

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081562.D
 Acq On : 25 Mar 2024 15:18
 Operator : JC\MD
 Sample : P1838-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP303-20240321

Quant Time: Mar 26 01:20:10 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)

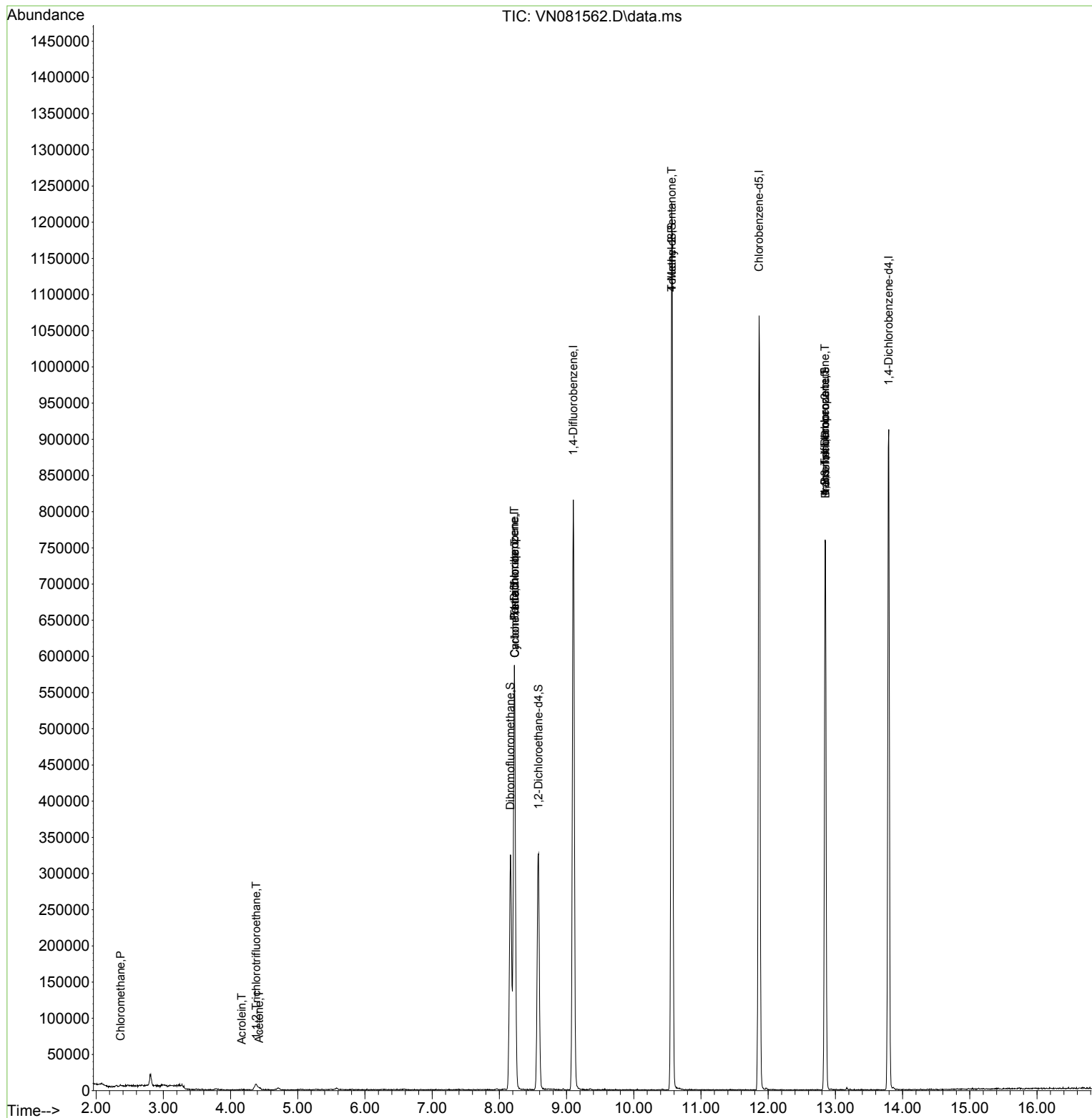
Internal Standards						
1) Pentafluorobenzene	8.224	168	414962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	733970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	645196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	248362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	264859	50.050	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.100%	
35) Dibromofluoromethane	8.165	113	225985	48.787	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.580%	
50) Toluene-d8	10.565	98	864466	51.627	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.847	95	266252	45.127	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 90.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	2530	0.455	ug/l #	70
9) 1,1,2-Trichlorotrifluo...	4.383	101	5854	1.107	ug/l #	84
13) Acrolein	4.165	56	176	0.213	ug/l #	69
16) Acetone	4.424	43	4666	2.728	ug/l #	86
31) Cyclohexane	8.229	56	9811	1.139	ug/l #	10
36) 1,1-Dichloropropene	8.224	75	36479	4.680	ug/l #	52
38) Carbon Tetrachloride	8.229	117	44689	5.233	ug/l #	18
51) 4-Methyl-2-Pentanone	10.565	43	3338	0.494	ug/l #	1
71) Bromoform	12.853	173	2513	0.592	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	138309	23.281	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	138309	62.912	ug/l #	14

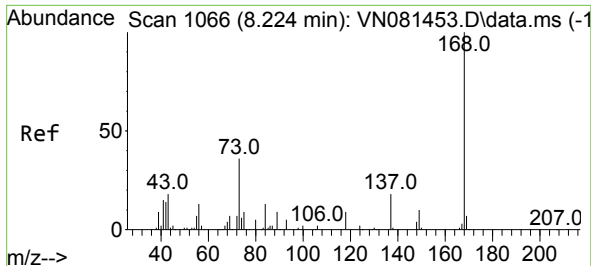
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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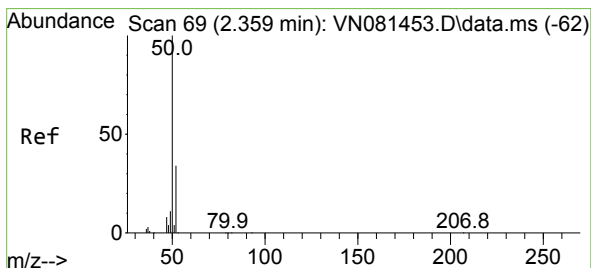
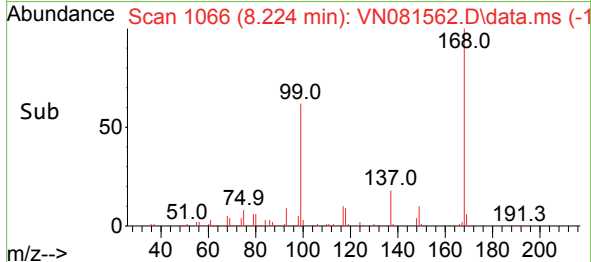
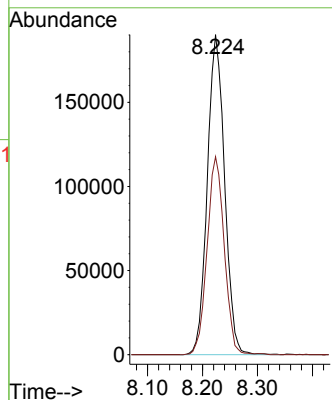
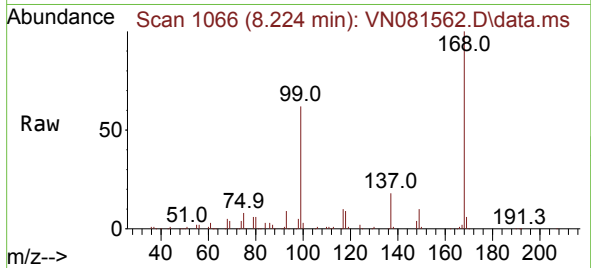




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

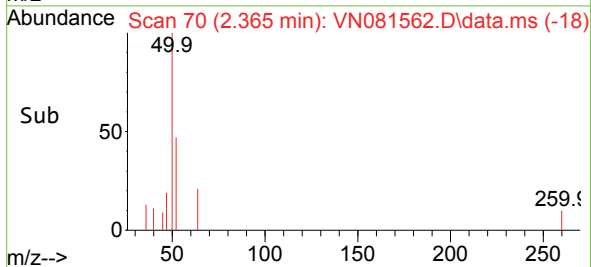
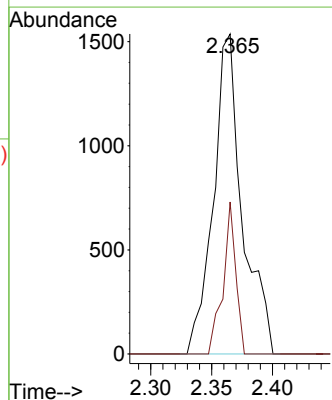
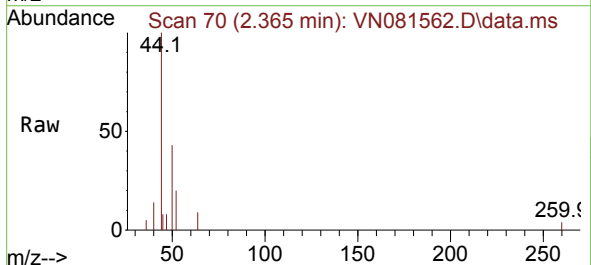
Instrument :
MSVOA_N
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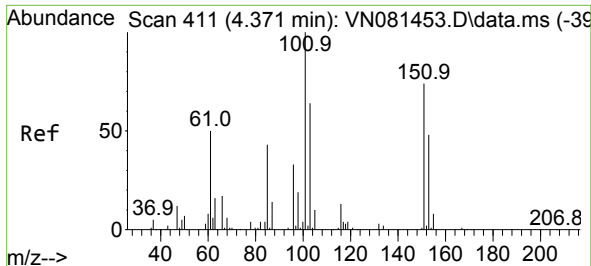
Tgt Ion:168 Resp: 414962
Ion Ratio Lower Upper
168 100
99 61.8 59.9 89.9



#3
Chloromethane
Concen: 0.455 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

Tgt Ion: 50 Resp: 2530
Ion Ratio Lower Upper
50 100
52 47.5 25.0 37.4#

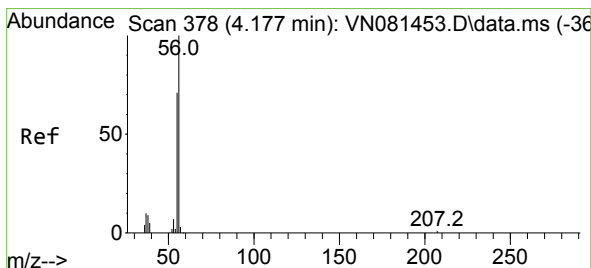
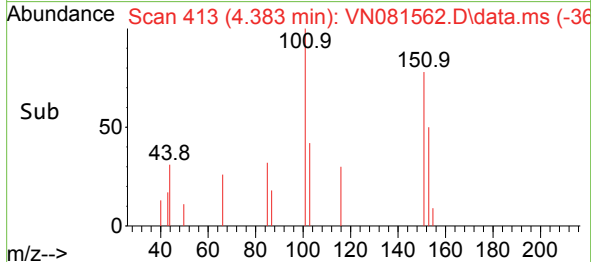
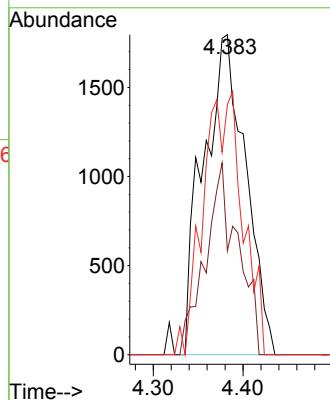
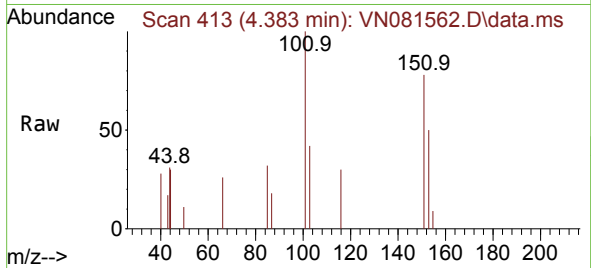




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.107 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

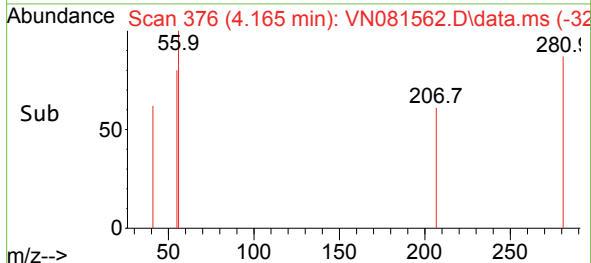
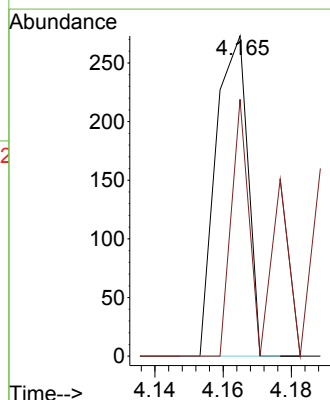
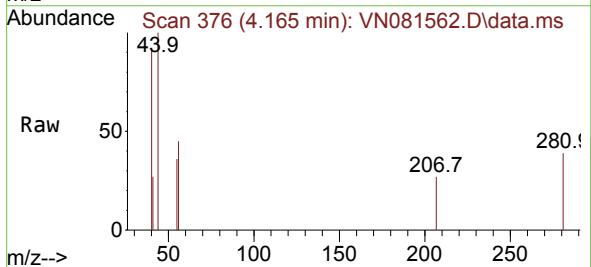
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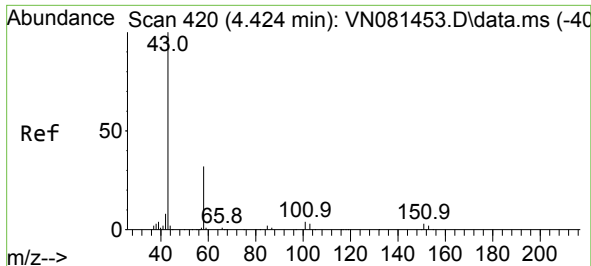
Tgt Ion:101 Resp: 5854
Ion Ratio Lower Upper
101 100
85 46.5 38.1 57.1
151 40.9 49.1 73.7#



#13
Acrolein
Concen: 0.213 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.012 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

Tgt Ion: 56 Resp: 176
Ion Ratio Lower Upper
56 100
55 43.8 55.3 82.9#

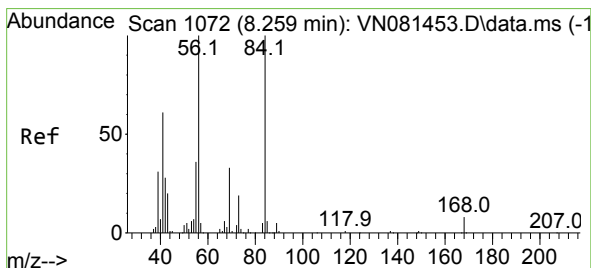
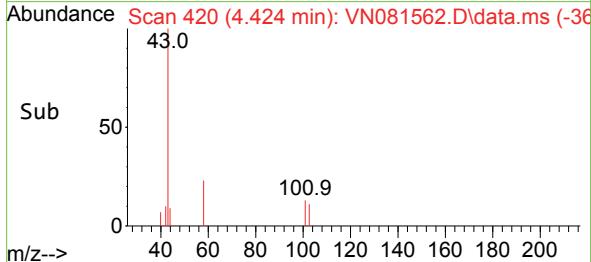
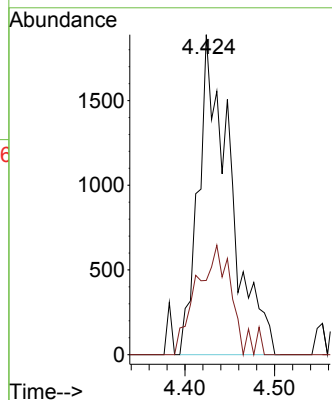
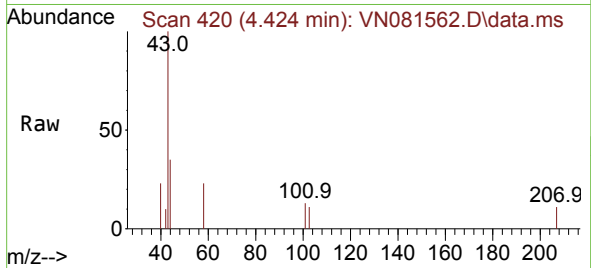




#16
Acetone
Concen: 2.728 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

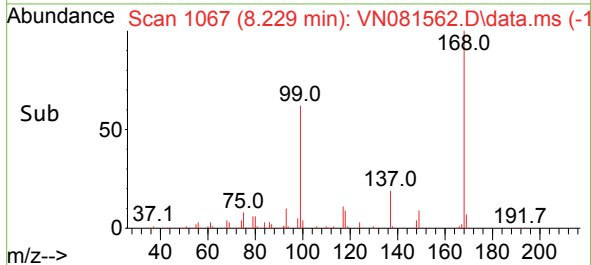
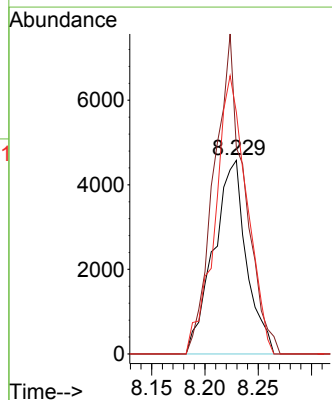
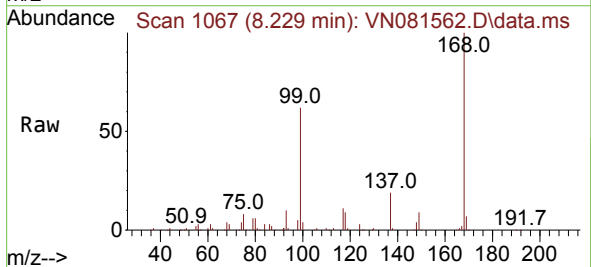
Instrument :
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ClientSampleId :
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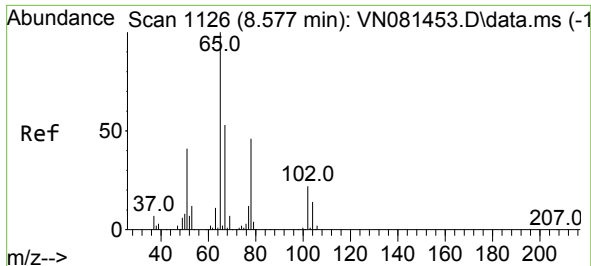
Tgt Ion: 43 Resp: 4666
Ion Ratio Lower Upper
43 100
58 23.2 24.8 37.2#



#31
Cyclohexane
Concen: 1.139 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.030 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

Tgt Ion: 56 Resp: 9811
Ion Ratio Lower Upper
56 100
69 106.5 20.1 30.1#
84 124.8 56.9 85.3#

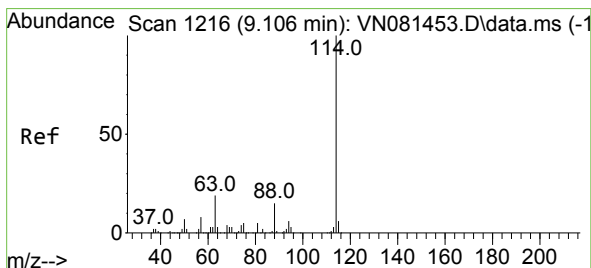
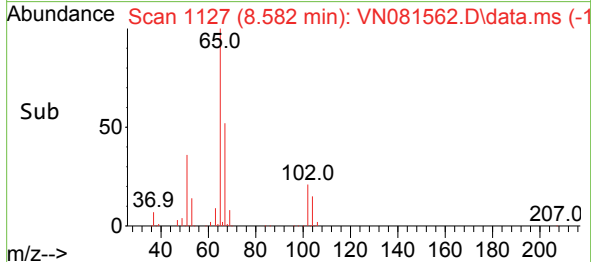
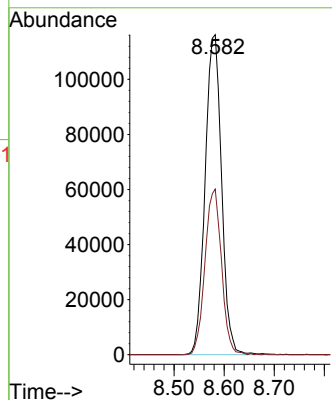
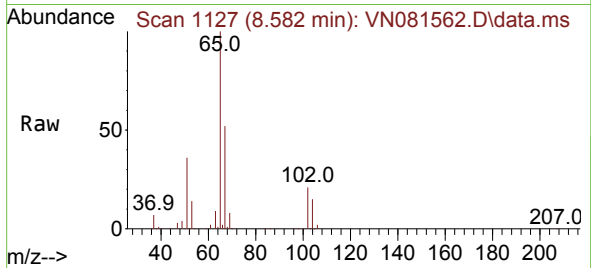




#33
1,2-Dichloroethane-d4
Concen: 50.050 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

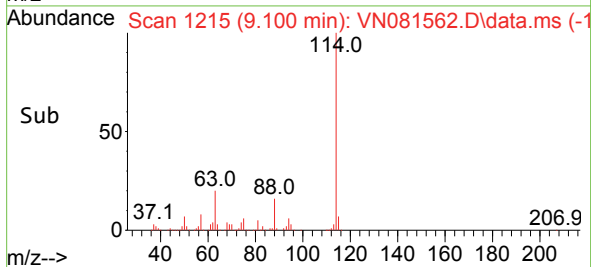
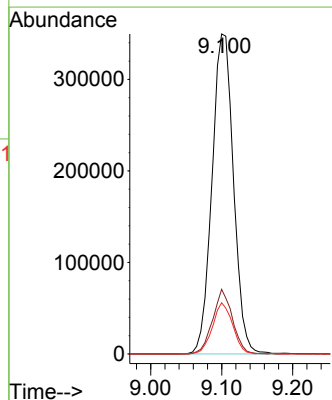
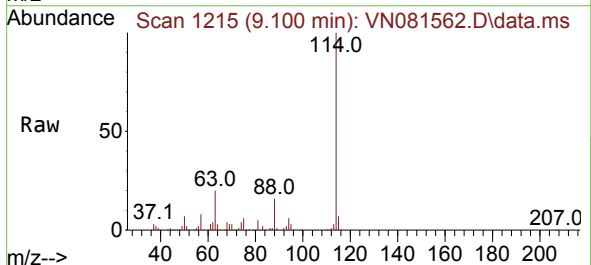
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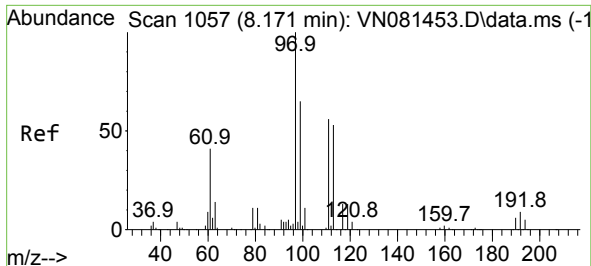
Tgt Ion: 65 Resp: 264859
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

Tgt Ion: 114 Resp: 733970
Ion Ratio Lower Upper
114 100
63 20.2 0.0 48.0
88 16.0 0.0 34.8

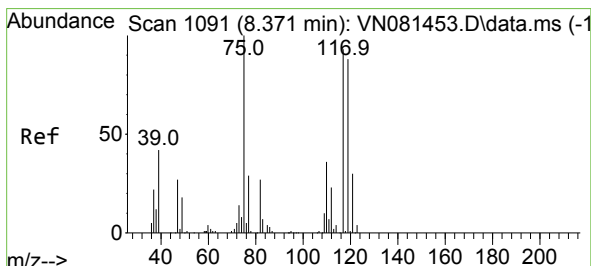
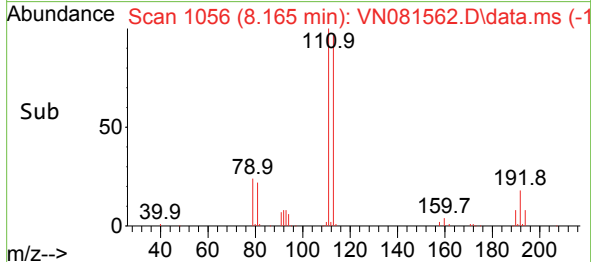
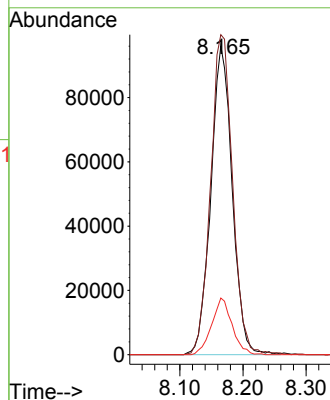
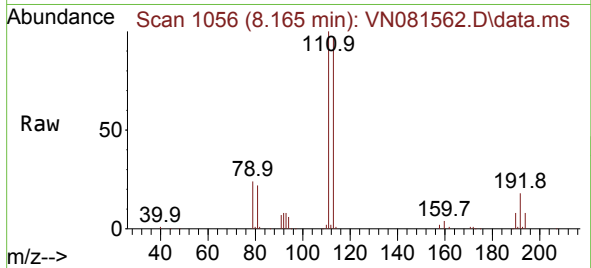




#35
Dibromofluoromethane
Concen: 48.787 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

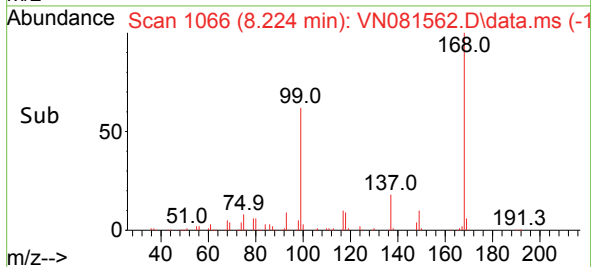
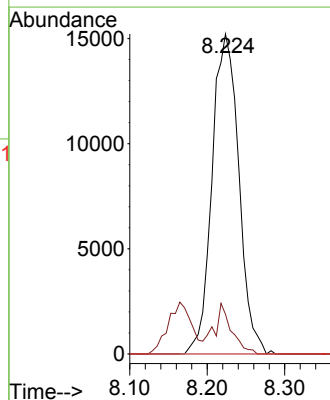
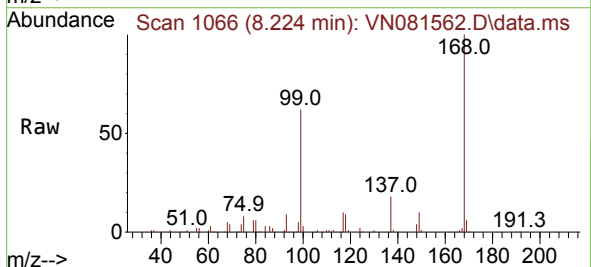
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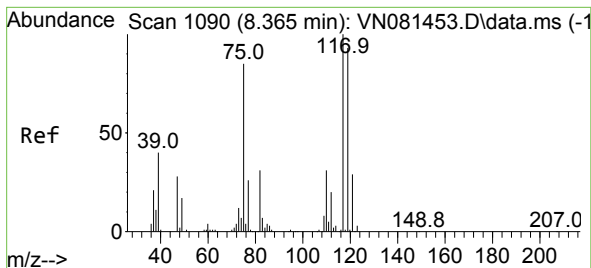
Tgt Ion:113 Resp: 225985
Ion Ratio Lower Upper
113 100
111 106.4 82.2 123.4
192 17.5 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.680 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

Tgt Ion: 75 Resp: 36479
Ion Ratio Lower Upper
75 100
110 10.3 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.233 ug/l

RT: 8.229 min Scan# 1090

Delta R.T. -0.135 min

Lab File: VN081562.D

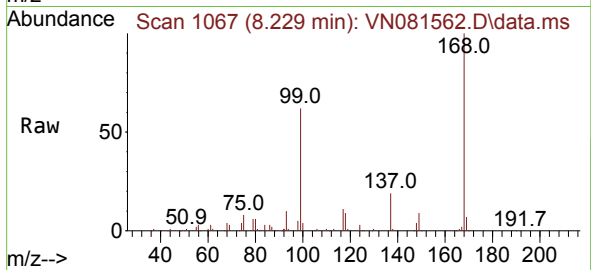
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Instrument :

MSVOA_N

ClientSampleId :

RE137-SP303-20240321



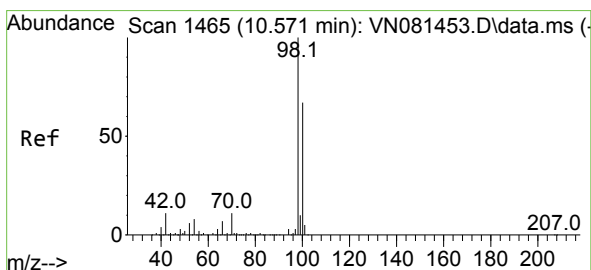
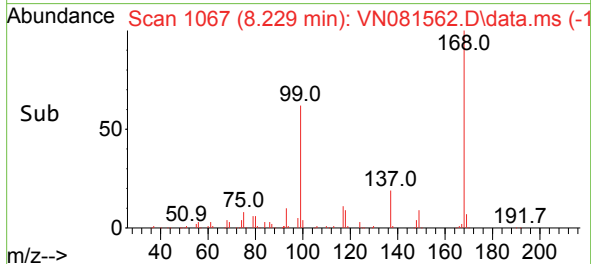
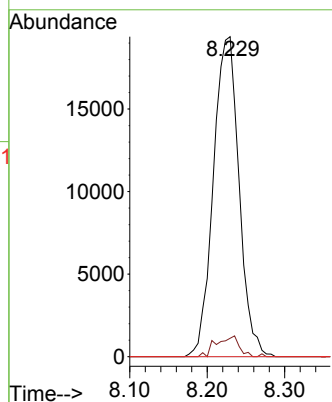
Tgt Ion:117 Resp: 44689

Ion Ratio Lower Upper

117 100

119 5.7 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 51.627 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN081562.D

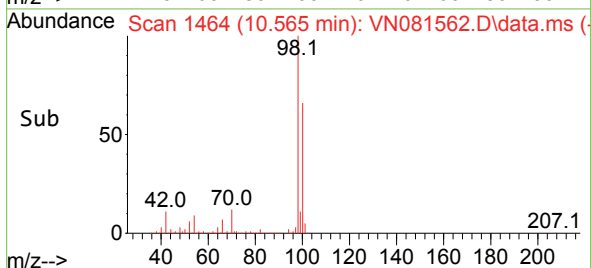
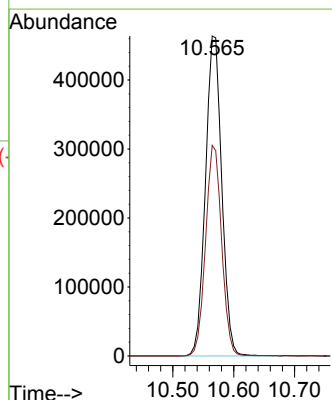
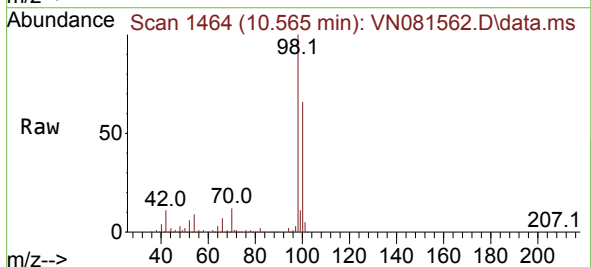
Acq: 25 Mar 2024 15:18

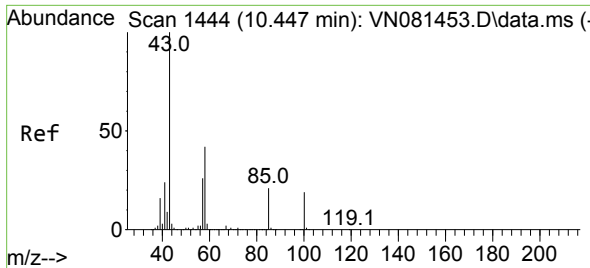
Tgt Ion: 98 Resp: 864466

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0

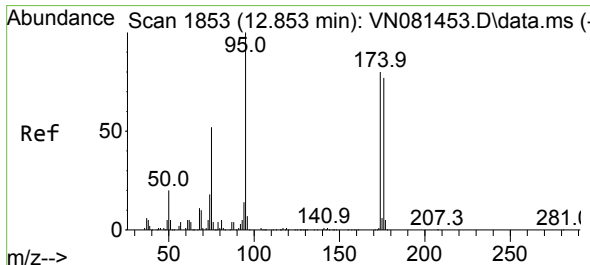
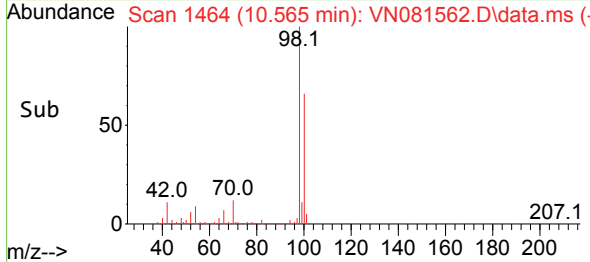
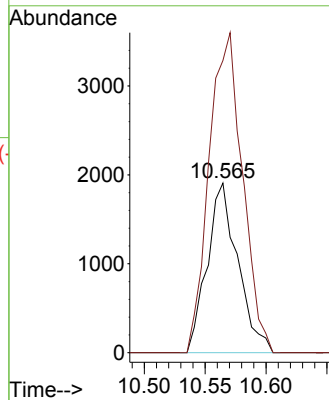
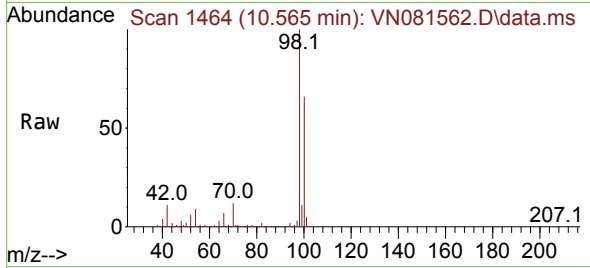




#51
4-Methyl-2-Pentanone
Concen: 0.494 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.118 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

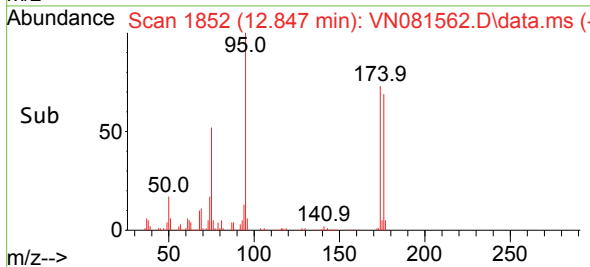
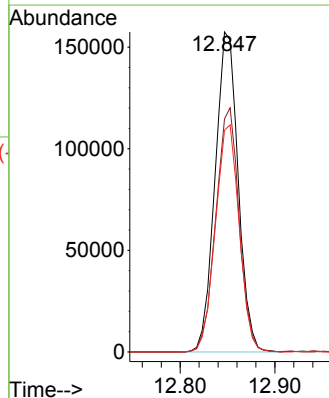
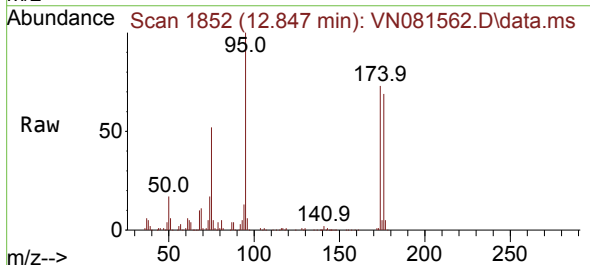
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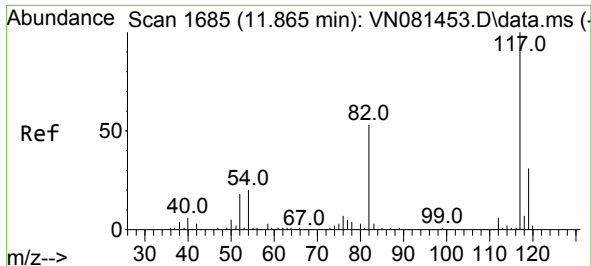
Tgt Ion: 43 Resp: 3338
Ion Ratio Lower Upper
43 100
58 206.3 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 45.127 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

Tgt Ion: 95 Resp: 266252
Ion Ratio Lower Upper
95 100
174 77.1 0.0 120.4
176 73.1 0.0 121.0

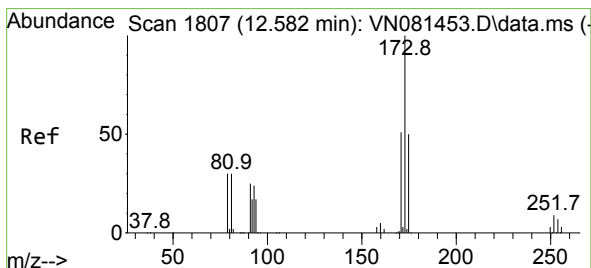
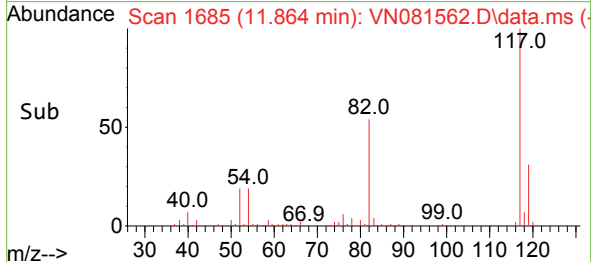
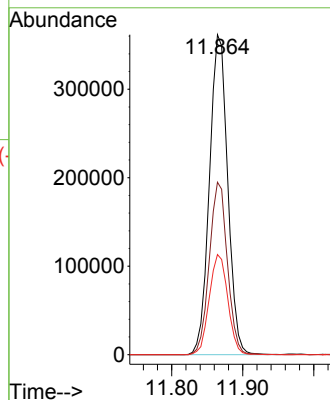
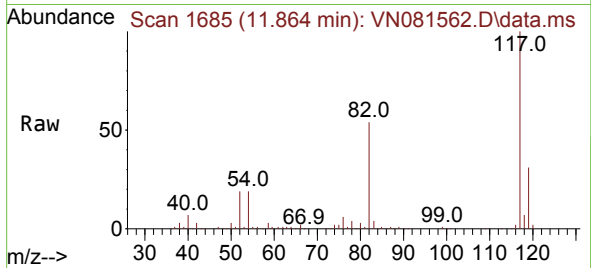




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

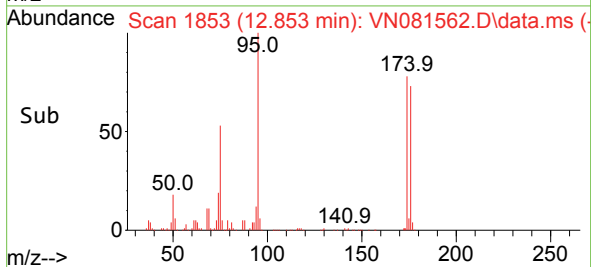
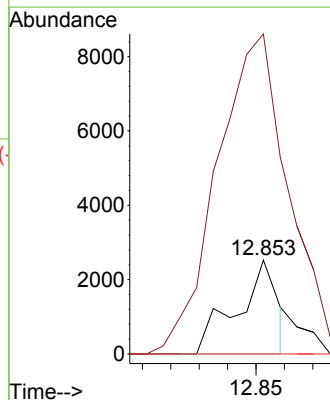
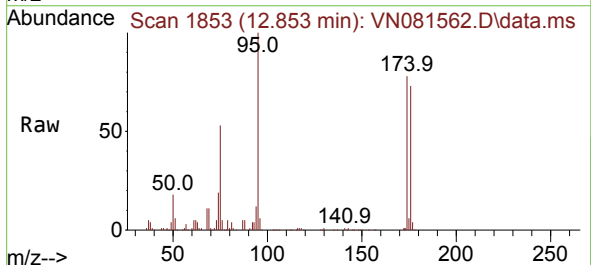
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP303-20240321

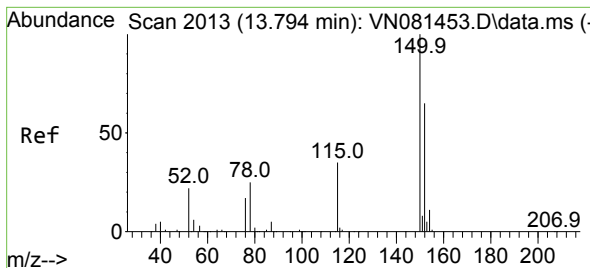
Tgt Ion:117 Resp: 645196
Ion Ratio Lower Upper
117 100
82 53.9 52.7 79.1
119 31.3 25.3 37.9



#71
Bromoform
Concen: 0.592 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.270 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

Tgt Ion:173 Resp: 2513
Ion Ratio Lower Upper
173 100
175 508.8 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: VN081562.D

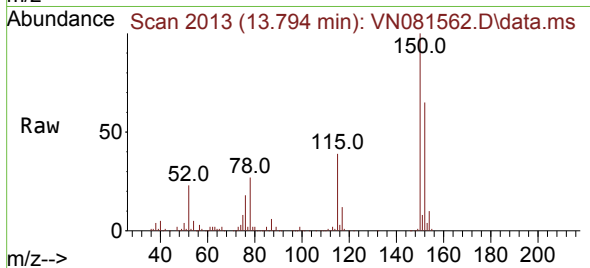
Acq: 25 Mar 2024 15:18

Instrument :

MSVOA_N

ClientSampleId :

RE137-SP303-20240321



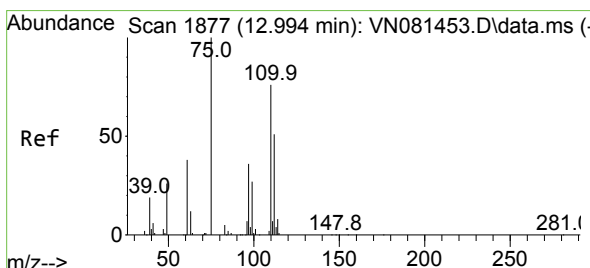
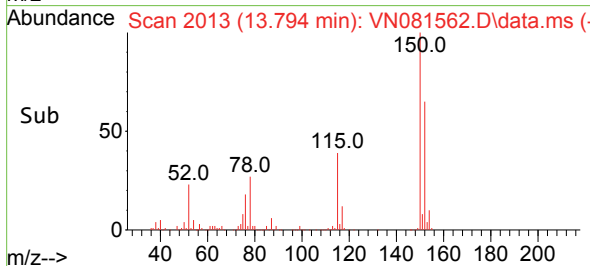
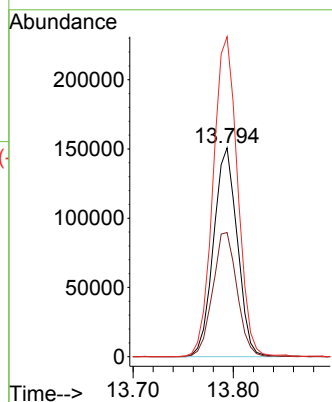
Tgt Ion:152 Resp: 248362

Ion Ratio Lower Upper

152 100

115 60.9 32.3 96.8

150 158.0 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 23.281 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN081562.D

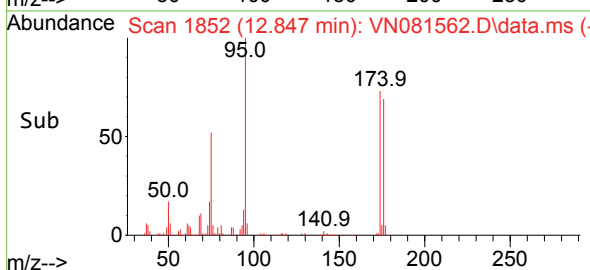
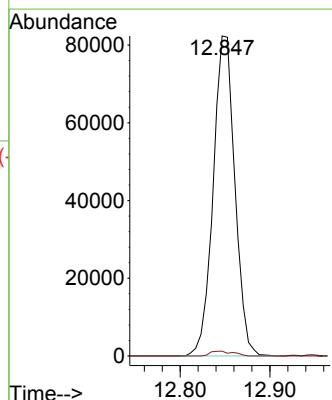
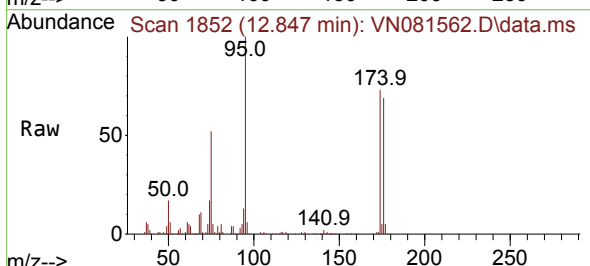
Acq: 25 Mar 2024 15:18

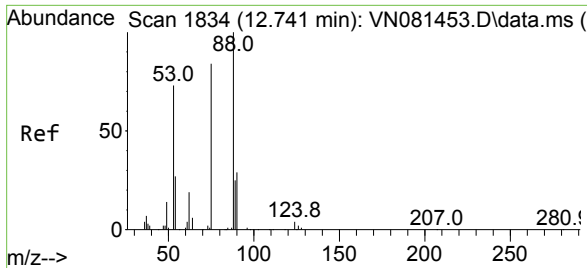
Tgt Ion: 75 Resp: 138309

Ion Ratio Lower Upper

75 100

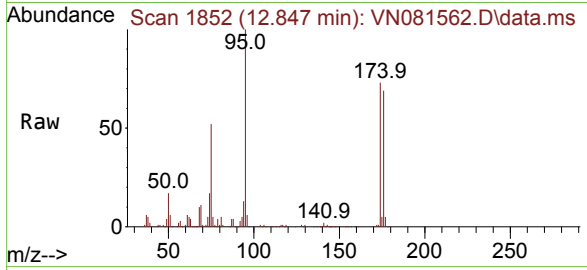
77 1.6 91.0 272.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.912 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN081562.D
Acq: 25 Mar 2024 15:18

Instrument :
MSVOA_N
ClientSampleId :
RE137-SP303-20240321



Tgt Ion: 75 Resp: 138309
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

