

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081560.D
 Acq On : 25 Mar 2024 14:30
 Operator : JC\MD
 Sample : P1838-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP300D-20240321

Quant Time: Mar 26 01:19:24 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

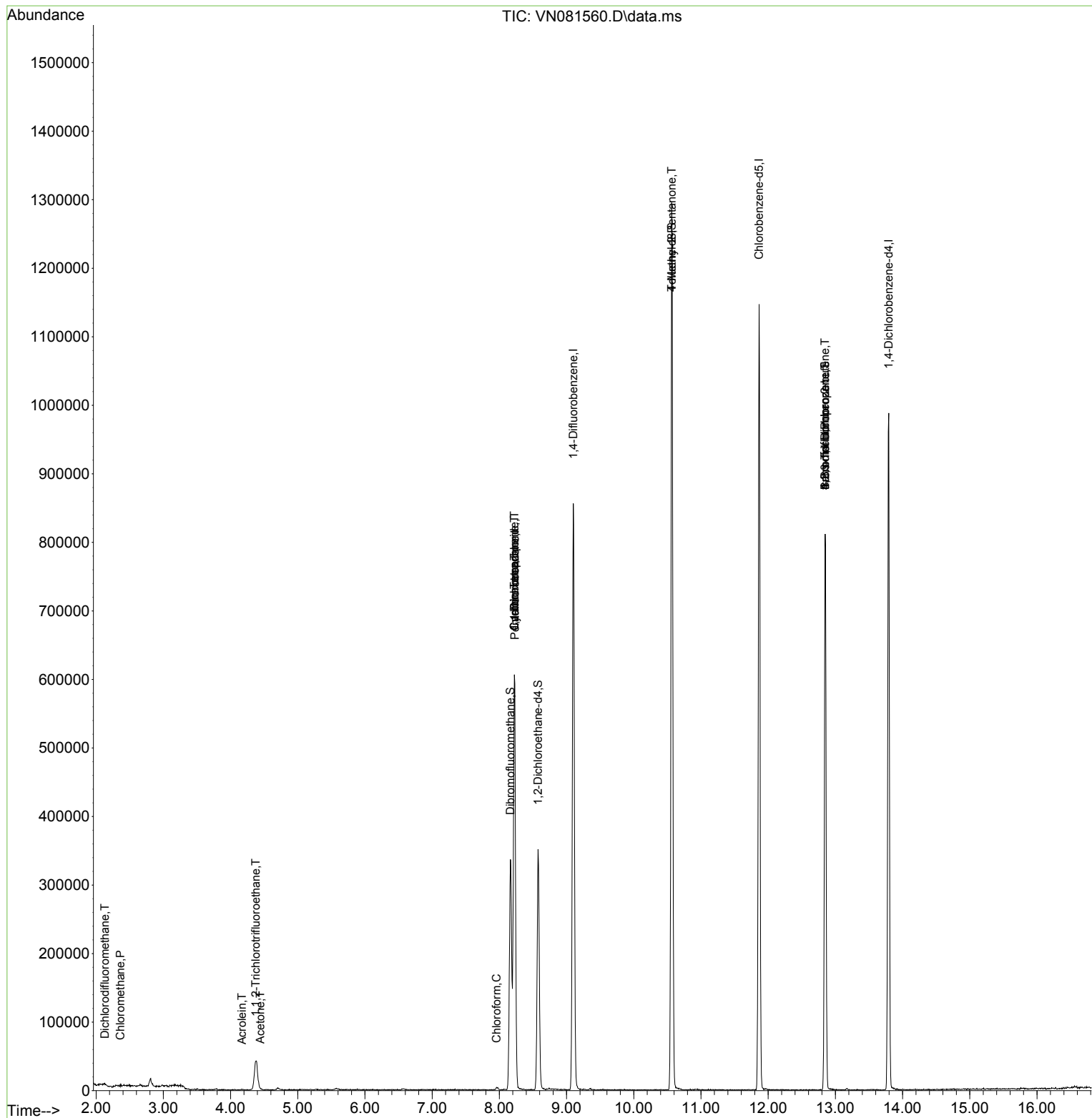
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	441439	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	769822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	673621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	262357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	275084	48.865	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.720%
35) Dibromofluoromethane	8.165	113	241680	49.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.500%
50) Toluene-d8	10.565	98	905493	51.559	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.847	95	278070	44.935	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	1376	0.231	ug/l	# 65
3) Chloromethane	2.359	50	1747	0.295	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	4.377	101	30172	5.365	ug/l	# 82
13) Acrolein	4.171	56	259	0.294	ug/l	# 15
16) Acetone	4.441	43	3575	1.965	ug/l	# 76
30) Chloroform	7.959	83	3169	0.291	ug/l	# 88
31) Cyclohexane	8.224	56	10794	1.178	ug/l	# 1
36) 1,1-Dichloropropene	8.224	75	36042	4.408	ug/l	# 51
38) Carbon Tetrachloride	8.224	117	48028	5.362	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.565	43	4022	0.568	ug/l	# 1
71) Bromoform	12.847	173	2182	0.492	ug/l	# 1
76) 1,2,3-Trichloropropane	12.847	75	150045	23.909	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	150045	64.610	ug/l	# 14

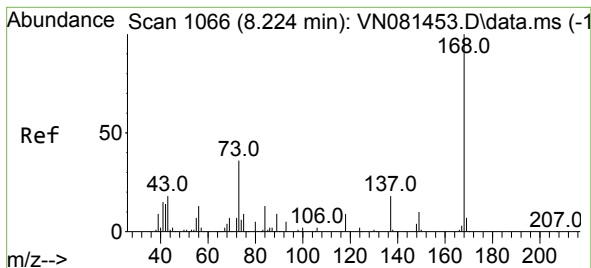
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN081560.D

Acq: 25 Mar 2024 14:30

Instrument :

MSVOA_N

ClientSampleId :

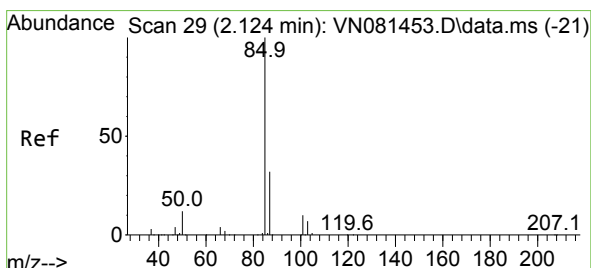
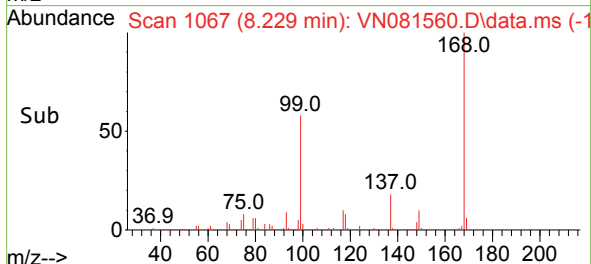
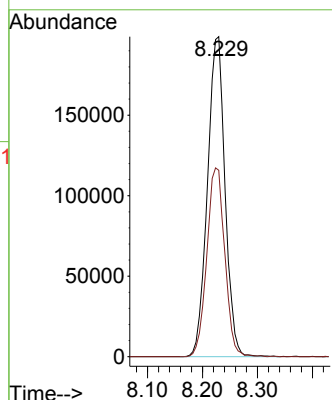
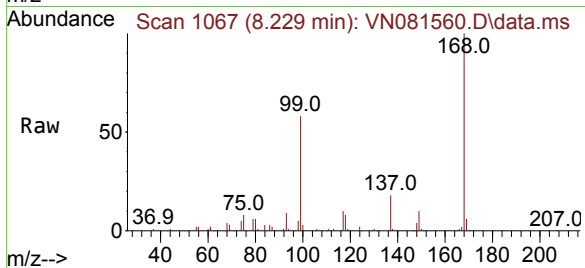
RE137-SP300D-20240321

Tgt Ion:168 Resp: 441439

Ion Ratio Lower Upper

168 100

99 58.3 59.9 89.9#



#2

Dichlorodifluoromethane

Concen: 0.231 ug/l

RT: 2.130 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN081560.D

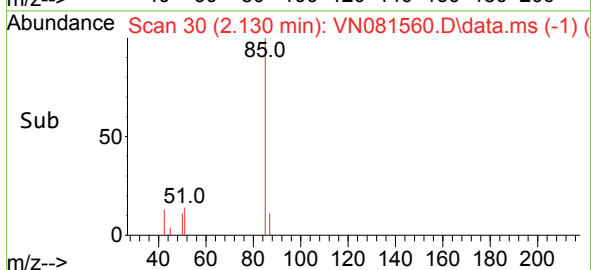
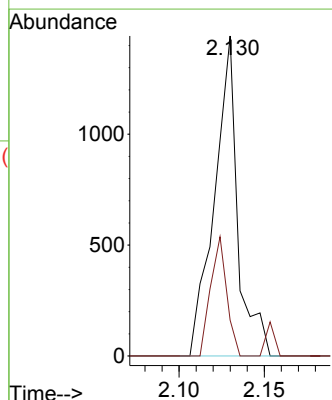
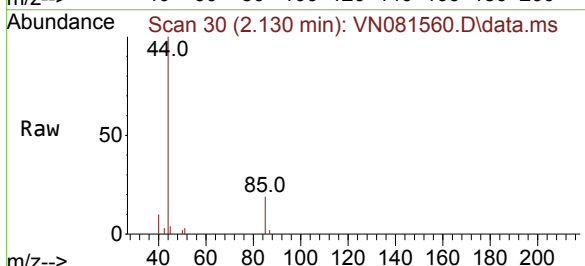
Acq: 25 Mar 2024 14:30

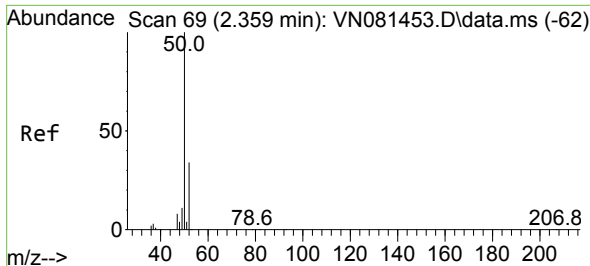
Tgt Ion: 85 Resp: 1376

Ion Ratio Lower Upper

85 100

87 11.2 15.3 45.9#

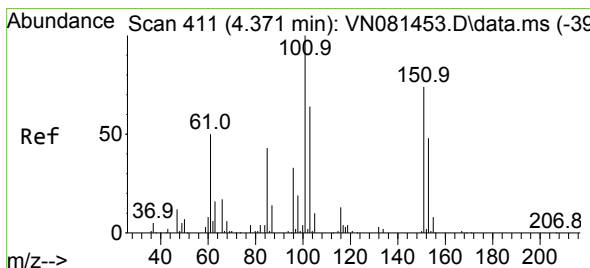
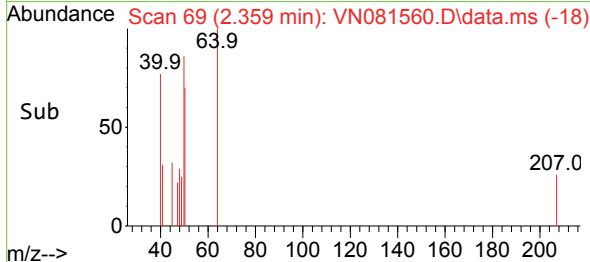
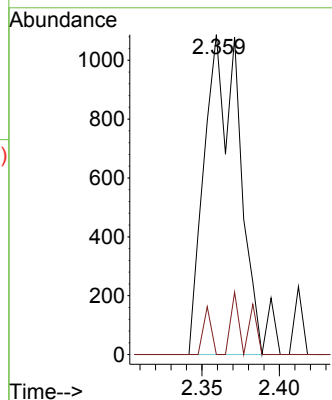
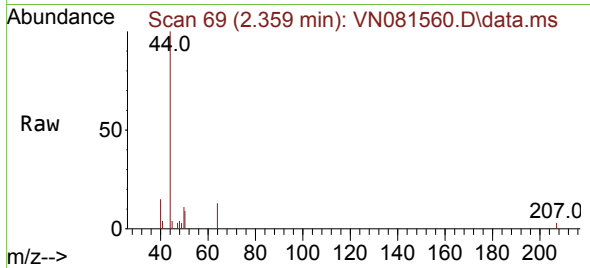




#3
Chloromethane
Concen: 0.295 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

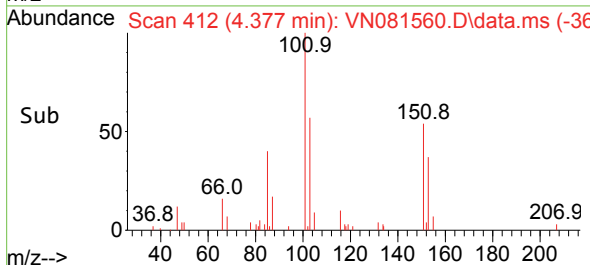
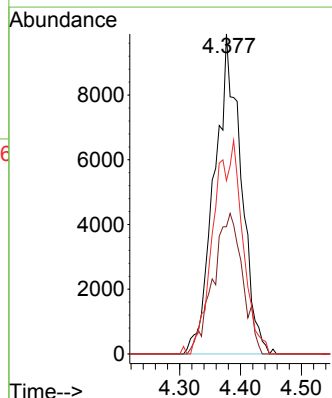
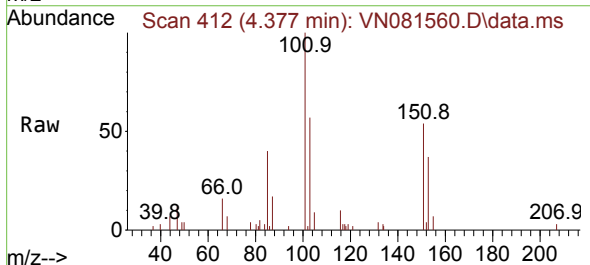
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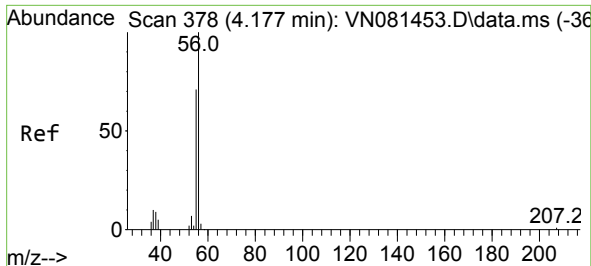
Tgt Ion: 50 Resp: 1747
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.365 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

Tgt Ion: 101 Resp: 30172
Ion Ratio Lower Upper
101 100
85 48.3 38.1 57.1
151 37.0 49.1 73.7#

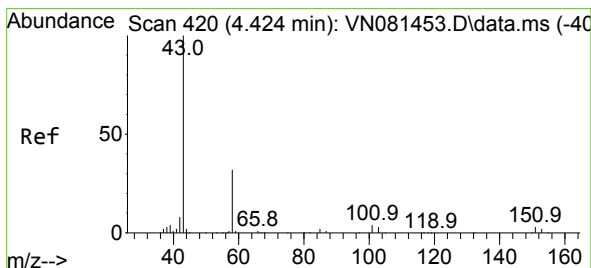
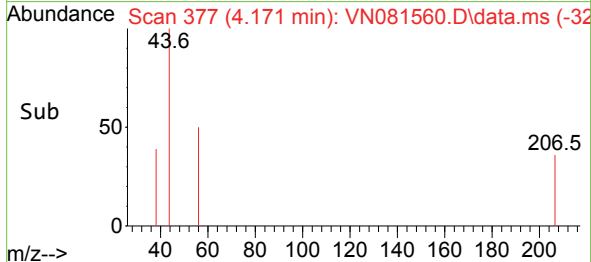
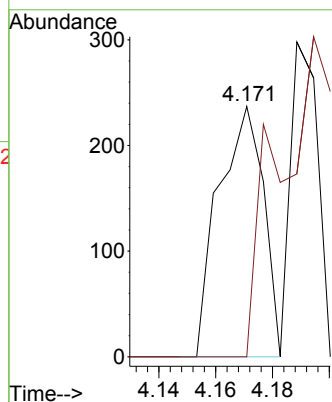
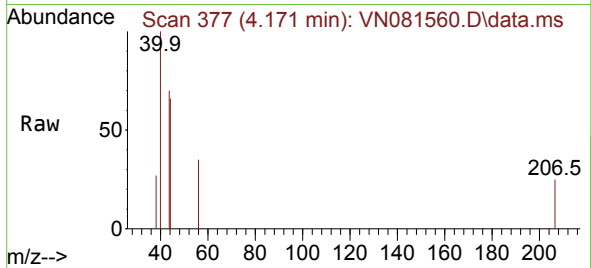




#13
Acrolein
Concen: 0.294 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

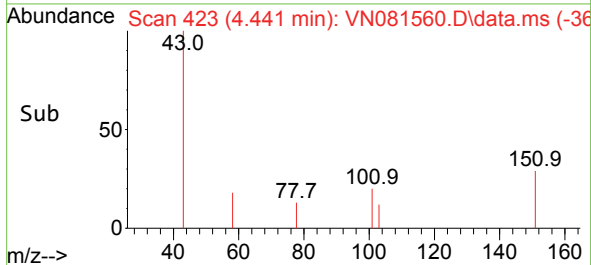
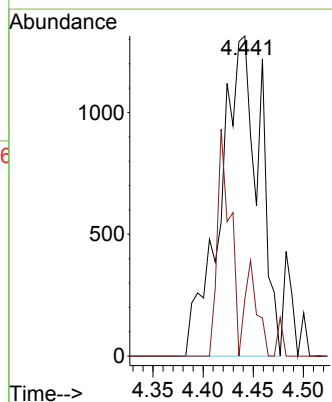
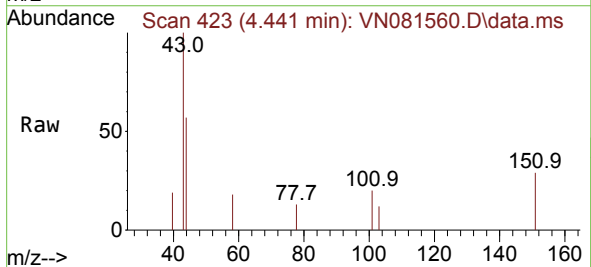
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300D-20240321

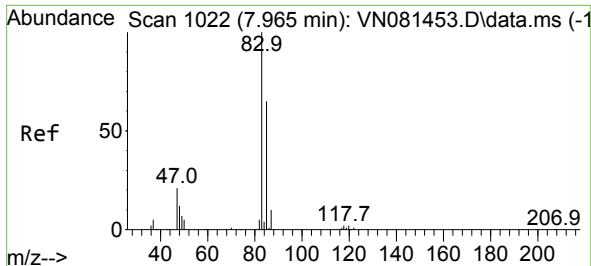
Tgt Ion: 56 Resp: 259
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



#16
Acetone
Concen: 1.965 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

Tgt Ion: 43 Resp: 3575
Ion Ratio Lower Upper
43 100
58 17.9 24.8 37.2#

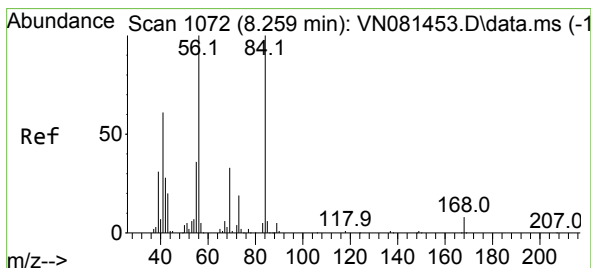
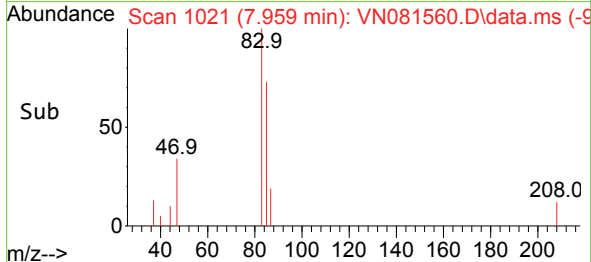
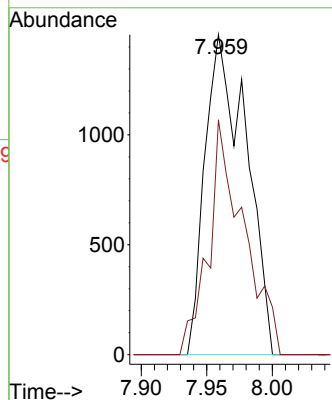
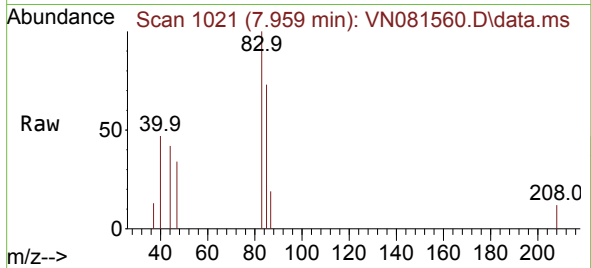




#30
Chloroform
Concen: 0.291 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

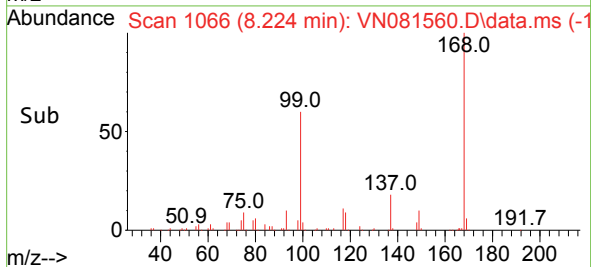
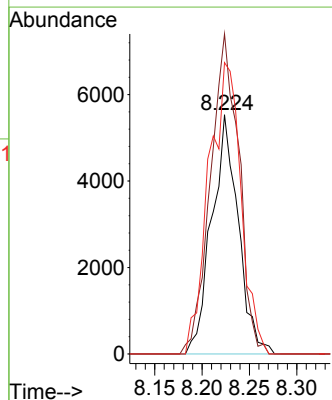
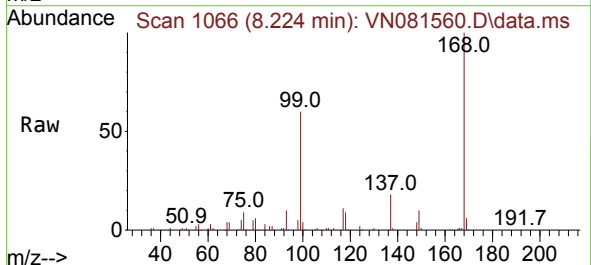
Instrument :
MSVOA_N
ClientSampleId :
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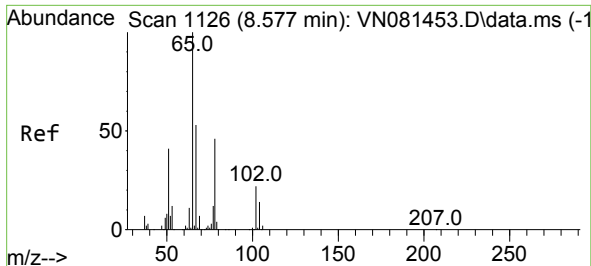
Tgt Ion: 83 Resp: 3169
Ion Ratio Lower Upper
83 100
85 73.4 51.0 76.6



#31
Cyclohexane
Concen: 1.178 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

Tgt Ion: 56 Resp: 10794
Ion Ratio Lower Upper
56 100
69 133.8 20.1 30.1#
84 121.9 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 48.865 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081560.D

Acq: 25 Mar 2024 14:30

Instrument :

MSVOA_N

ClientSampleId :

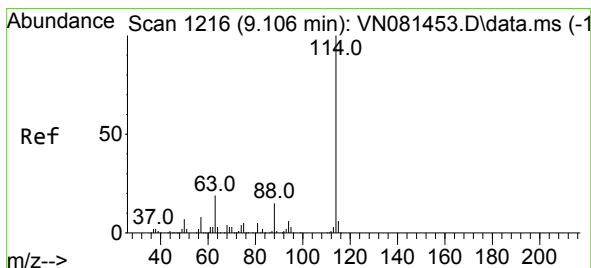
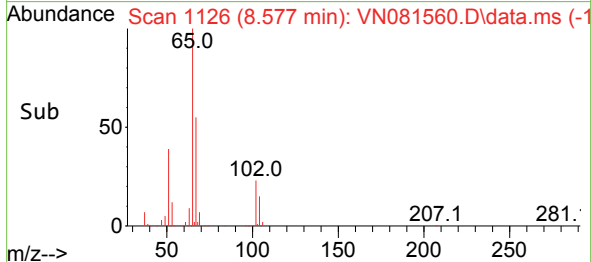
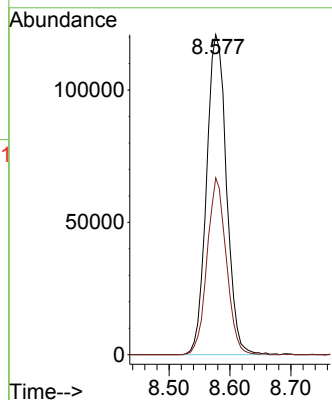
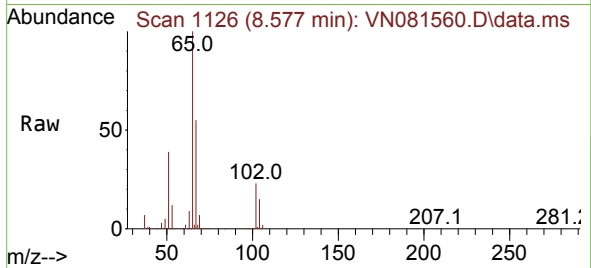
RE137-SP300D-20240321

Tgt Ion: 65 Resp: 275084

Ion Ratio Lower Upper

65 100

67 53.1 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: VN081560.D

Acq: 25 Mar 2024 14:30

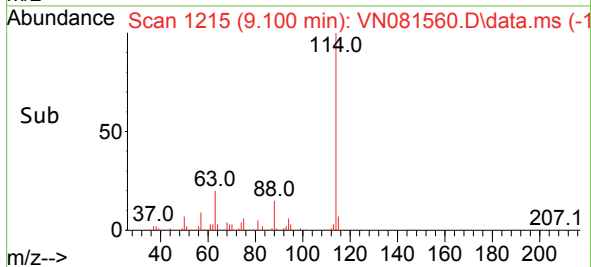
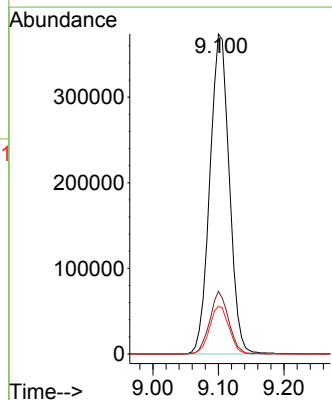
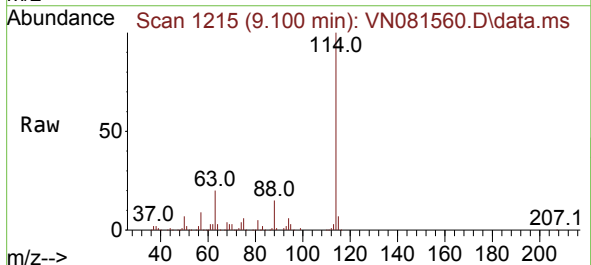
Tgt Ion:114 Resp: 769822

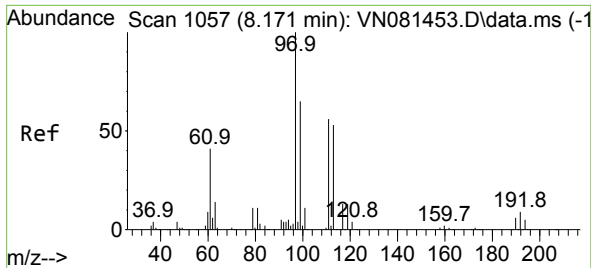
Ion Ratio Lower Upper

114 100

63 19.6 0.0 48.0

88 14.9 0.0 34.8

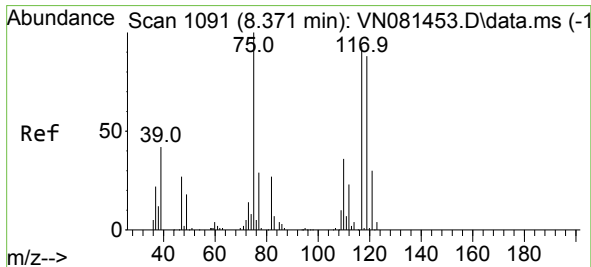
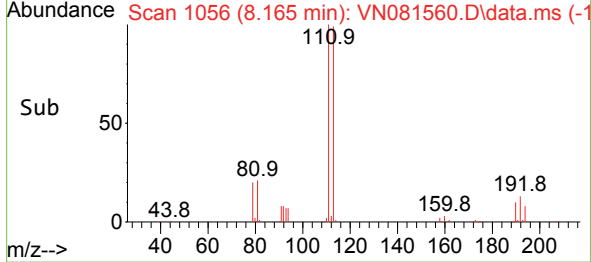
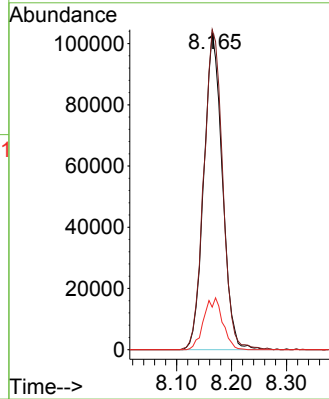
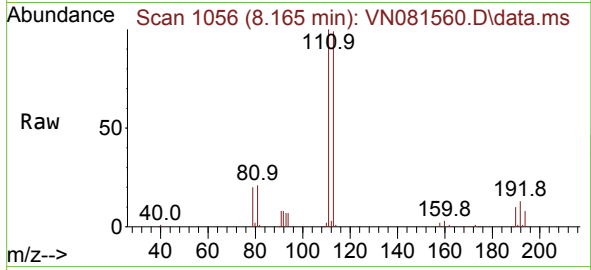




#35
Dibromofluoromethane
Concen: 49.745 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

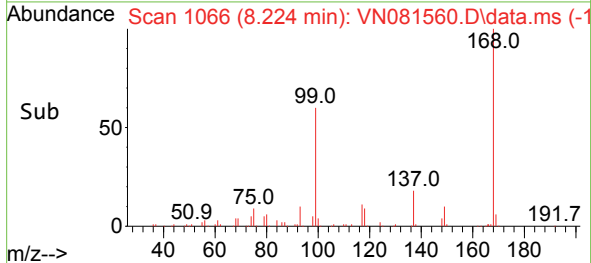
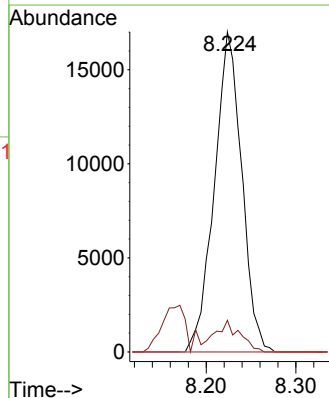
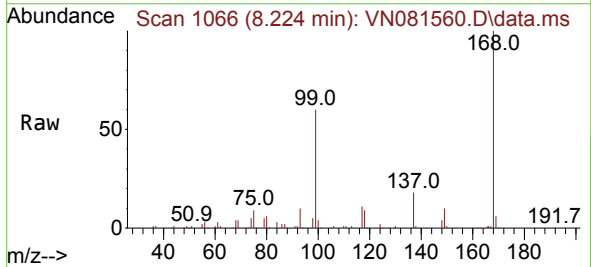
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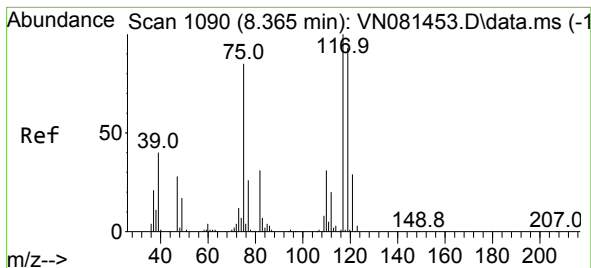
Tgt Ion:113 Resp: 241680
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 16.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.408 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

Tgt Ion: 75 Resp: 36042
Ion Ratio Lower Upper
75 100
110 8.9 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.362 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN081560.D

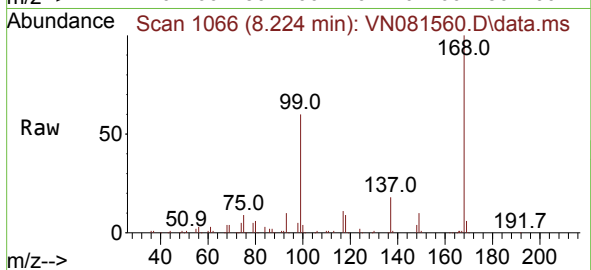
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Instrument :

MSVOA_N

ClientSampleId :

RE137-SP300D-20240321



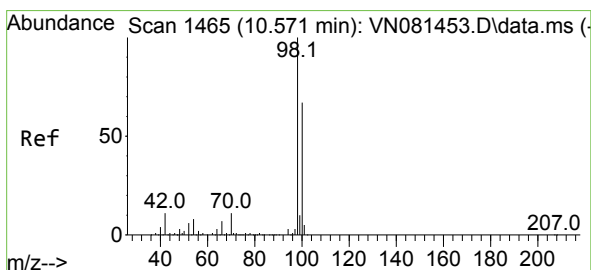
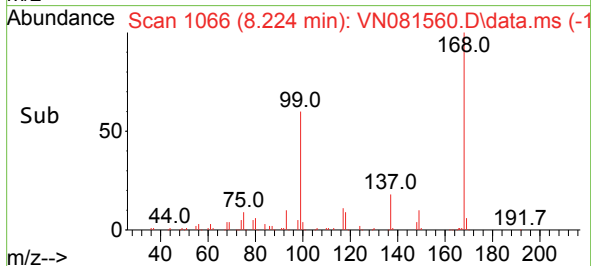
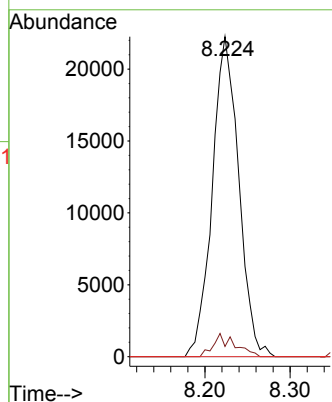
Tgt Ion:117 Resp: 48028

Ion Ratio Lower Upper

117 100

119 3.2 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 51.559 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081560.D

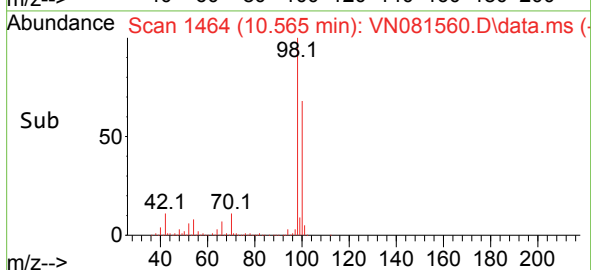
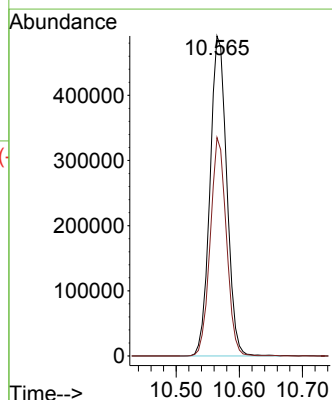
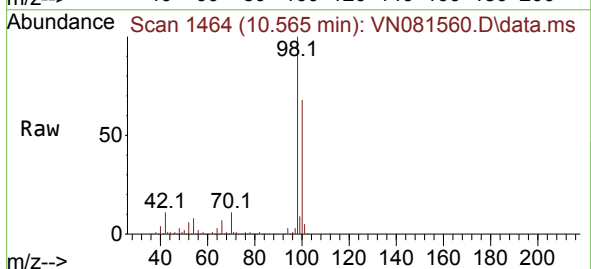
Acq: 25 Mar 2024 14:30

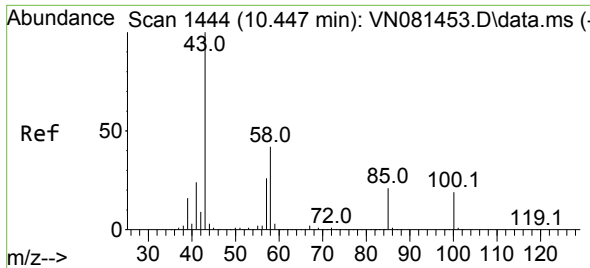
Tgt Ion: 98 Resp: 905493

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.0

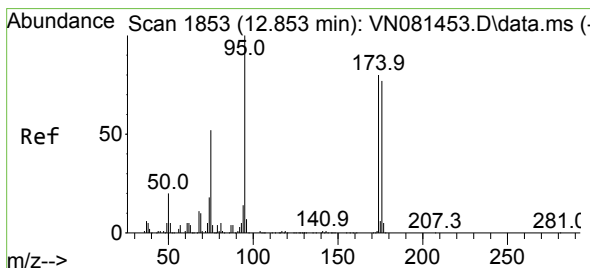
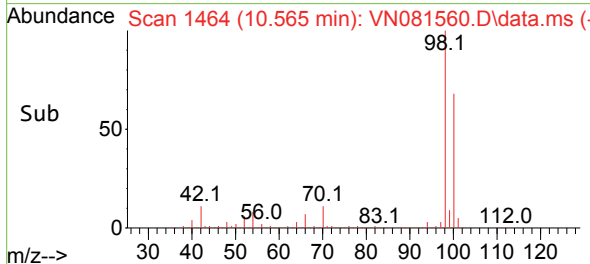
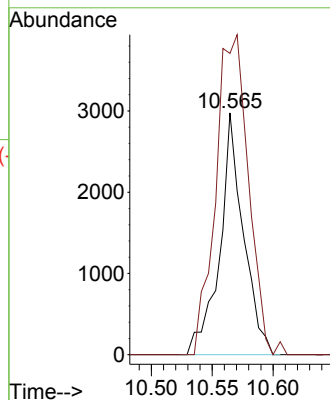
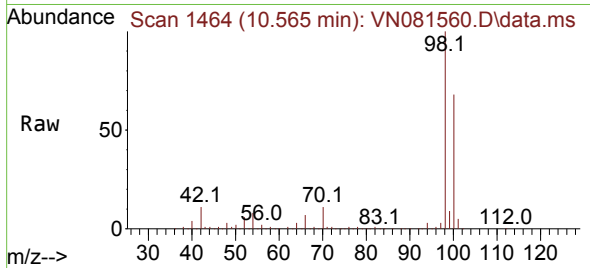




#51
4-Methyl-2-Pentanone
Concen: 0.568 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

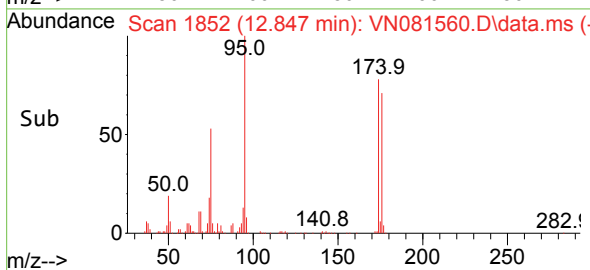
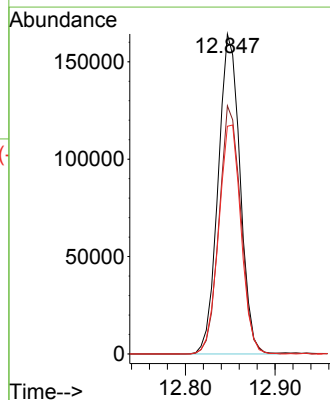
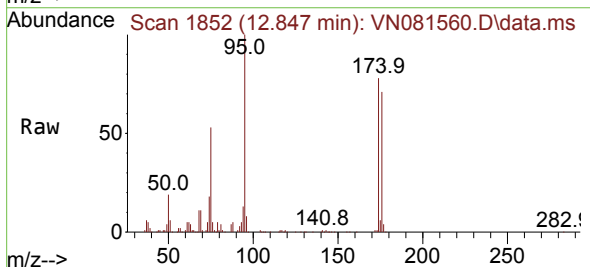
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300D-20240321

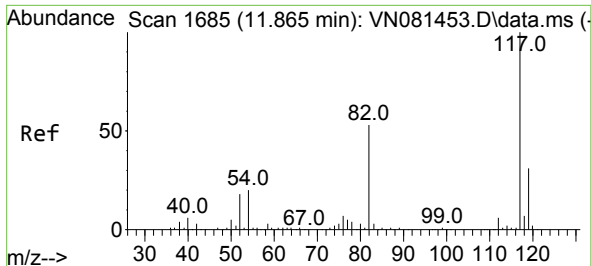
Tgt Ion: 43 Resp: 4022
Ion Ratio Lower Upper
43 100
58 183.4 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 44.935 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

Tgt Ion: 95 Resp: 278070
Ion Ratio Lower Upper
95 100
174 76.8 0.0 120.4
176 73.1 0.0 121.0

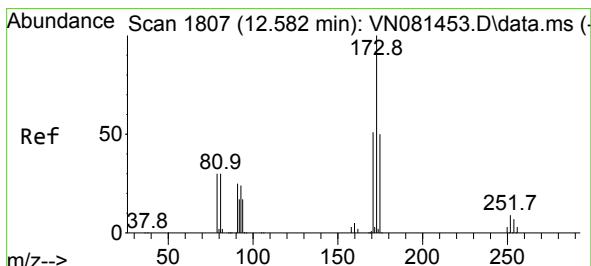
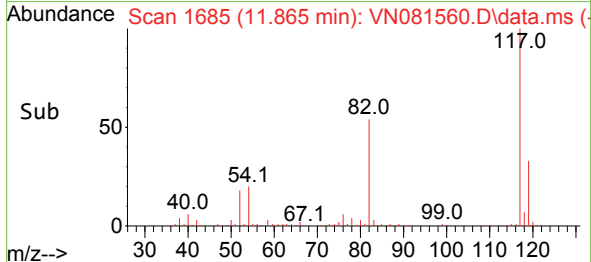
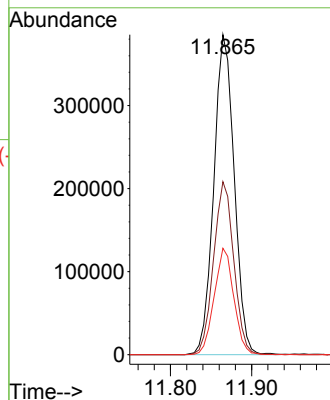
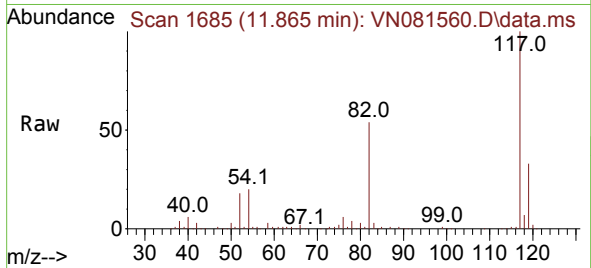




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

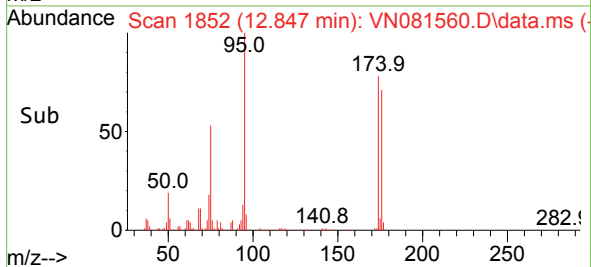
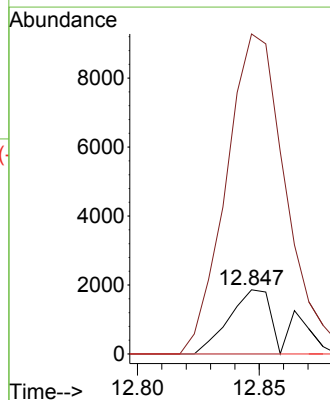
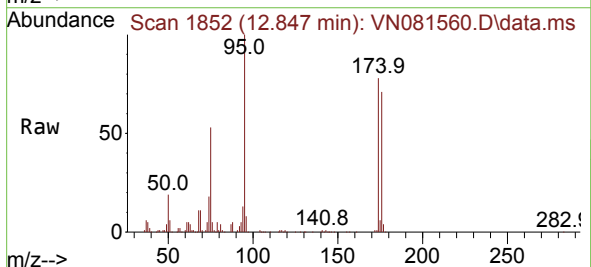
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300D-20240321

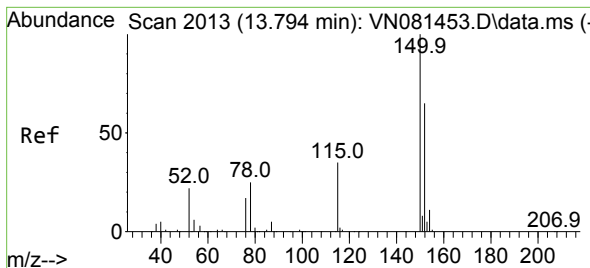
Tgt Ion:117 Resp: 673621
Ion Ratio Lower Upper
117 100
82 54.0 52.7 79.1
119 33.2 25.3 37.9



#71
Bromoform
Concen: 0.492 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN081560.D
Acq: 25 Mar 2024 14:30

Tgt Ion:173 Resp: 2182
Ion Ratio Lower Upper
173 100
175 626.4 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: VN081560.D

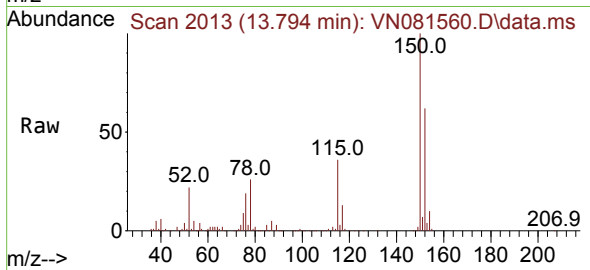
Acq: 25 Mar 2024 14:30

Instrument :

MSVOA_N

ClientSampleId :

RE137-SP300D-20240321



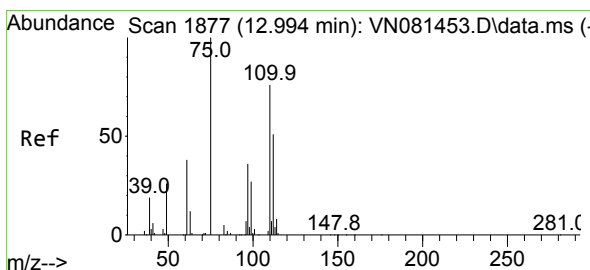
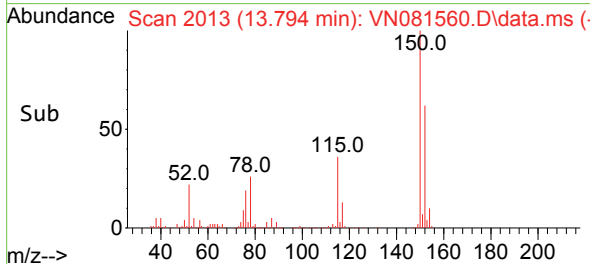
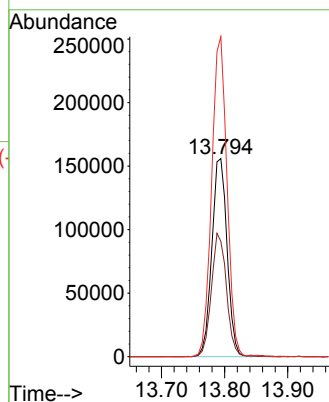
Tgt Ion:152 Resp: 262357

Ion Ratio Lower Upper

152 100

115 61.4 32.3 96.8

150 160.7 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 23.909 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081560.D

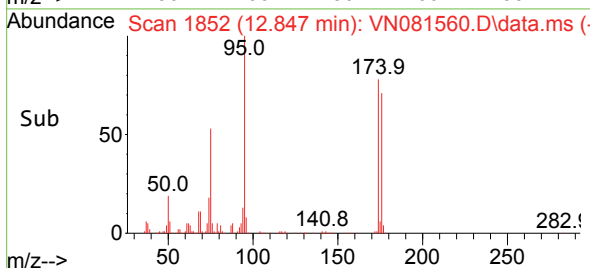
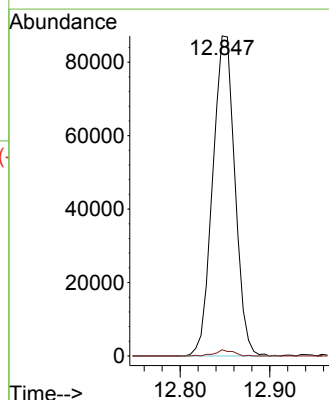
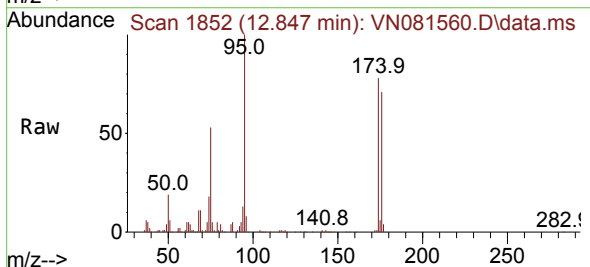
Acq: 25 Mar 2024 14:30

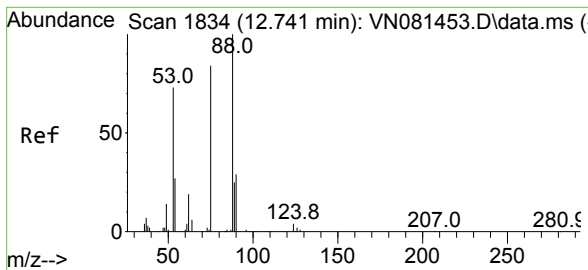
Tgt Ion: 75 Resp: 150045

Ion Ratio Lower Upper

75 100

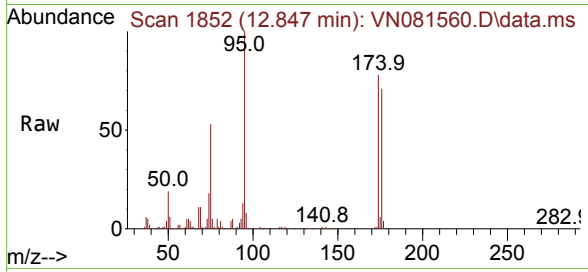
77 1.6 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.610 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081560.D
 Acq: 25 Mar 2024 14:30

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP300D-20240321



Tgt Ion: 75 Resp: 150045
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.0 33.4 50.0#

