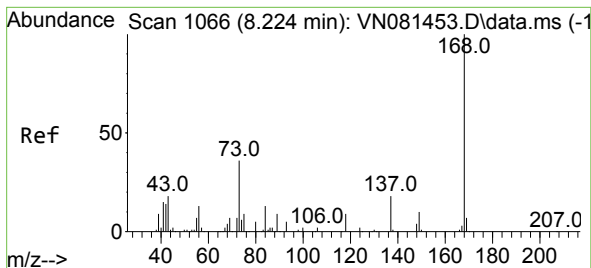
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
Data File : VN081557.D
Acq On : 25 Mar 2024 13:19
Operator : JC\MD
Sample : P1838-03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300A-20240321

Quant Time: Mar 26 01:18:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081557.D

Acq: 25 Mar 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

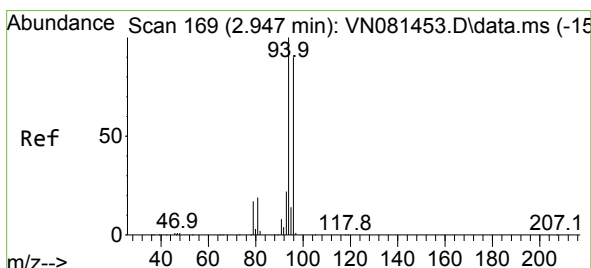
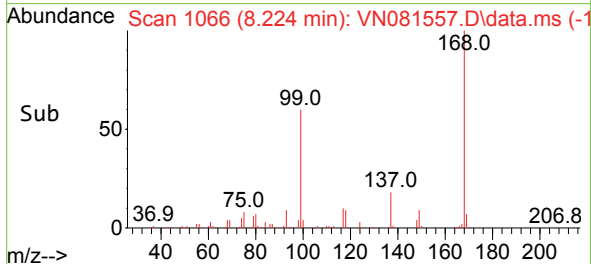
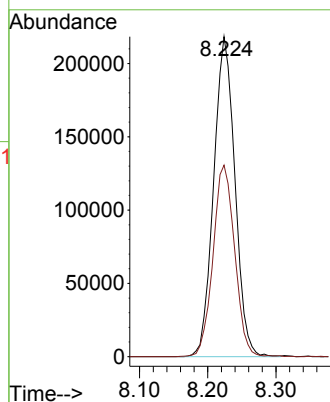
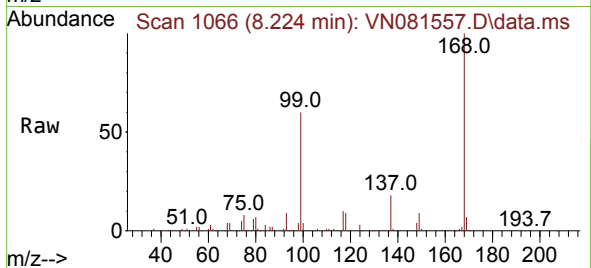
RE137-SP300A-20240321

Tgt Ion:168 Resp: 474046

Ion Ratio Lower Upper

168 100

99 59.8 59.9 89.9#



#5

Bromomethane

Concen: 0.317 ug/l

RT: 2.971 min Scan# 173

Delta R.T. 0.024 min

Lab File: VN081557.D

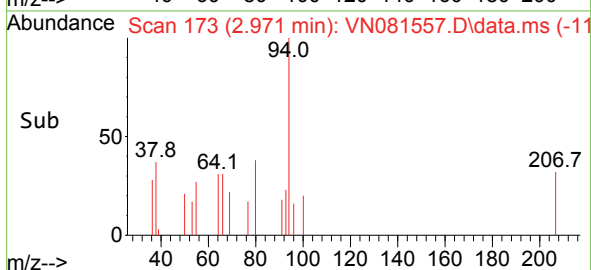
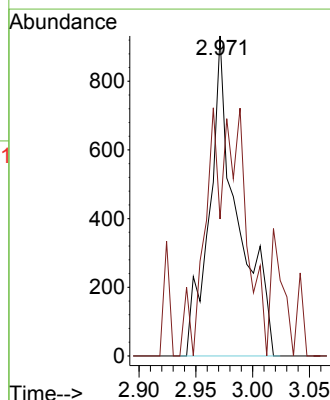
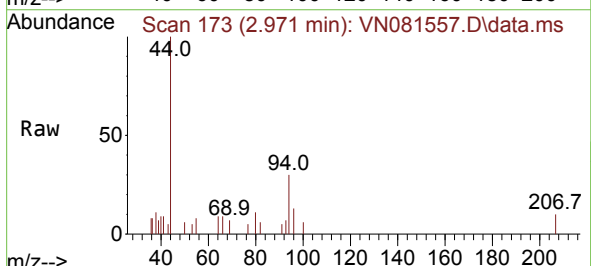
Acq: 25 Mar 2024 13:19

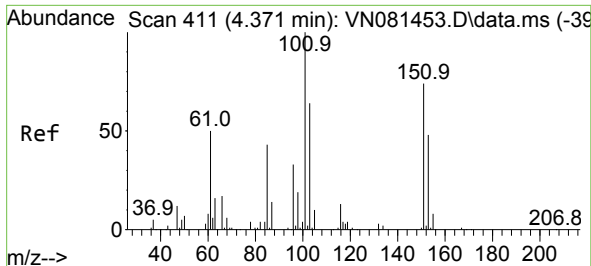
Tgt Ion: 94 Resp: 1597

Ion Ratio Lower Upper

94 100

96 42.8 69.2 103.8#

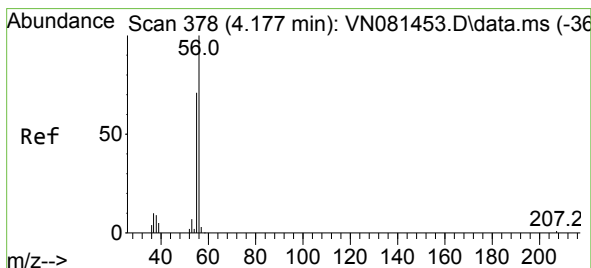
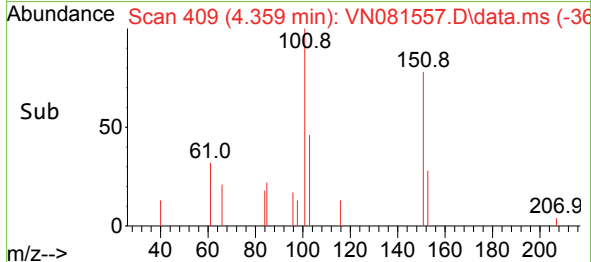
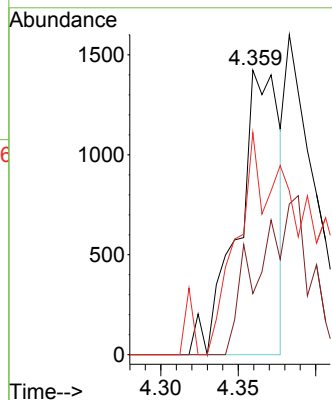
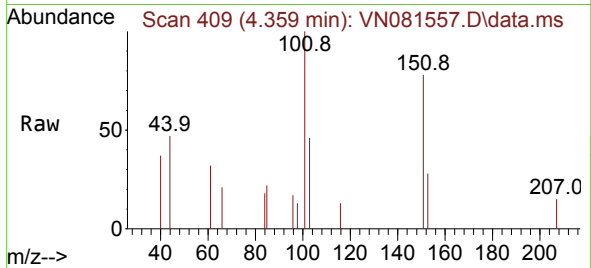




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.436 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

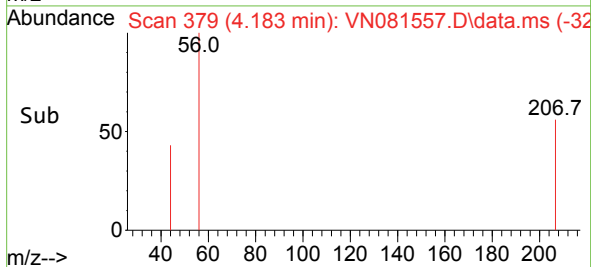
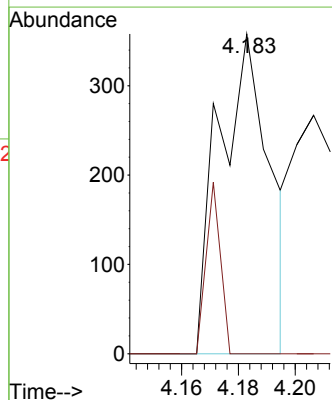
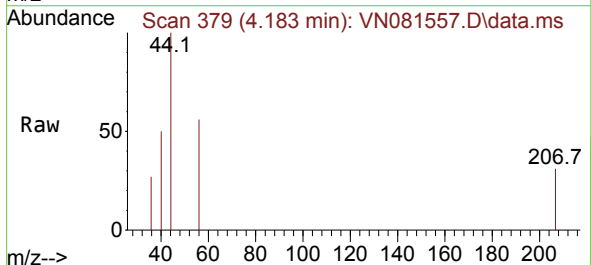
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300A-20240321

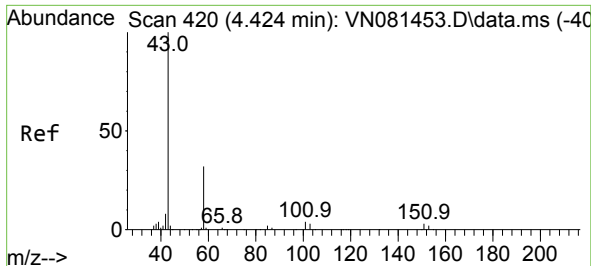
Tgt Ion:101 Resp: 2635
Ion Ratio Lower Upper
101 100
85 0.0 38.1 57.1#
151 59.4 49.1 73.7



#13
Acrolein
Concen: 0.471 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

Tgt Ion: 56 Resp: 445
Ion Ratio Lower Upper
56 100
55 15.3 55.3 82.9#

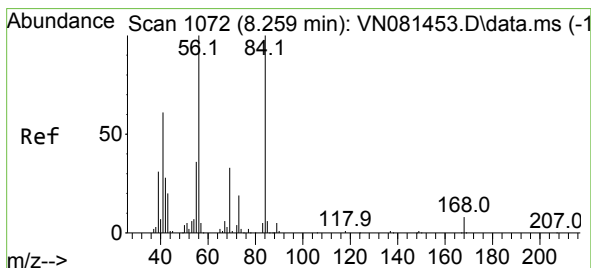
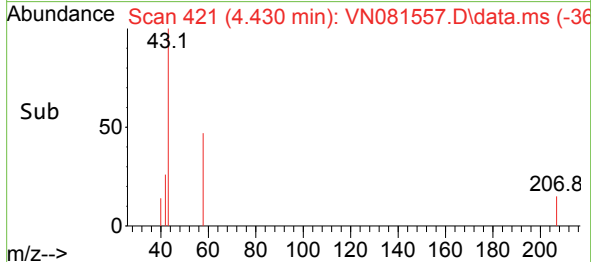
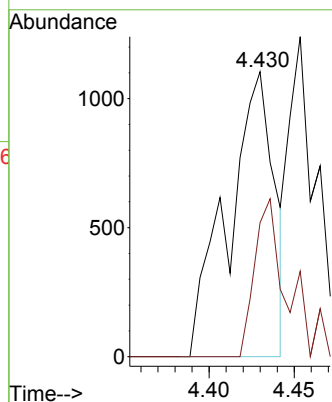
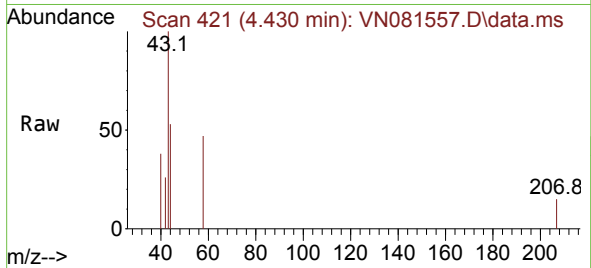




#16
Acetone
Concen: 1.063 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

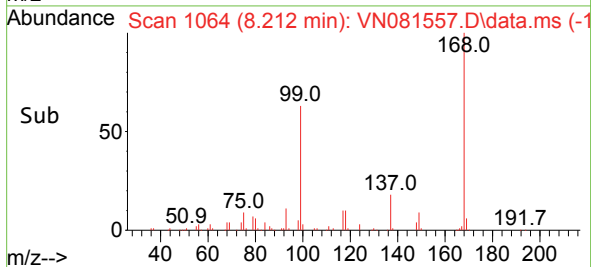
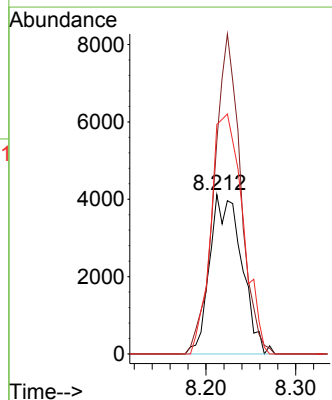
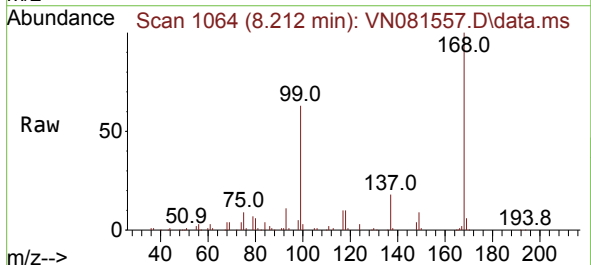
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300A-20240321

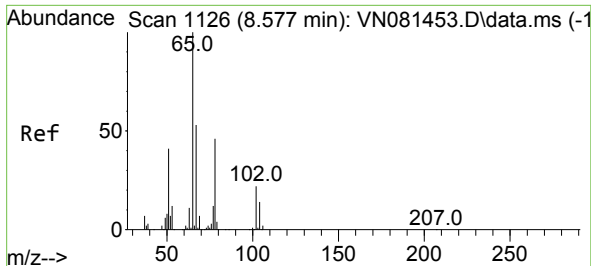
Tgt Ion: 43 Resp: 2076
Ion Ratio Lower Upper
43 100
58 47.0 24.8 37.2#



#31
Cyclohexane
Concen: 1.035 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.047 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

Tgt Ion: 56 Resp: 10182
Ion Ratio Lower Upper
56 100
69 133.6 20.1 30.1#
84 144.0 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 50.500 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081557.D

Acq: 25 Mar 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

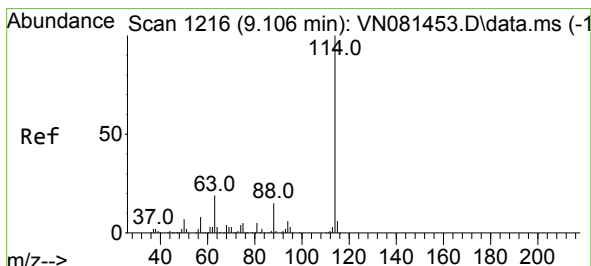
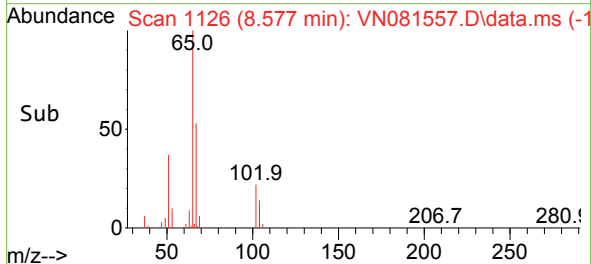
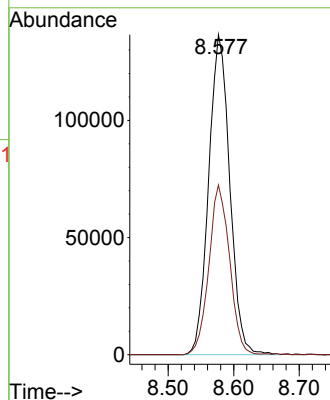
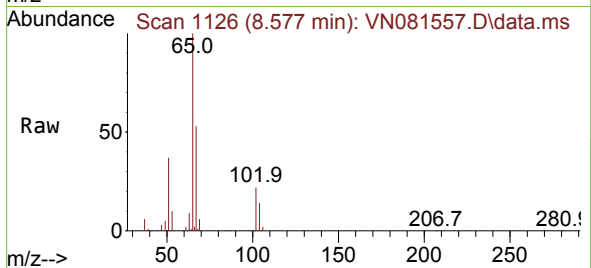
RE137-SP300A-20240321

Tgt Ion: 65 Resp: 305290

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081557.D

Acq: 25 Mar 2024 13:19

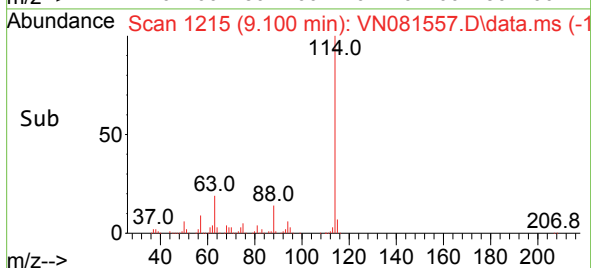
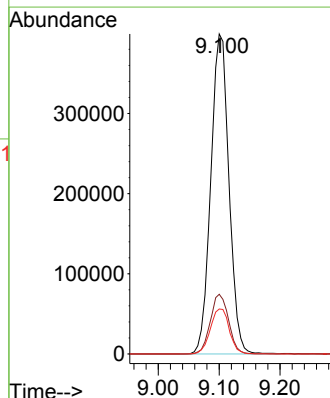
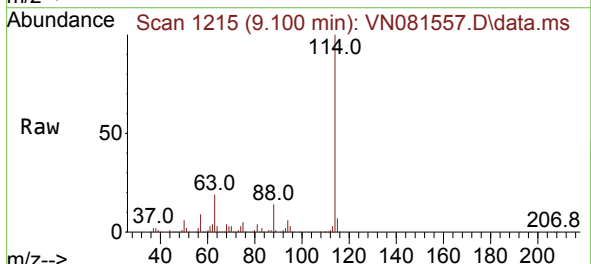
Tgt Ion: 114 Resp: 825977

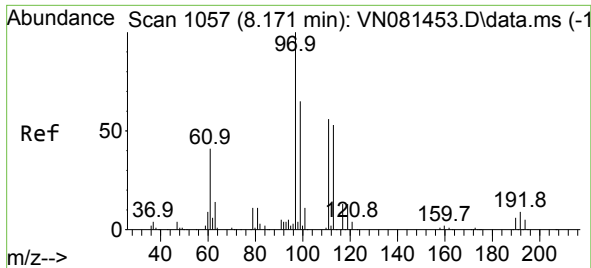
Ion Ratio Lower Upper

114 100

63 18.6 0.0 48.0

88 14.1 0.0 34.8

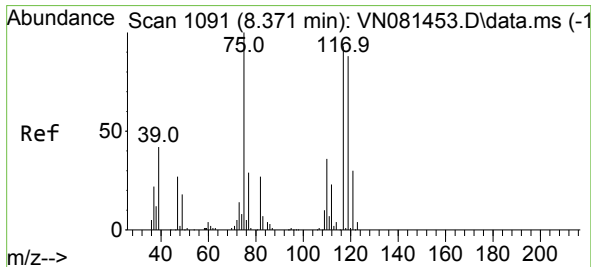
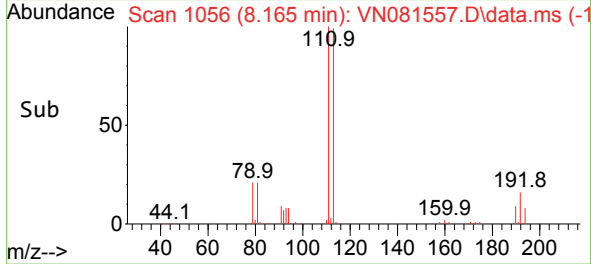
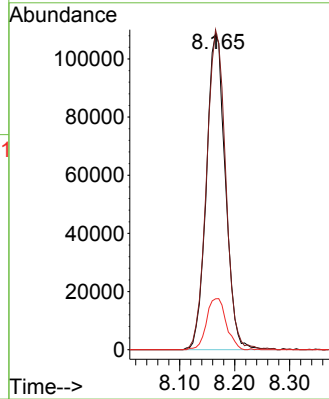
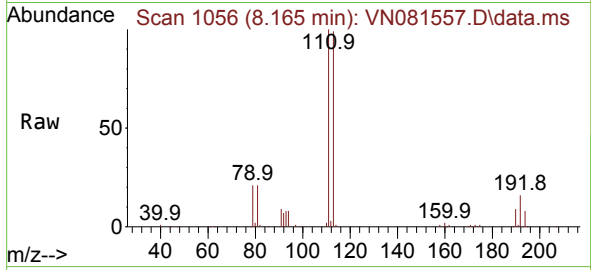




#35
Dibromofluoromethane
Concen: 49.853 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

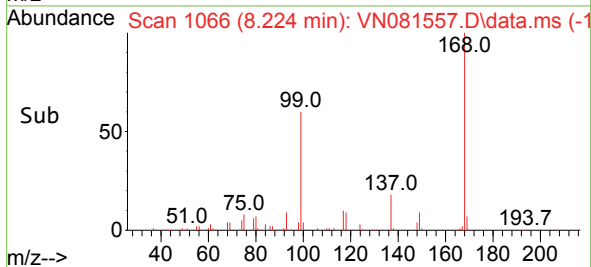
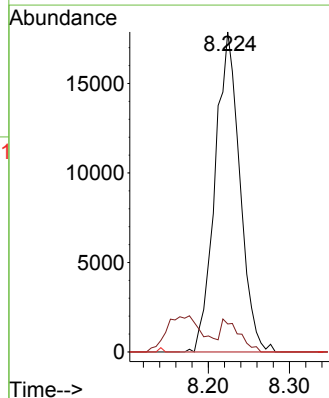
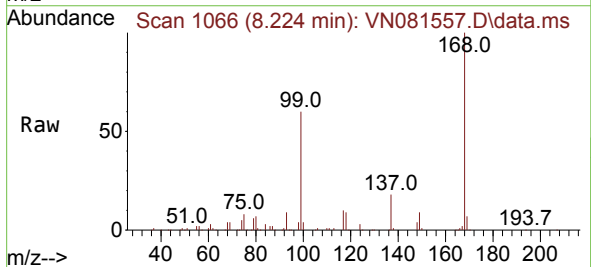
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300A-20240321

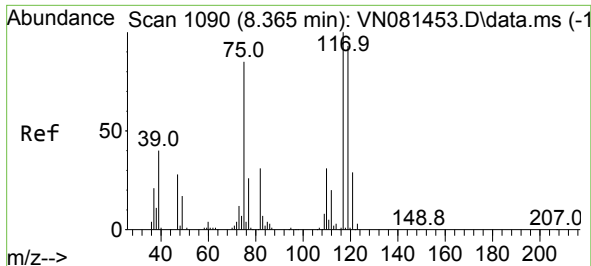
Tgt Ion:113 Resp: 259872
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 16.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.325 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

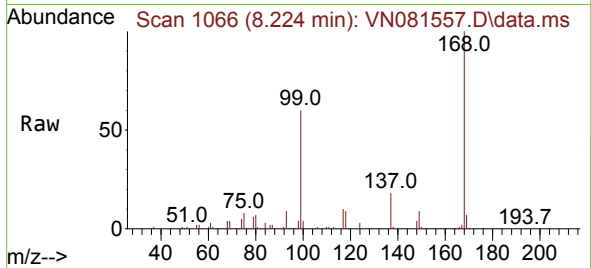
Tgt Ion: 75 Resp: 37937
Ion Ratio Lower Upper
75 100
110 7.5 16.0 48.0#
77 0.0 25.8 38.6#



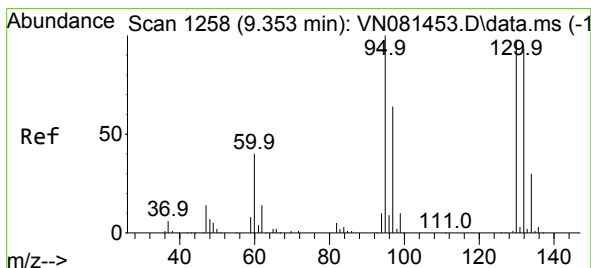
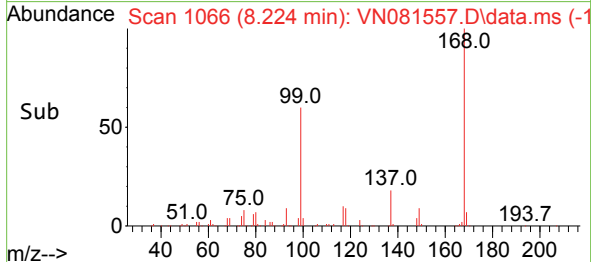
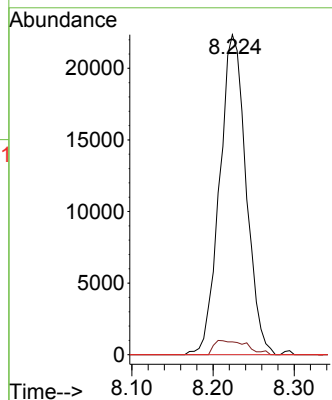


#38
Carbon Tetrachloride
Concen: 5.273 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300A-20240321

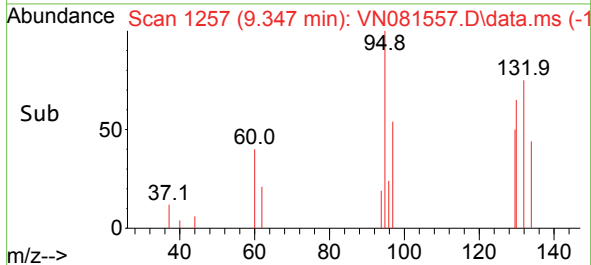
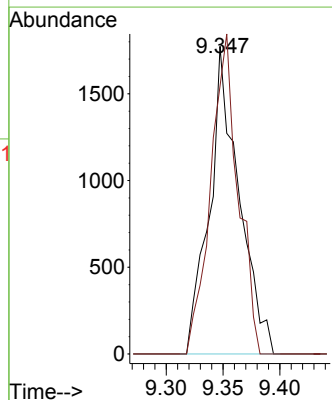
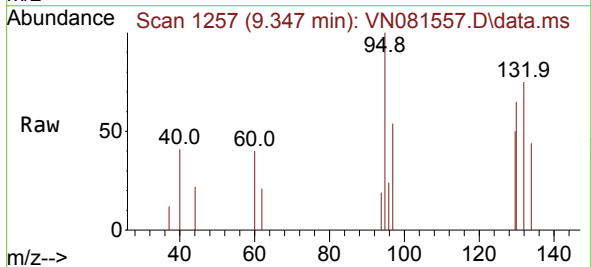


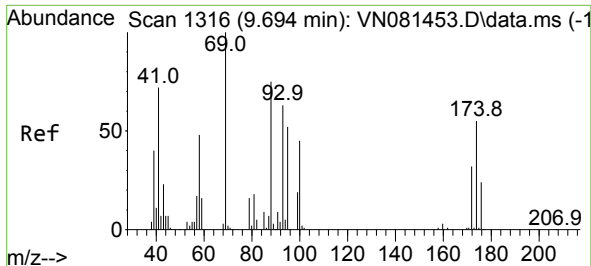
Tgt Ion:117 Resp: 50668
Ion Ratio Lower Upper
117 100
119 4.0 73.4 110.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.446 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

Tgt Ion:130 Resp: 3216
Ion Ratio Lower Upper
130 100
95 87.1 0.0 210.4





#49

1,4-Dioxane

Concen: 0.464 ug/l

RT: 9.712 min Scan# 1

Delta R.T. 0.018 min

Lab File: VN081557.D

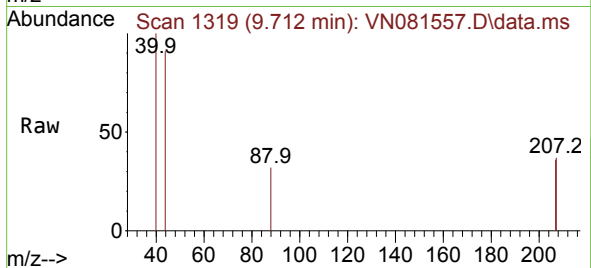
Acq: 25 Mar 2024 13:19

Instrument :

MSVOA_N

ClientSampleId :

RE137-SP300A-20240321



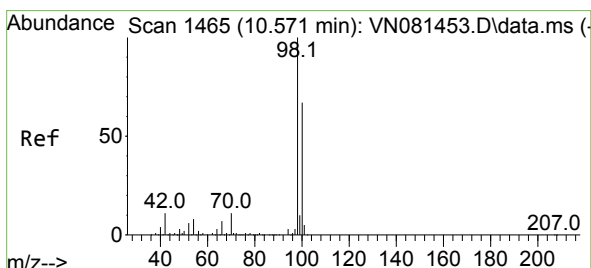
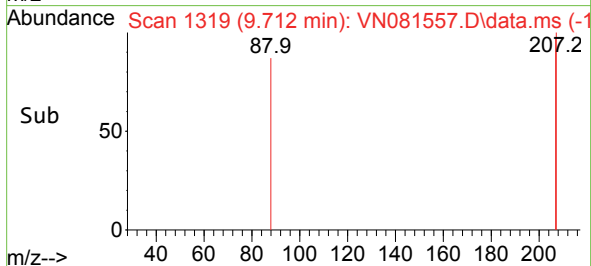
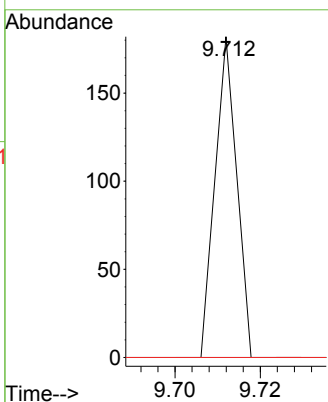
Tgt Ion: 88 Resp: 64

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 51.485 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081557.D

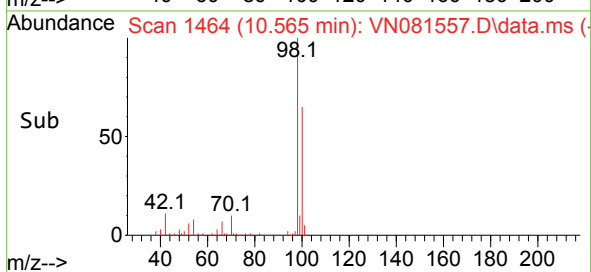
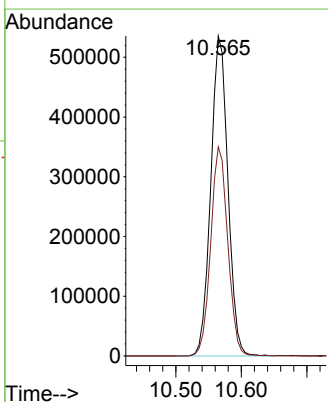
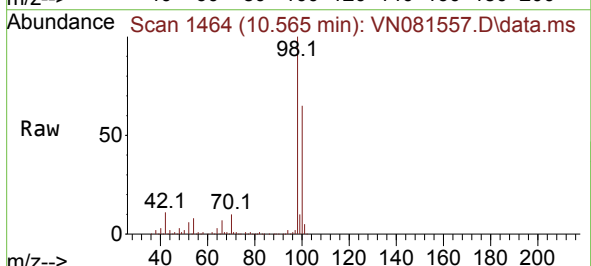
Acq: 25 Mar 2024 13:19

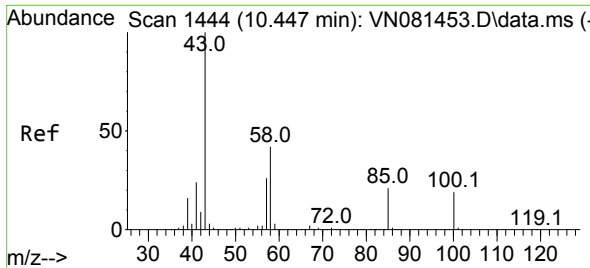
Tgt Ion: 98 Resp: 970151

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0

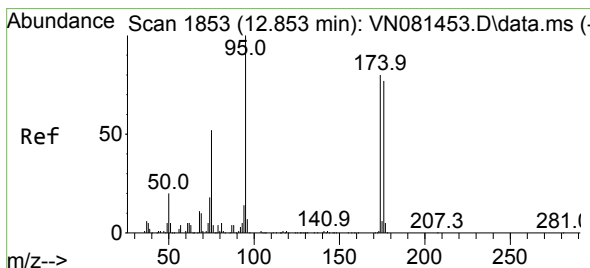
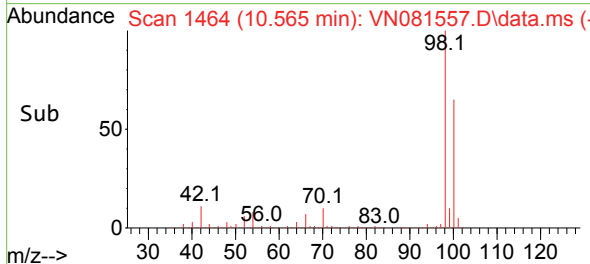
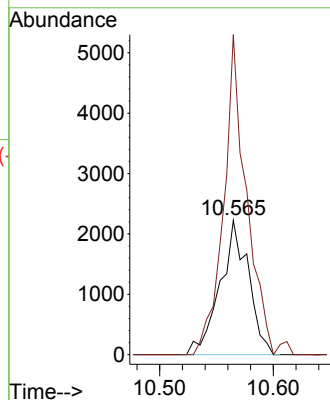
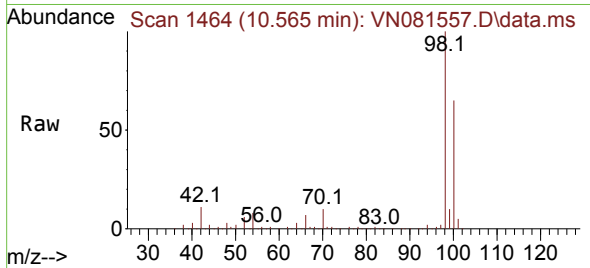




#51
4-Methyl-2-Pentanone
Concen: 0.509 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

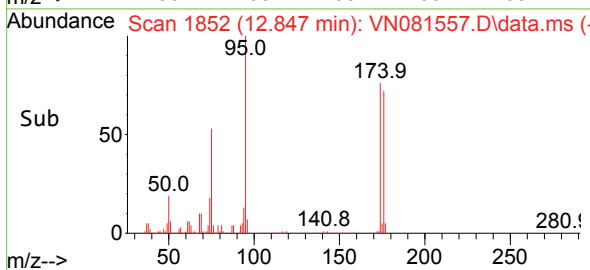
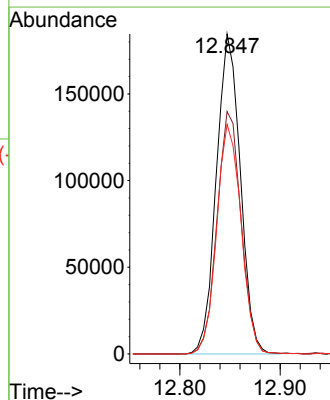
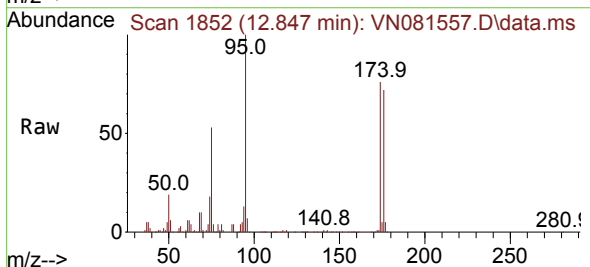
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300A-20240321

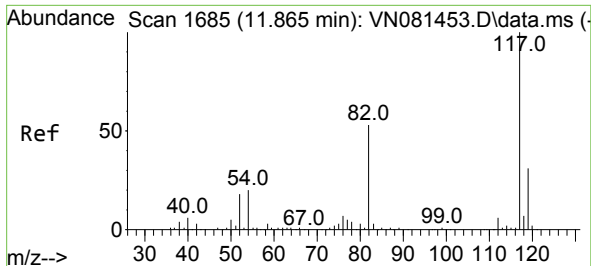
Tgt Ion: 43 Resp: 3871
Ion Ratio Lower Upper
43 100
58 194.3 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 46.105 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

Tgt Ion: 95 Resp: 306127
Ion Ratio Lower Upper
95 100
174 76.6 0.0 120.4
176 73.1 0.0 121.0

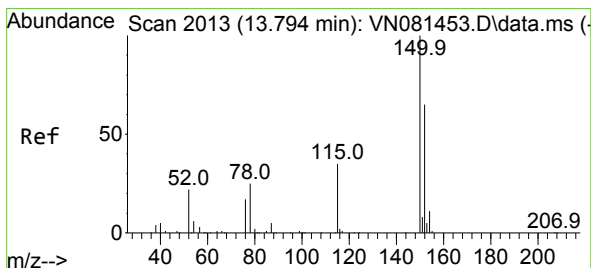
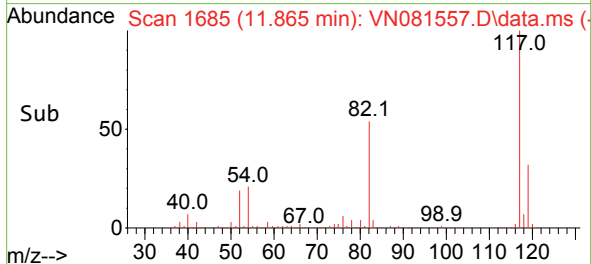
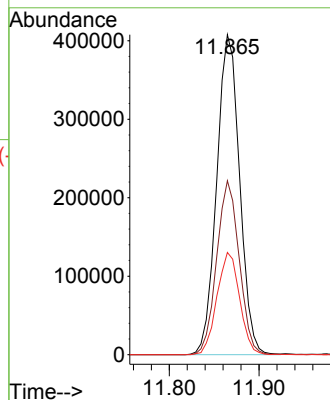
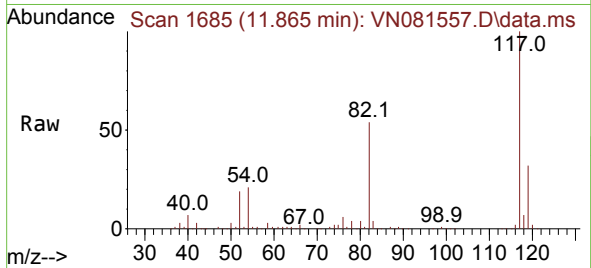




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

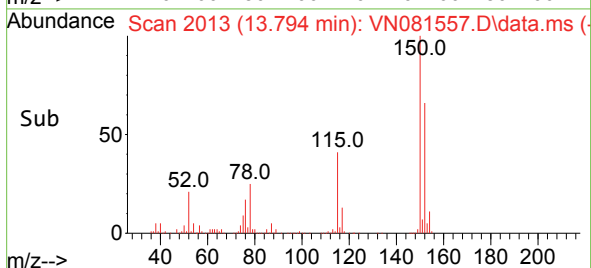
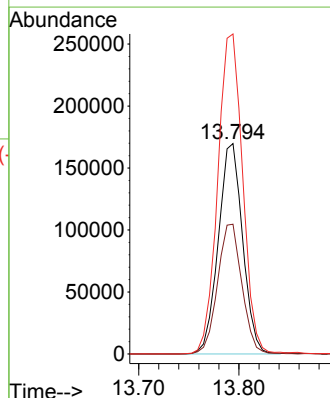
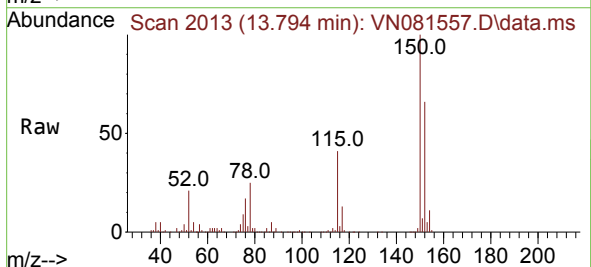
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300A-20240321

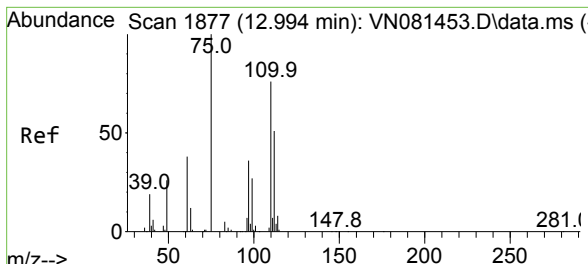
Tgt Ion:117 Resp: 722991
Ion Ratio Lower Upper
117 100
82 54.4 52.7 79.1
119 31.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

Tgt Ion:152 Resp: 285684
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 155.9 0.0 339.8

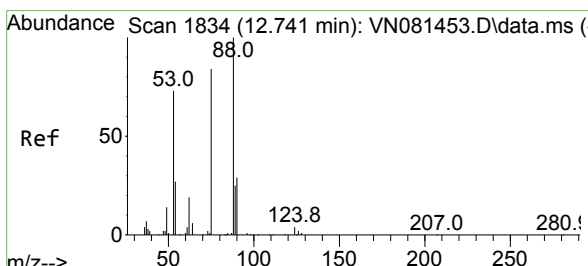
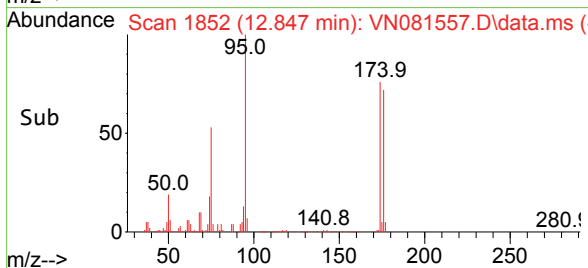
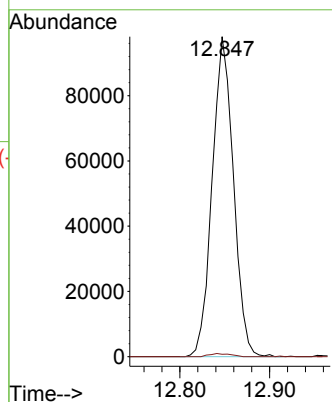
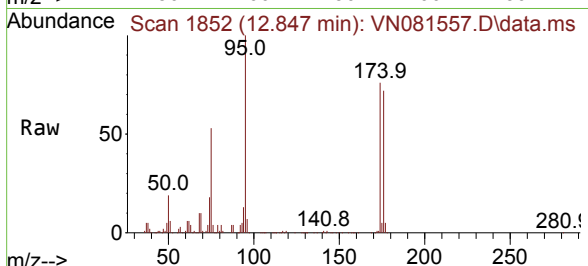




#76
1,2,3-Trichloropropane
Concen: 23.594 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300A-20240321

Tgt Ion: 75 Resp: 161236
Ion Ratio Lower Upper
75 100
77 1.0 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.759 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081557.D
Acq: 25 Mar 2024 13:19

Tgt Ion: 75 Resp: 161236
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

