

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081558.D
 Acq On : 25 Mar 2024 13:43
 Operator : JC\MD
 Sample : P1838-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP300B-20240321

Quant Time: Mar 26 01:18:44 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)

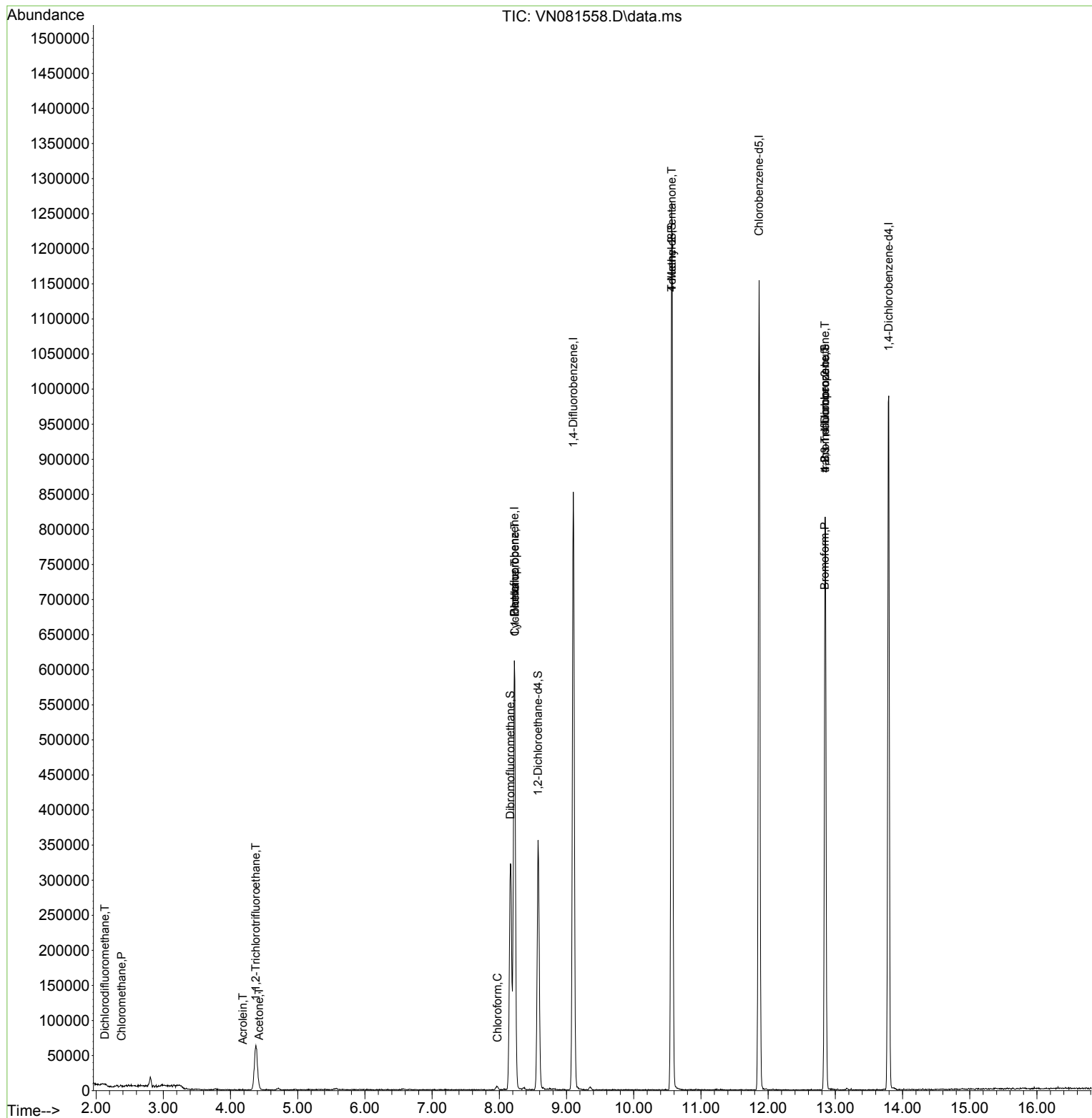
Internal Standards						
1) Pentafluorobenzene	8.224	168	434398	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	765792	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	669952	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	269527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	274309	49.517	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.040%		
35) Dibromofluoromethane	8.165	113	237743	49.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	10.565	98	904789	51.790	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.580%		
62) 4-Bromofluorobenzene	12.847	95	277118	45.017	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	90.040%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	1378	0.236	ug/l	80
3) Chloromethane	2.377	50	1266	0.217	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	44077	7.964	ug/l #	89
13) Acrolein	4.183	56	313	0.361	ug/l #	65
16) Acetone	4.424	43	2436	1.361	ug/l #	44
30) Chloroform	7.971	83	4806	0.449	ug/l	97
31) Cyclohexane	8.230	56	9950	1.104	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	35146	4.321	ug/l #	51
51) 4-Methyl-2-Pentanone	10.565	43	3276	0.465	ug/l #	1
71) Bromoform	12.841	173	2604	0.590	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	147270	22.842	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	147270	61.728	ug/l #	14

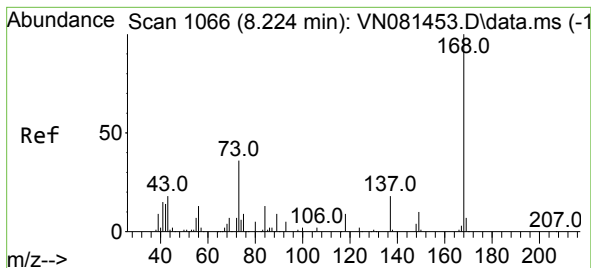
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081558.D

Acq: 25 Mar 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

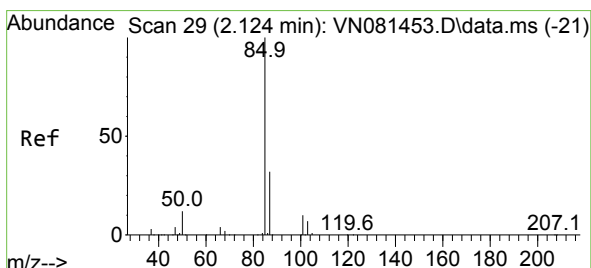
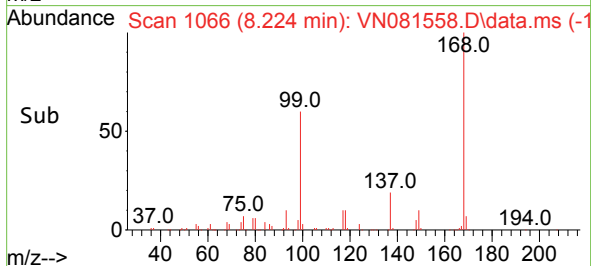
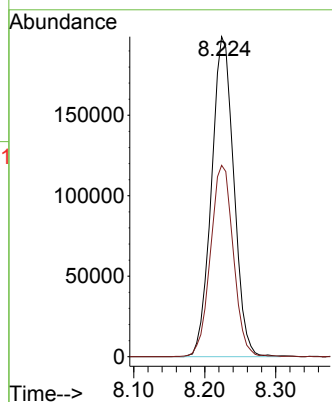
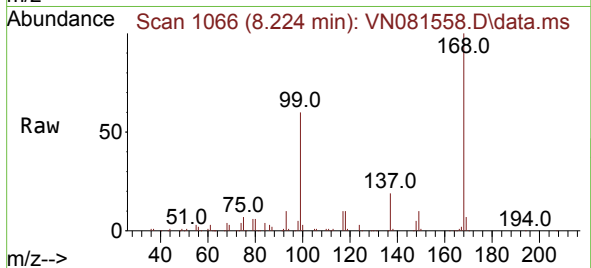
RE137-SP300B-20240321

Tgt Ion:168 Resp: 434398

Ion Ratio Lower Upper

168 100

99 59.7 59.9 89.9#



#2

Dichlorodifluoromethane

Concen: 0.236 ug/l

RT: 2.130 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN081558.D

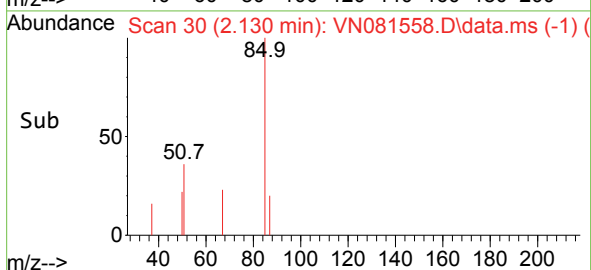
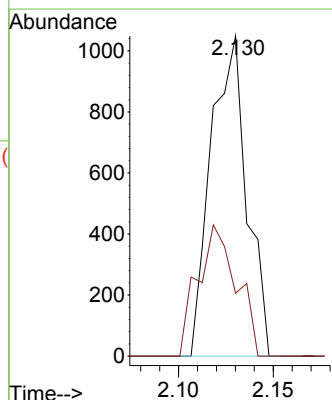
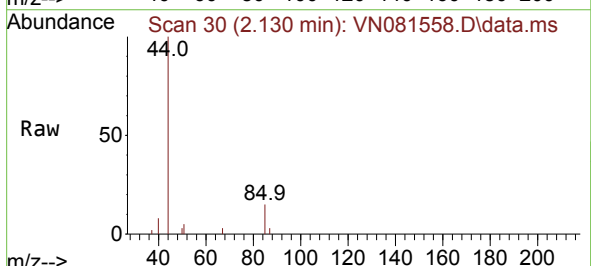
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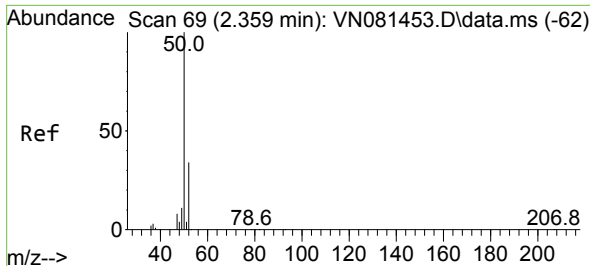
Tgt Ion: 85 Resp: 1378

Ion Ratio Lower Upper

85 100

87 19.6 15.3 45.9

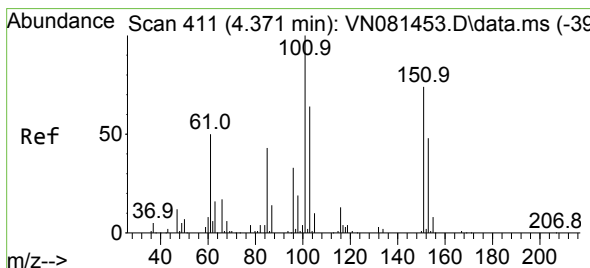
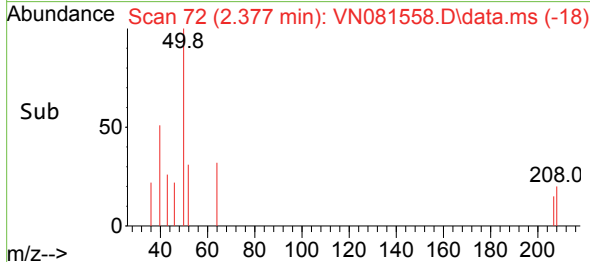
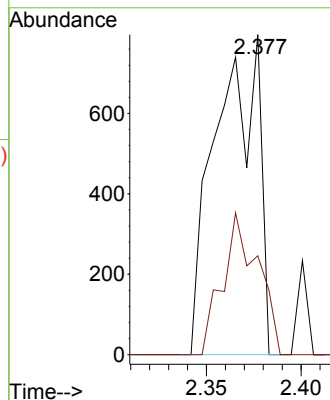
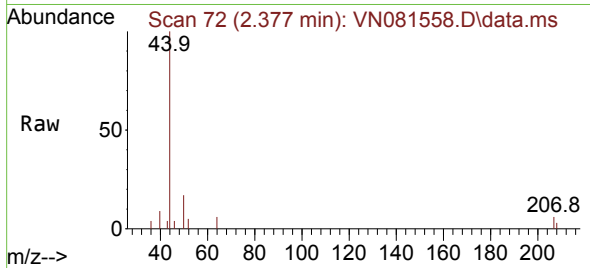




#3
Chloromethane
Concen: 0.217 ug/l
RT: 2.377 min Scan# 71
Delta R.T. 0.018 min
Lab File: VN081558.D
Acq: 25 Mar 2024 13:43

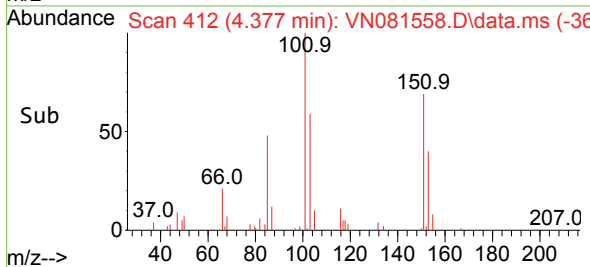
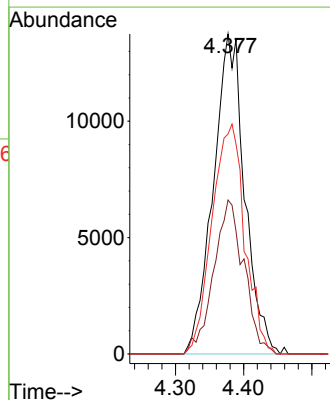
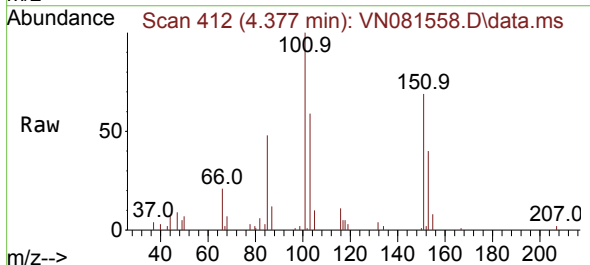
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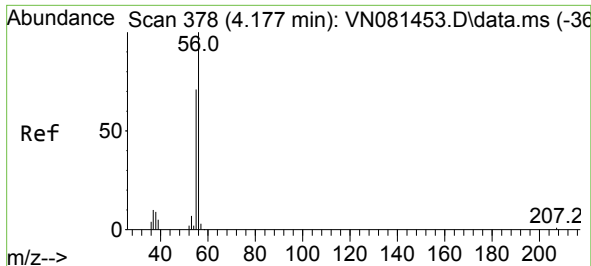
Tgt Ion: 50 Resp: 1266
Ion Ratio Lower Upper
50 100
52 30.9 25.0 37.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.964 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN081558.D
Acq: 25 Mar 2024 13:43

Tgt Ion: 101 Resp: 44077
Ion Ratio Lower Upper
101 100
85 46.3 38.1 57.1
151 75.0 49.1 73.7#

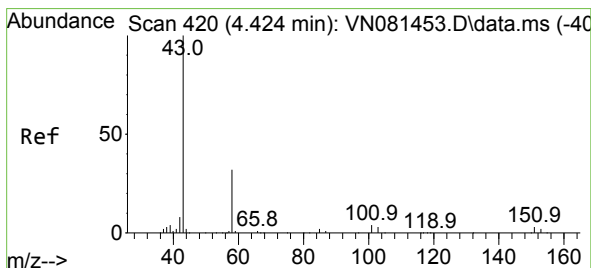
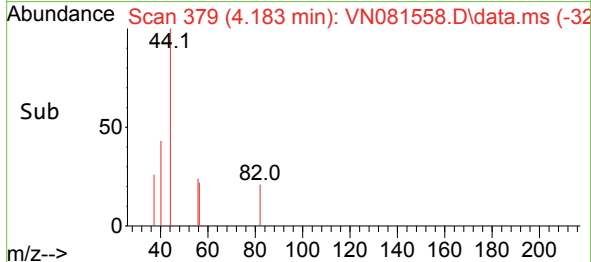
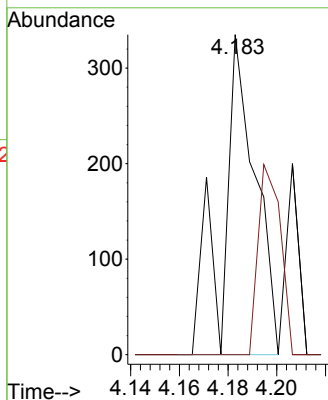
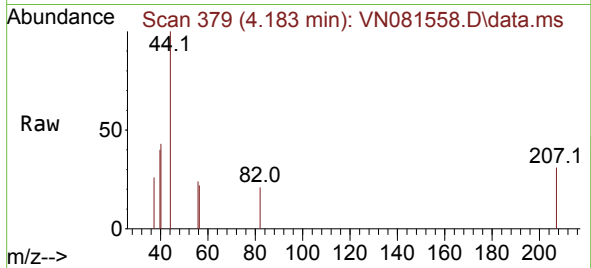




#13
Acrolein
Concen: 0.361 ug/l
RT: 4.183 min Scan# 313
Delta R.T. 0.006 min
Lab File: VN081558.D
Acq: 25 Mar 2024 13:43

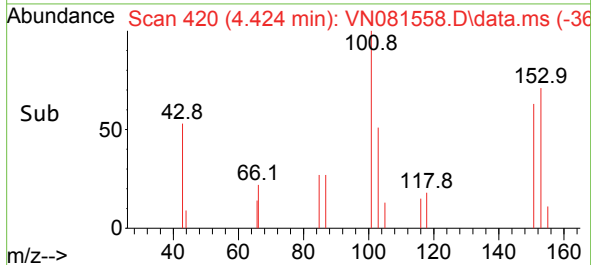
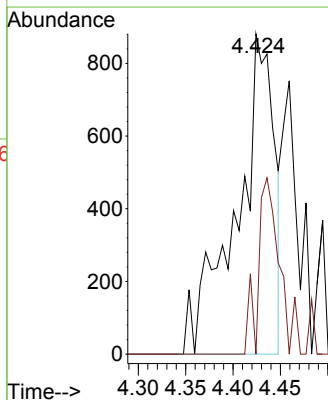
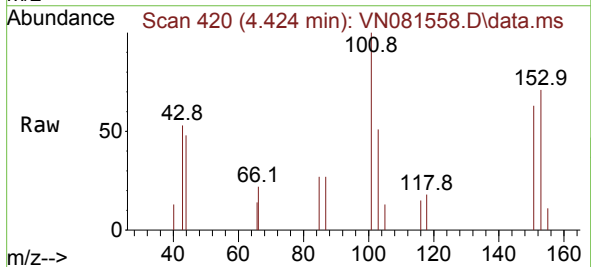
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300B-20240321

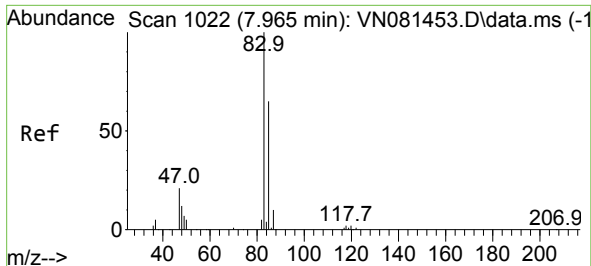
Tgt Ion: 56 Resp: 313
Ion Ratio Lower Upper
56 100
55 40.6 55.3 82.9#



#16
Acetone
Concen: 1.361 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081558.D
Acq: 25 Mar 2024 13:43

Tgt Ion: 43 Resp: 2436
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#





#30

Chloroform

Concen: 0.449 ug/l

RT: 7.971 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081558.D

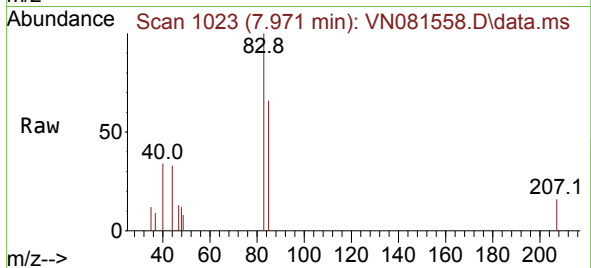
Acq: 25 Mar 2024 13:43

Instrument :

MSVOA_N

ClientSampleId :

RE137-SP300B-20240321

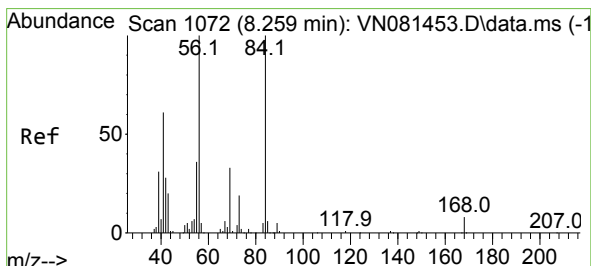
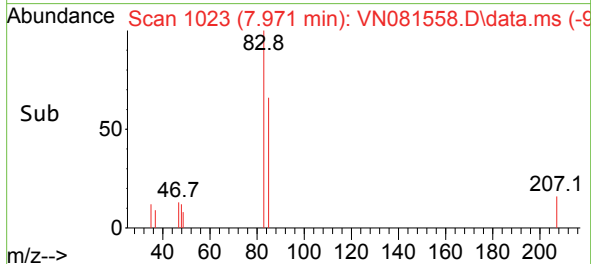
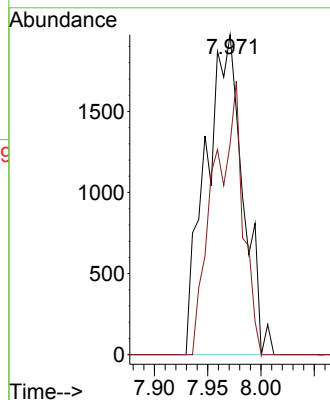


Tgt Ion: 83 Resp: 4806

Ion Ratio Lower Upper

83 100

85 65.8 51.0 76.6



#31

Cyclohexane

Concen: 1.104 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN081558.D

Acq: 25 Mar 2024 13:43

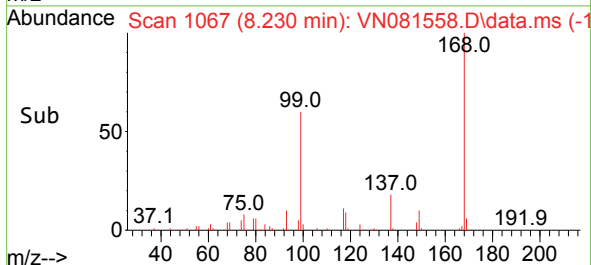
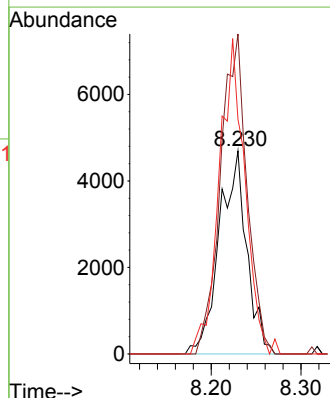
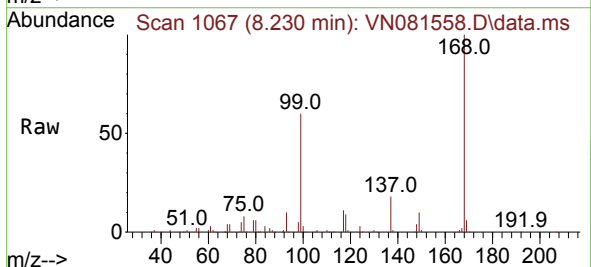
Tgt Ion: 56 Resp: 9950

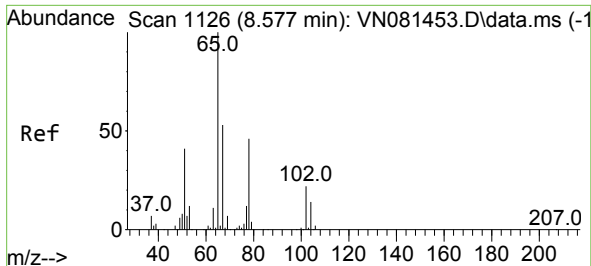
Ion Ratio Lower Upper

56 100

69 157.6 20.1 30.1#

84 115.7 56.9 85.3#

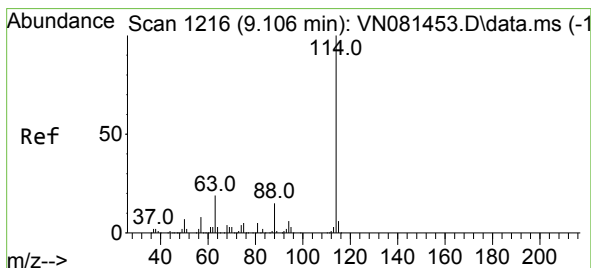
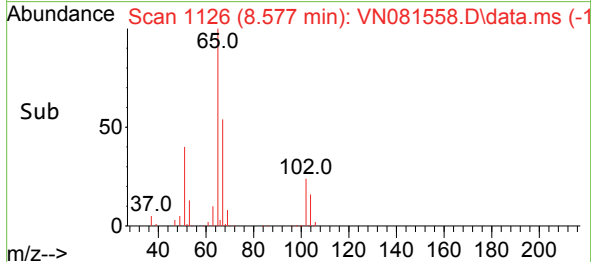
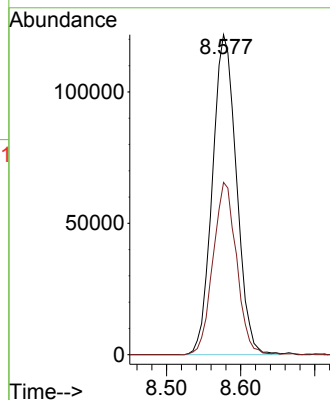
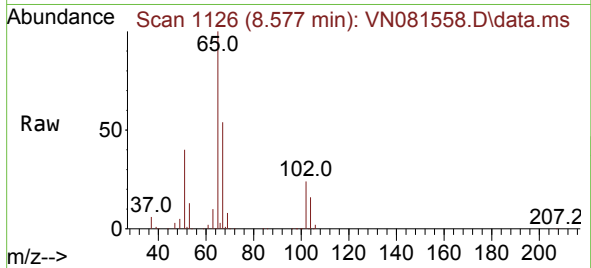




#33
1,2-Dichloroethane-d4
Concen: 49.517 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081558.D
Acq: 25 Mar 2024 13:43

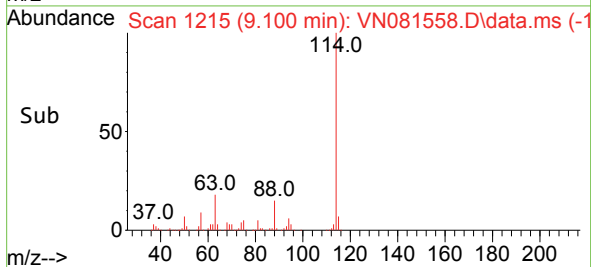
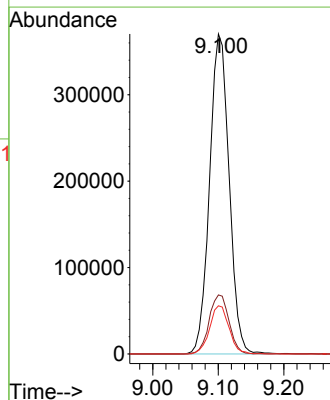
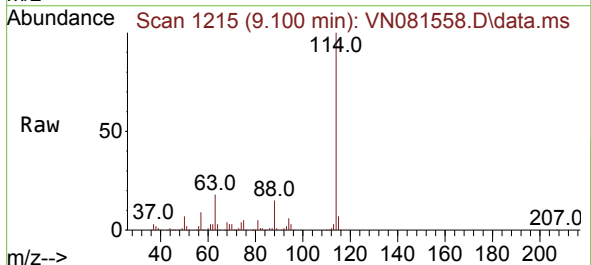
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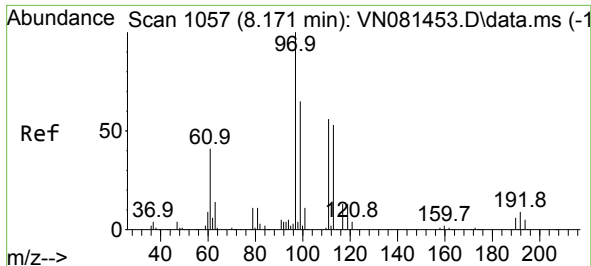
Tgt Ion: 65 Resp: 274309
Ion Ratio Lower Upper
65 100
67 52.8 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081558.D
Acq: 25 Mar 2024 13:43

Tgt Ion: 114 Resp: 765792
Ion Ratio Lower Upper
114 100
63 18.5 0.0 48.0
88 15.0 0.0 34.8

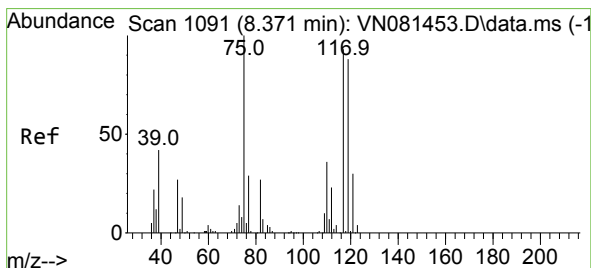
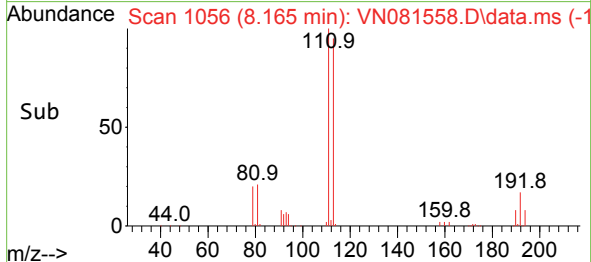
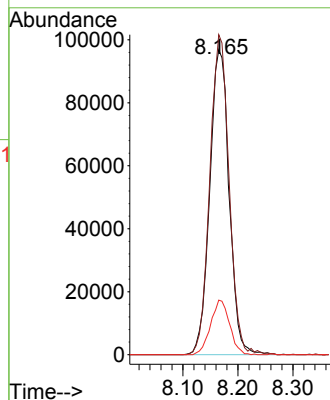
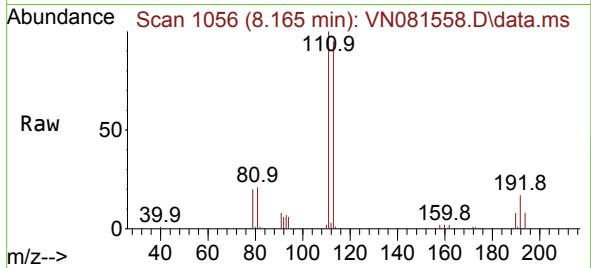




#35
Dibromofluoromethane
Concen: 49.192 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081558.D
Acq: 25 Mar 2024 13:43

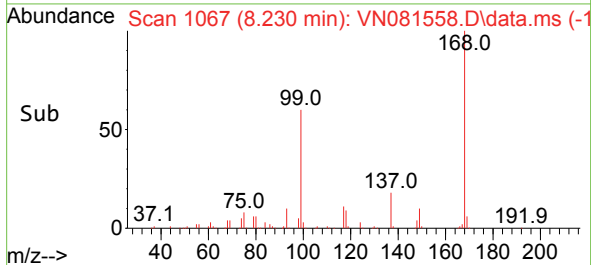
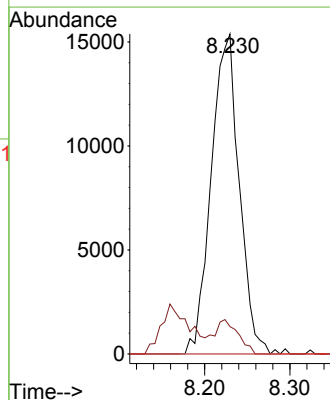
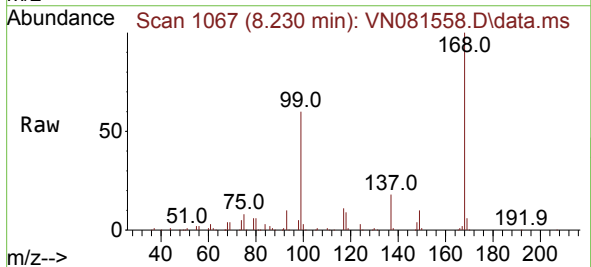
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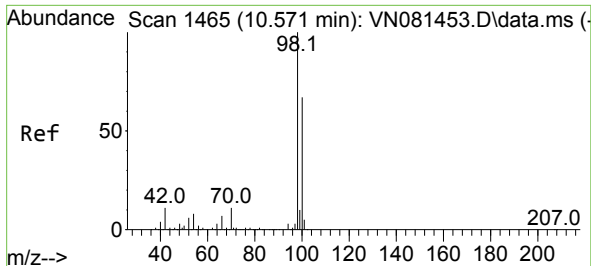
Tgt Ion:113 Resp: 237743
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 17.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.321 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081558.D
Acq: 25 Mar 2024 13:43

Tgt Ion: 75 Resp: 35146
Ion Ratio Lower Upper
75 100
110 9.2 16.0 48.0#
77 0.0 25.8 38.6#

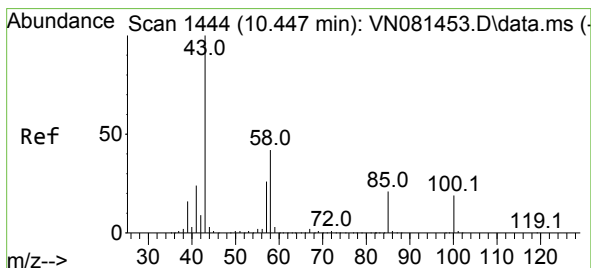
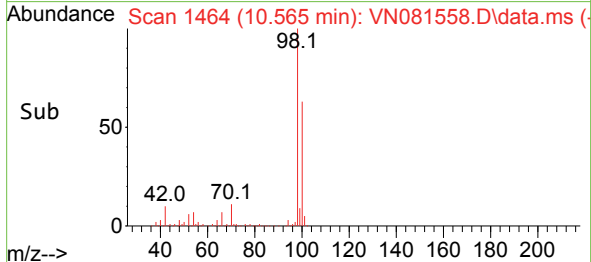
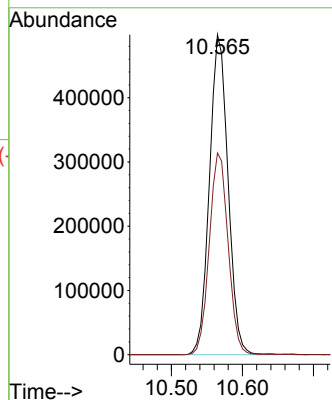
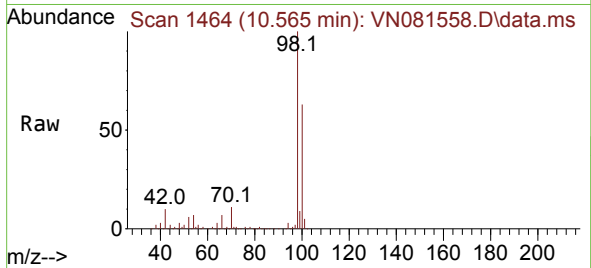




#50
Toluene-d8
Concen: 51.790 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081558.D
Acq: 25 Mar 2024 13:43

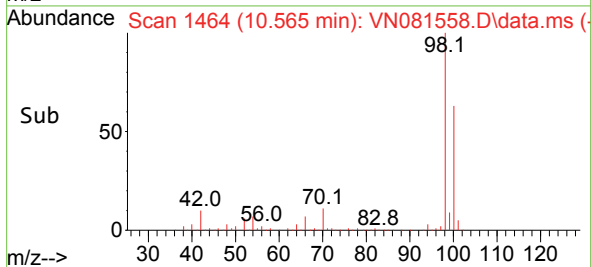
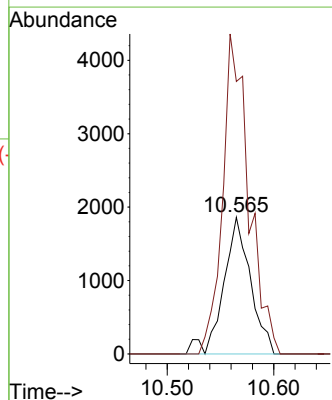
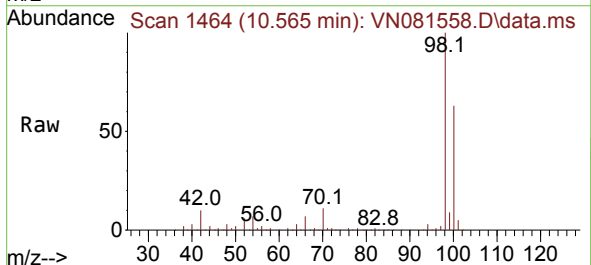
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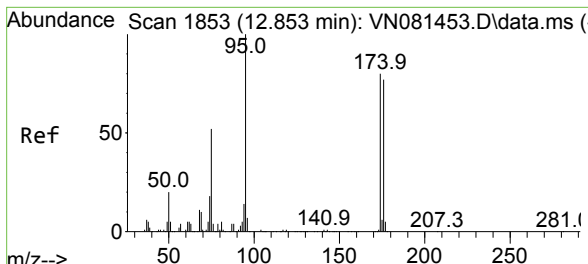
Tgt Ion: 98 Resp: 904789
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN081558.D
Acq: 25 Mar 2024 13:43

Tgt Ion: 43 Resp: 3276
Ion Ratio Lower Upper
43 100
58 227.2 29.4 44.0#

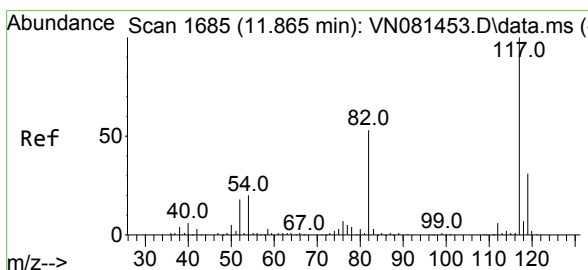
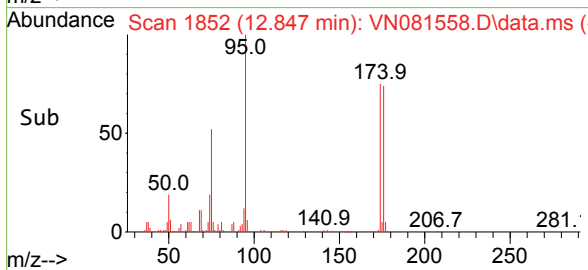
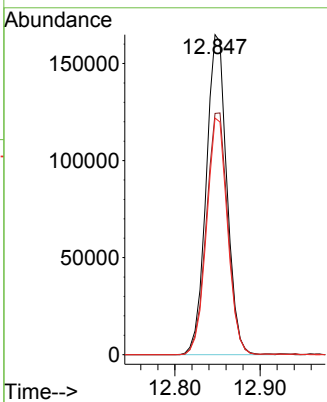
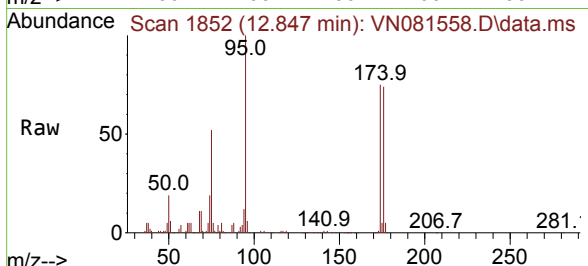




#62
 4-Bromofluorobenzene
 Concen: 45.017 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: VN081558.D
 Acq: 25 Mar 2024 13:43

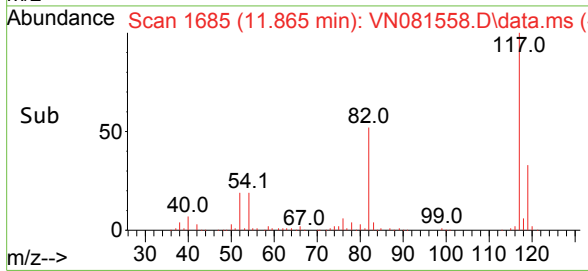
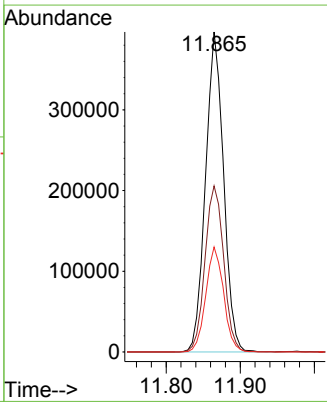
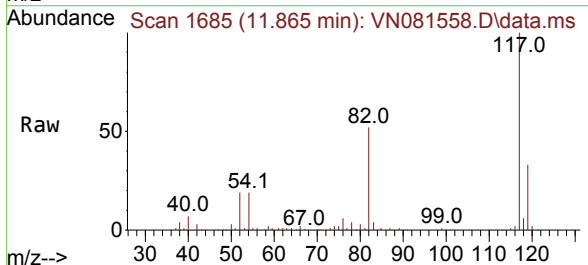
Instrument : MSVOA_N
 ClientSampleId : RE137-SP300B-20240321

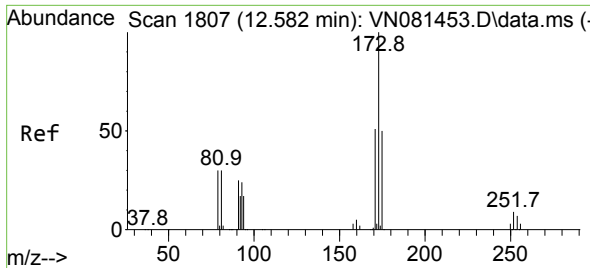
Tgt Ion:	95	Resp:	277118
Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	120.4
176	75.0	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081558.D
 Acq: 25 Mar 2024 13:43

Tgt Ion:	117	Resp:	669952
Ion	Ratio	Lower	Upper
117	100		
82	51.9	52.7	79.1#
119	32.8	25.3	37.9

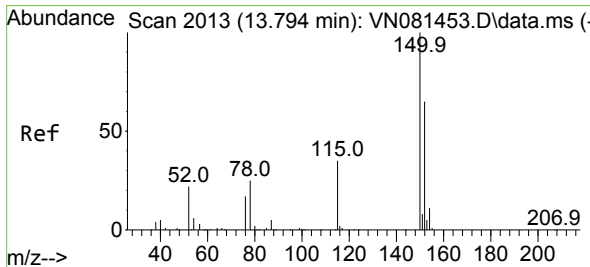
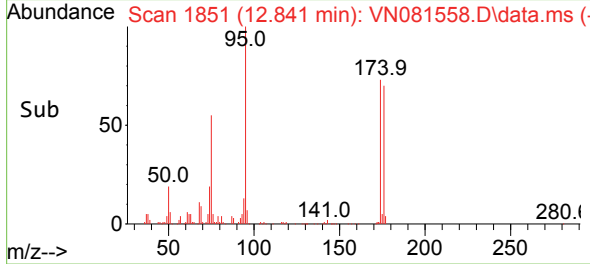
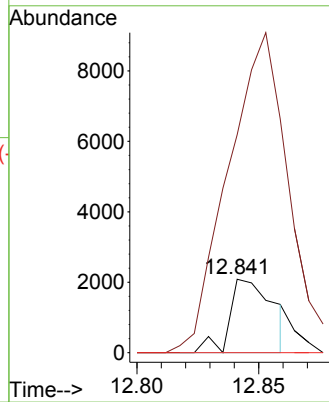
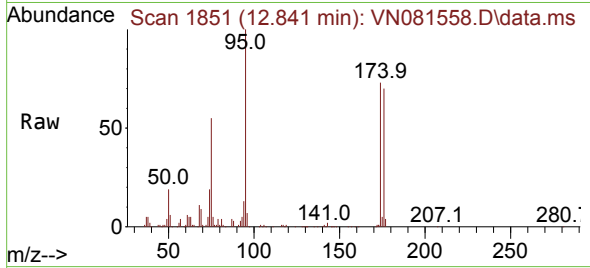




#71
Bromoform
Concen: 0.590 ug/l
RT: 12.841 min Scan# 1807
Delta R.T. 0.259 min
Lab File: VN081558.D
Acq: 25 Mar 2024 13:43

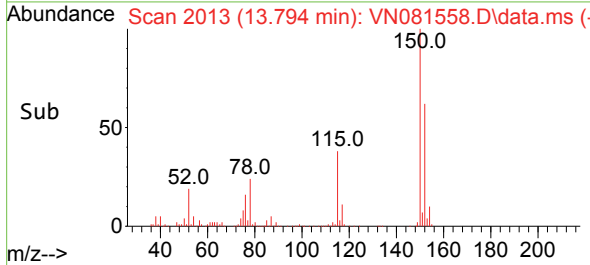
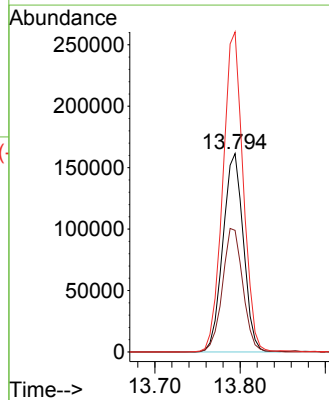
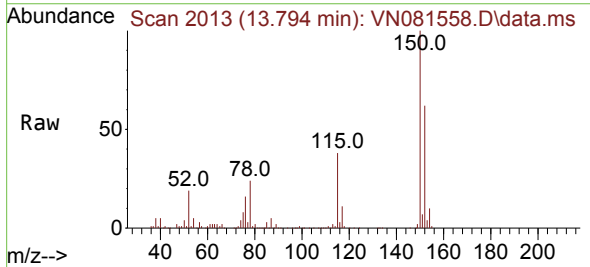
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300B-20240321

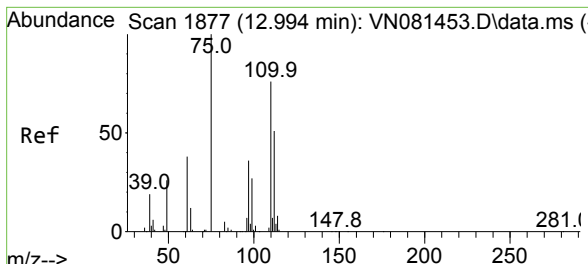
Tgt Ion:173 Resp: 2604
Ion Ratio Lower Upper
173 100
175 516.0 23.1 69.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081558.D
Acq: 25 Mar 2024 13:43

Tgt Ion:152 Resp: 269527
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 159.9 0.0 339.8

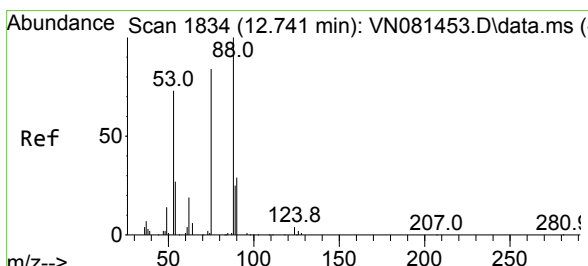
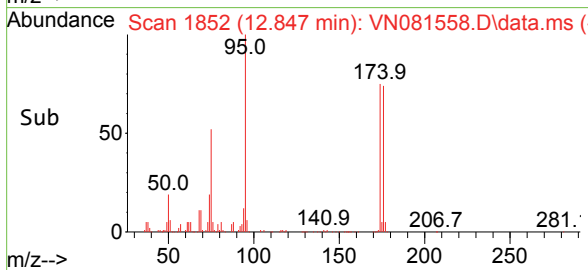
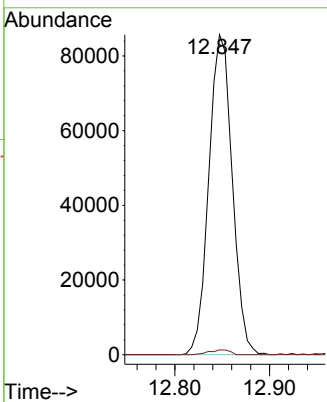
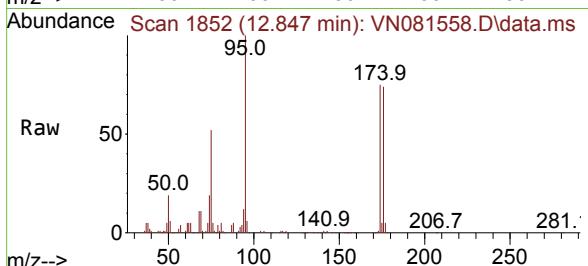




#76
 1,2,3-Trichloropropane
 Concen: 22.842 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN081558.D
 Acq: 25 Mar 2024 13:43

Instrument : MSVOA_N
 ClientSampleId : RE137-SP300B-20240321

Tgt Ion: 75 Resp: 147270
 Ion Ratio Lower Upper
 75 100
 77 1.3 91.0 272.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.728 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.106 min
 Lab File: VN081558.D
 Acq: 25 Mar 2024 13:43

Tgt Ion: 75 Resp: 147270
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.3 33.4 50.0#

