

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081559.D
 Acq On : 25 Mar 2024 14:07
 Operator : JC\MD
 Sample : P1838-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP300C-20240321

Quant Time: Mar 26 01:19:04 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

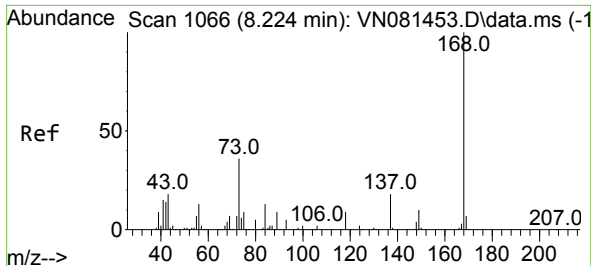
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	427089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	772816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	702500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	287844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	279450	51.308	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.620%			
35) Dibromofluoromethane	8.165	113	242251	49.670	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.340%			
50) Toluene-d8	10.565	98	911225	51.684	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.360%			
62) 4-Bromofluorobenzene	12.847	95	289187	46.550	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.100%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.989	94	1328	0.292	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.383	101	3662	0.673	ug/l #	76
13) Acrolein	4.183	56	245	0.288	ug/l	86
16) Acetone	4.430	43	2261	1.285	ug/l #	6
31) Cyclohexane	8.235	56	10216	1.153	ug/l #	27
36) 1,1-Dichloropropene	8.230	75	37163	4.528	ug/l #	50
38) Carbon Tetrachloride	8.224	117	45644	5.076	ug/l #	17
44) Trichloroethene	9.347	130	1414	0.210	ug/l	38
51) 4-Methyl-2-Pentanone	10.576	43	4100	0.577	ug/l #	1
56) Ethyl methacrylate	10.700	69	66	0.578	ug/l #	20
76) 1,2,3-Trichloropropane	12.847	75	152754	22.185	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	152754	59.952	ug/l #	14

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

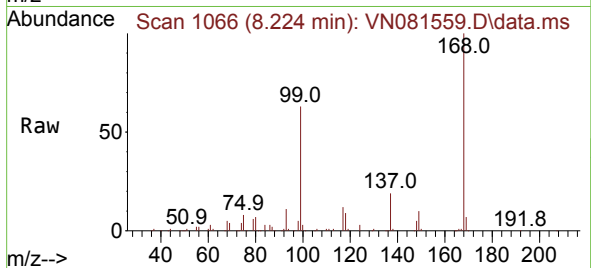
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration



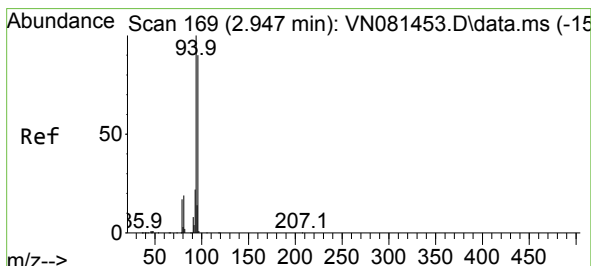
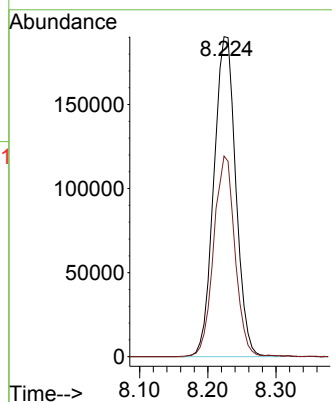
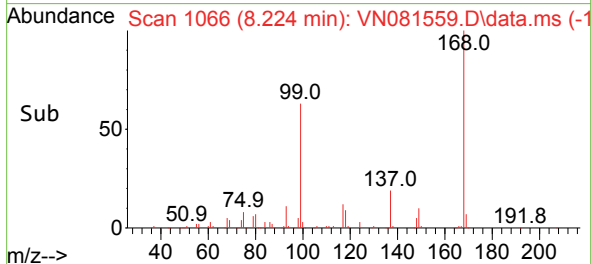


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

Instrument :
MSVOA_N
ClientSampleId :
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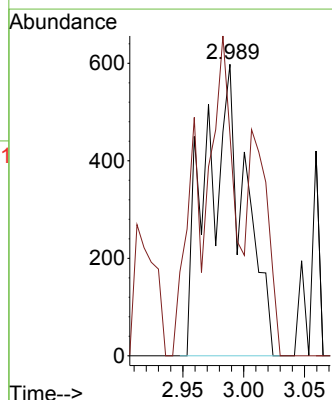
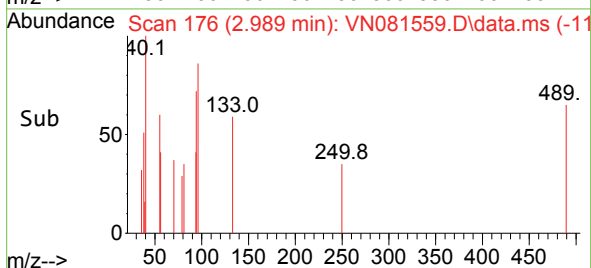
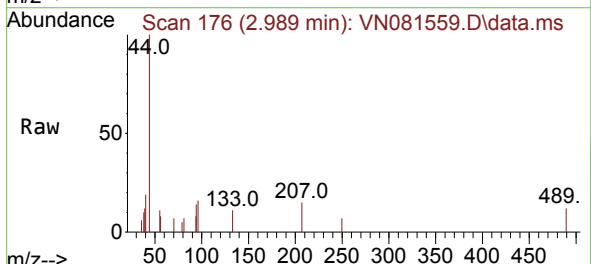


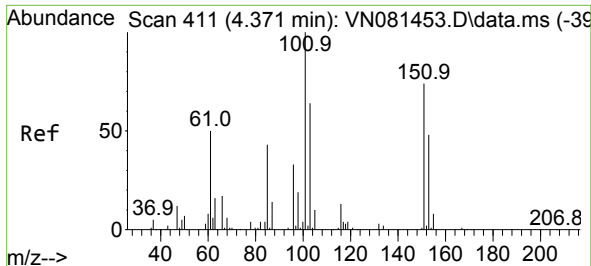
Tgt Ion:168 Resp: 427089
Ion Ratio Lower Upper
168 100
99 62.6 59.9 89.9



#5
Bromomethane
Concen: 0.292 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.041 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

Tgt Ion: 94 Resp: 1328
Ion Ratio Lower Upper
94 100
96 75.9 69.2 103.8

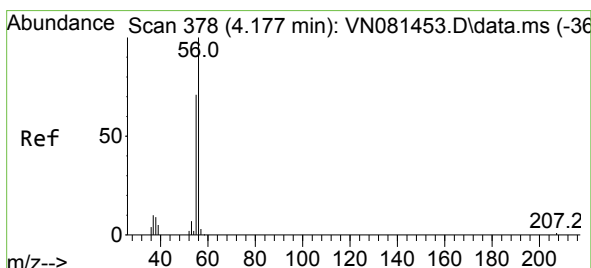
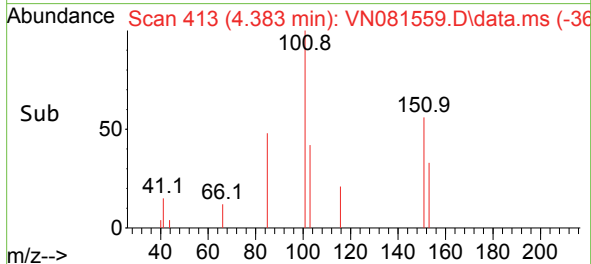
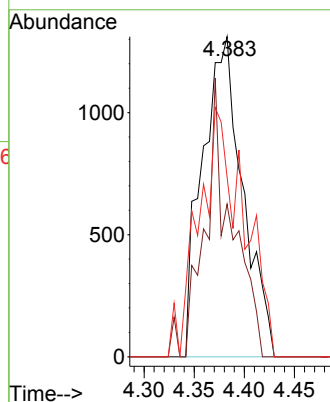
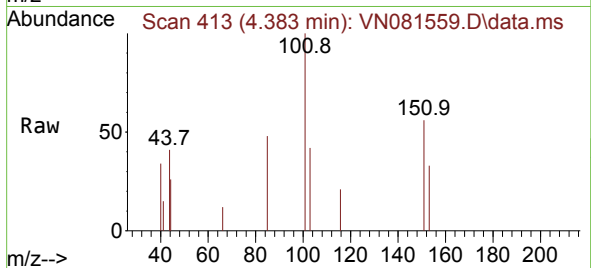




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.673 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

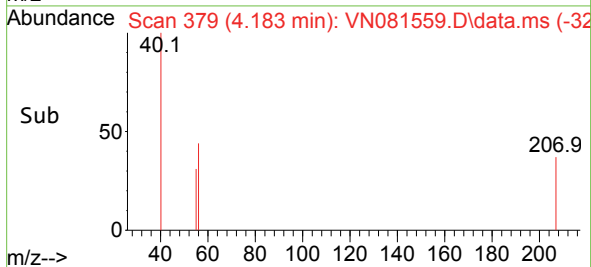
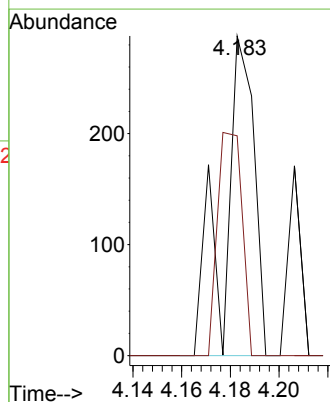
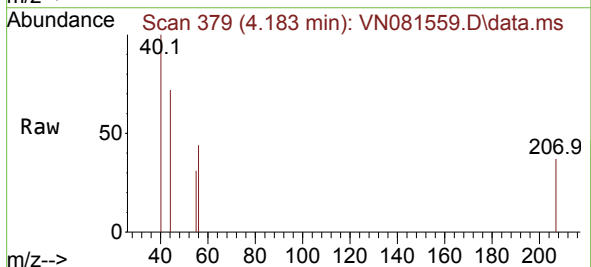
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ClientSampleId :
RE137-SP300C-20240321

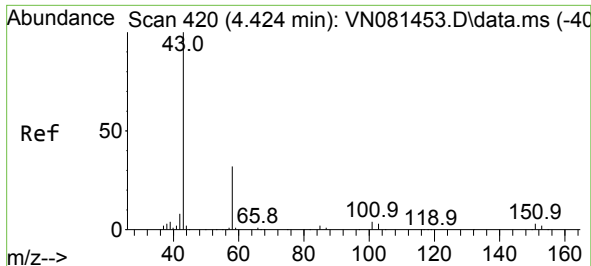
Tgt Ion:101 Resp: 3662
Ion Ratio Lower Upper
101 100
85 56.4 38.1 57.1
151 86.6 49.1 73.7#



#13
Acrolein
Concen: 0.288 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

Tgt Ion: 56 Resp: 245
Ion Ratio Lower Upper
56 100
55 57.6 55.3 82.9

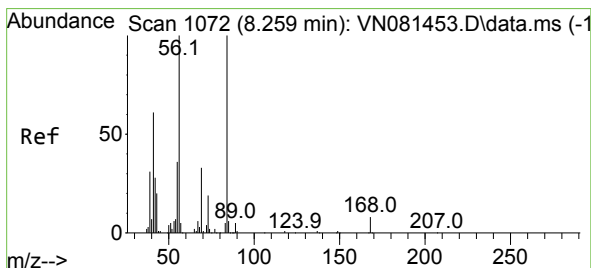
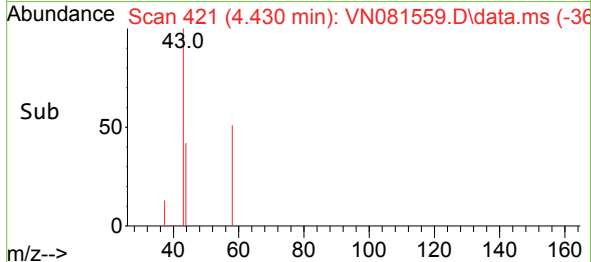
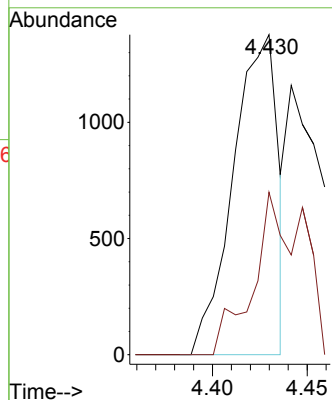
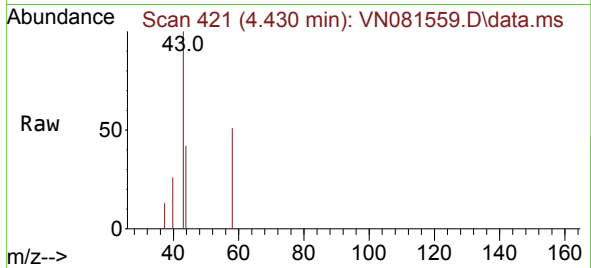




#16
Acetone
Concen: 1.285 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

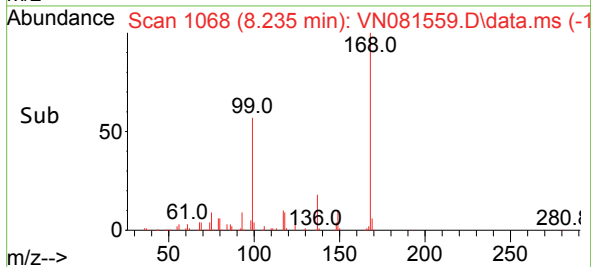
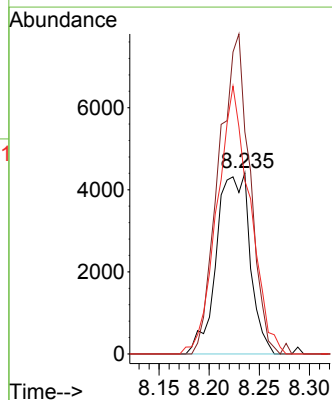
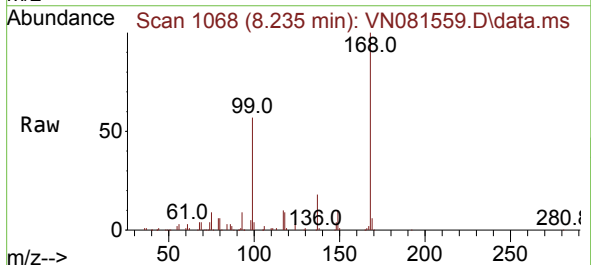
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ClientSampleId :
RE137-SP300C-20240321

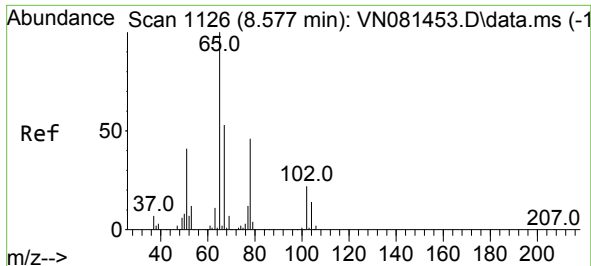
Tgt Ion: 43 Resp: 2261
Ion Ratio Lower Upper
43 100
58 82.9 24.8 37.2#



#31
Cyclohexane
Concen: 1.153 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.023 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

Tgt Ion: 56 Resp: 10216
Ion Ratio Lower Upper
56 100
69 122.7 20.1 30.1#
84 95.7 56.9 85.3#

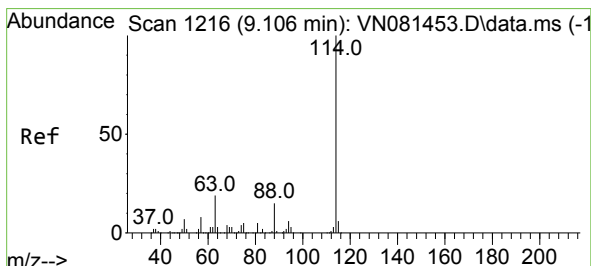
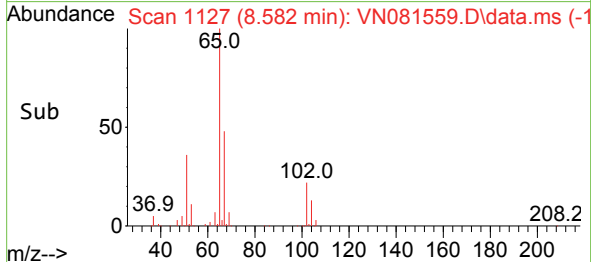
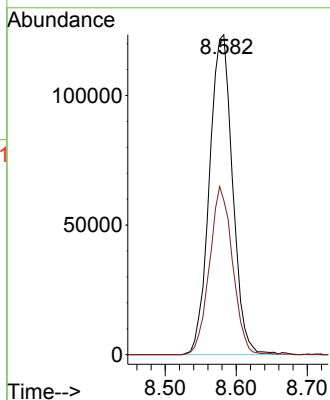
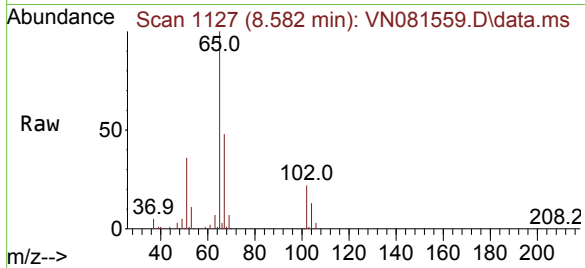




#33
 1,2-Dichloroethane-d4
 Concen: 51.308 ug/l
 RT: 8.582 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: VN081559.D
 Acq: 25 Mar 2024 14:07

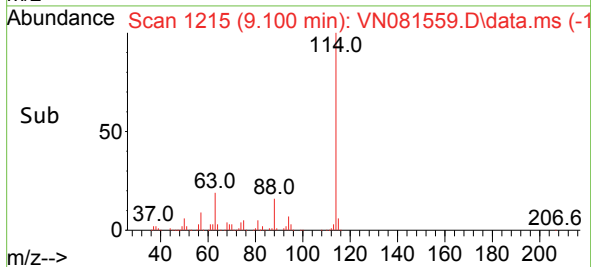
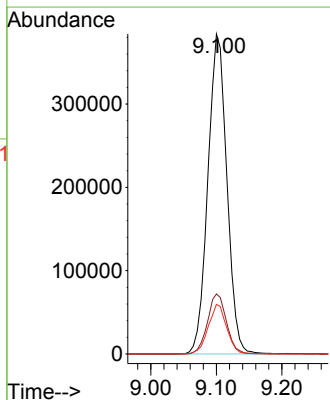
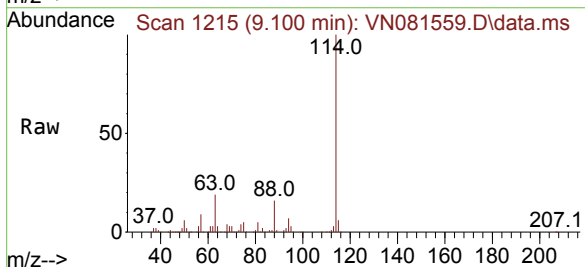
Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-SP300C-20240321

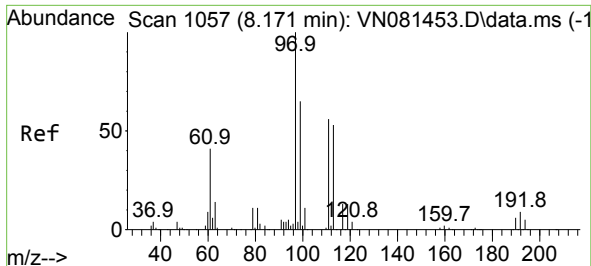
Tgt Ion: 65 Resp: 279450
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN081559.D
 Acq: 25 Mar 2024 14:07

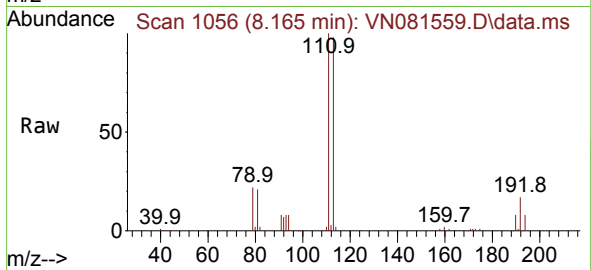
Tgt Ion: 114 Resp: 772816
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 48.0
 88 15.5 0.0 34.8



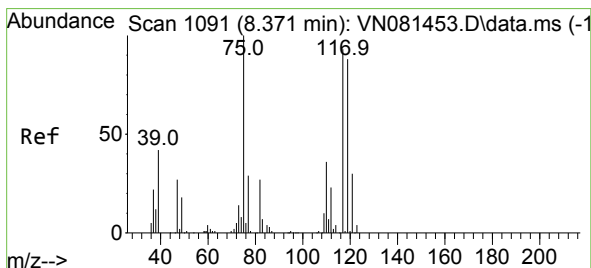
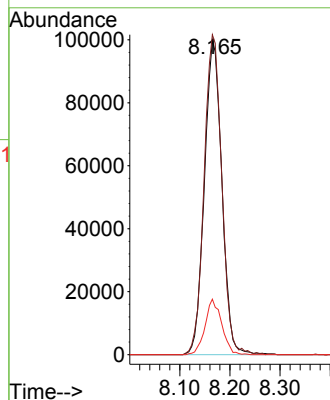
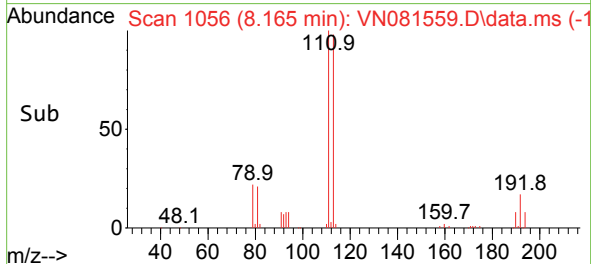


#35
Dibromofluoromethane
Concen: 49.670 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300C-20240321

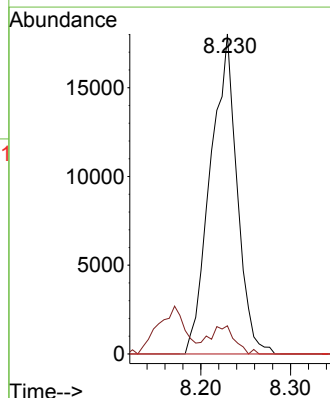
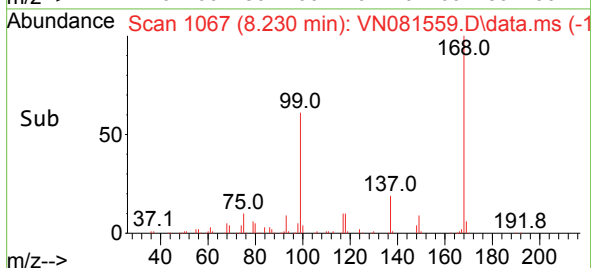
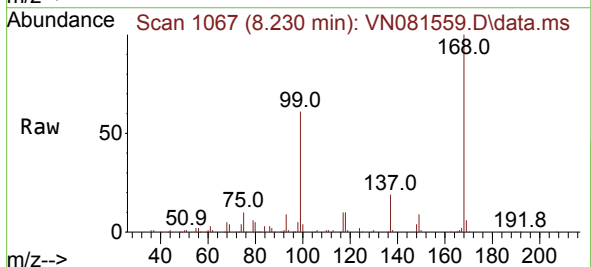


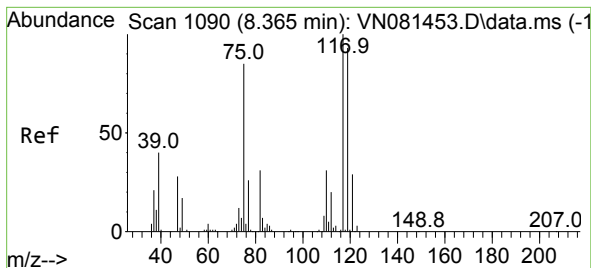
Tgt Ion:113 Resp: 242251
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 16.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.528 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

Tgt Ion: 75 Resp: 37163
Ion Ratio Lower Upper
75 100
110 8.1 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.076 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN081559.D

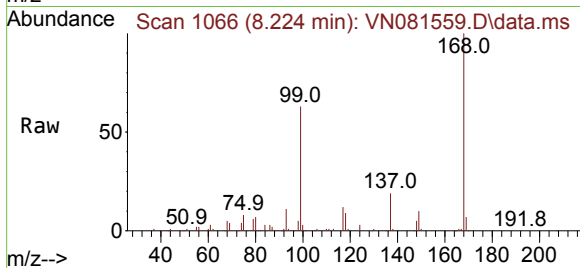
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Instrument :

MSVOA_N

ClientSampleId :

RE137-SP300C-20240321



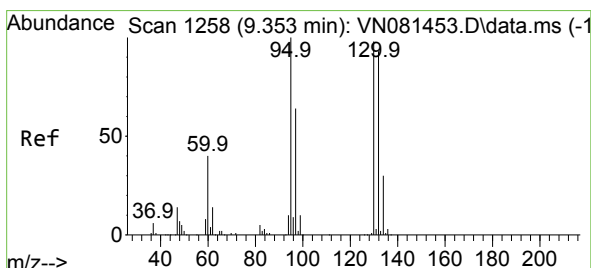
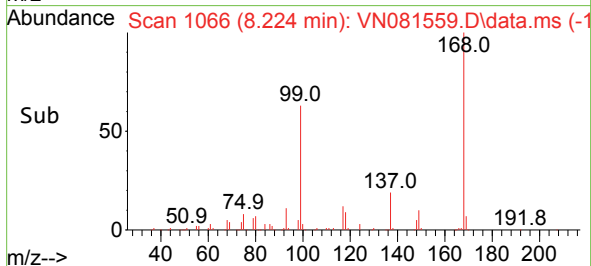
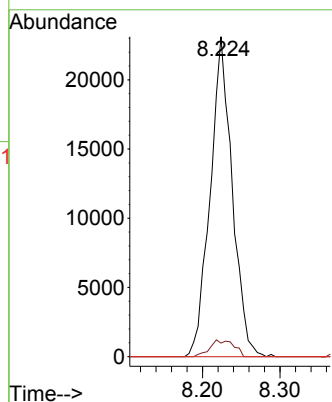
Tgt Ion:117 Resp: 45644

Ion Ratio Lower Upper

117 100

119 4.2 73.4 110.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 0.210 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VN081559.D

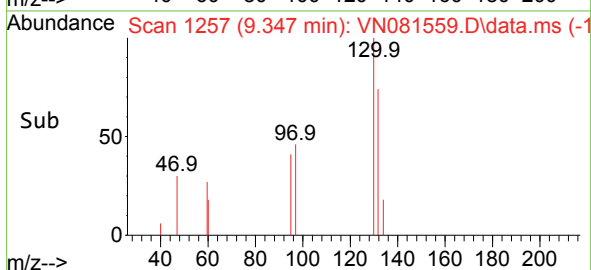
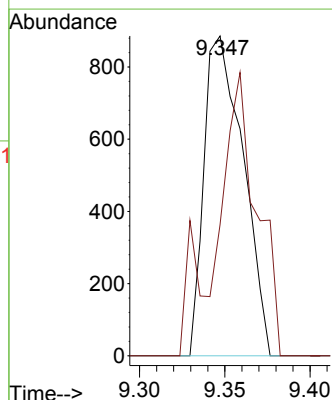
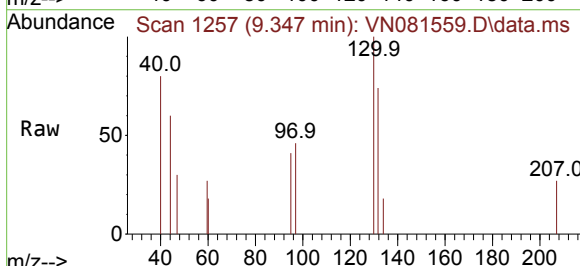
Acq: 25 Mar 2024 14:07

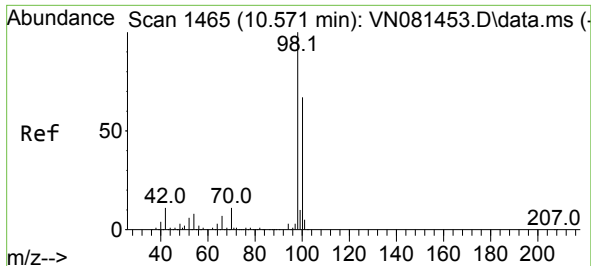
Tgt Ion:130 Resp: 1414

Ion Ratio Lower Upper

130 100

95 41.0 0.0 210.4

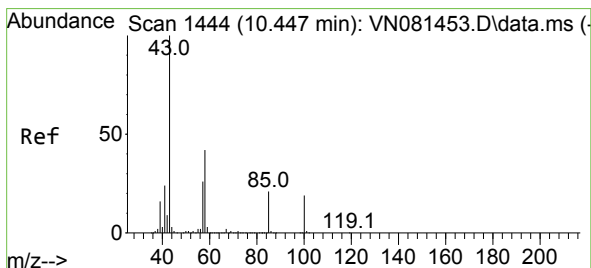
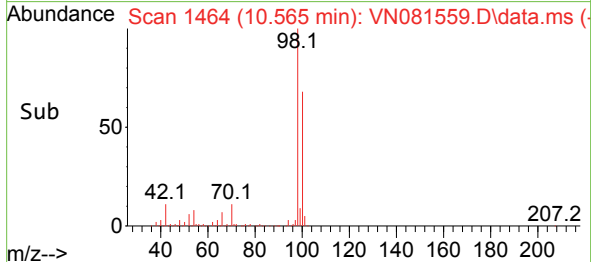
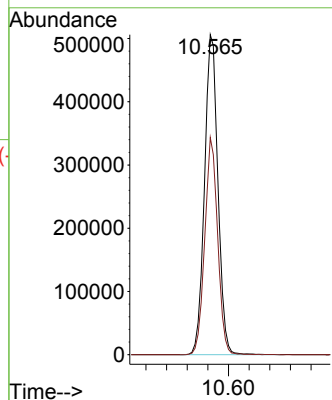
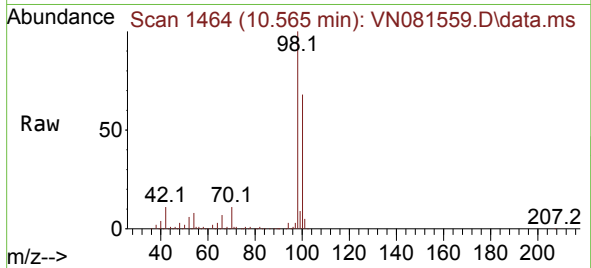




#50
Toluene-d8
Concen: 51.684 ug/l
RT: 10.565 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

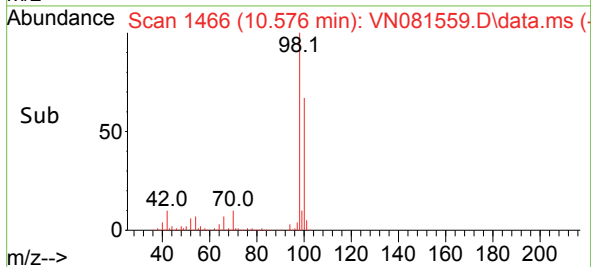
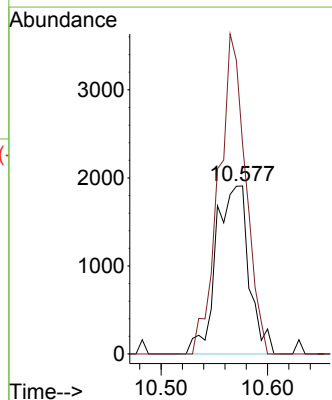
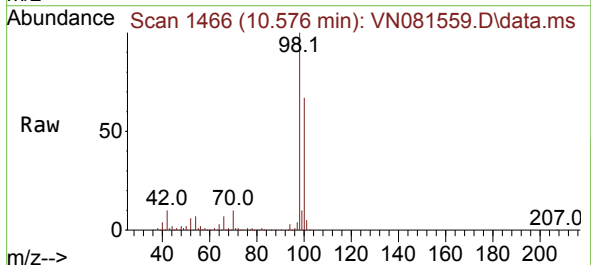
Instrument :
MSVOA_N
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RE137-SP300C-20240321

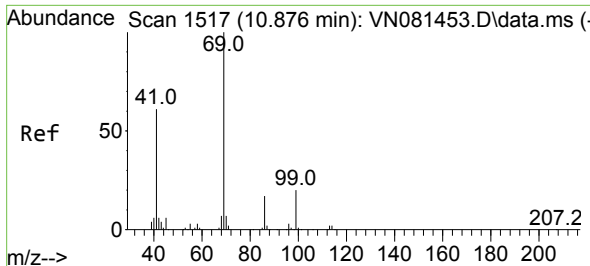
Tgt Ion: 98 Resp: 911225
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.577 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.130 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

Tgt Ion: 43 Resp: 4100
Ion Ratio Lower Upper
43 100
58 156.0 29.4 44.0#

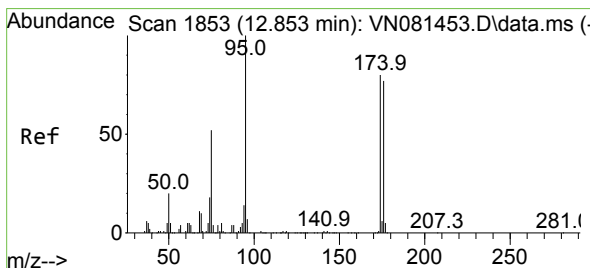
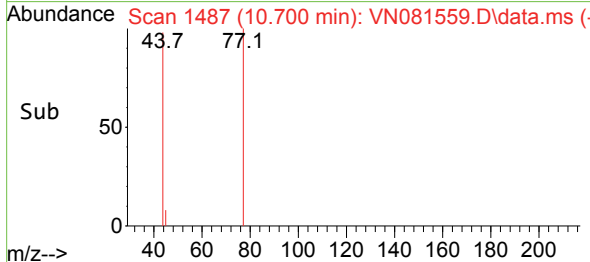
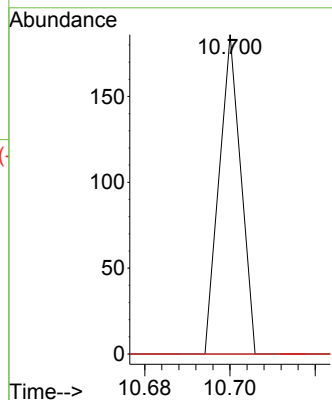
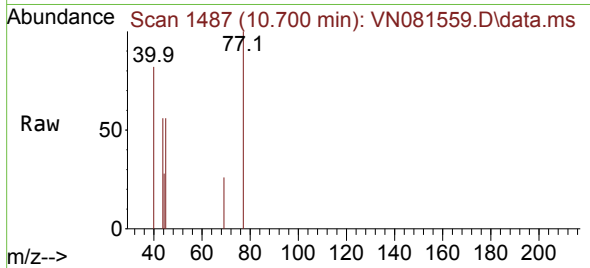




#56
Ethyl methacrylate
Concen: 0.578 ug/l
RT: 10.700 min Scan# 14
Delta R.T. -0.176 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

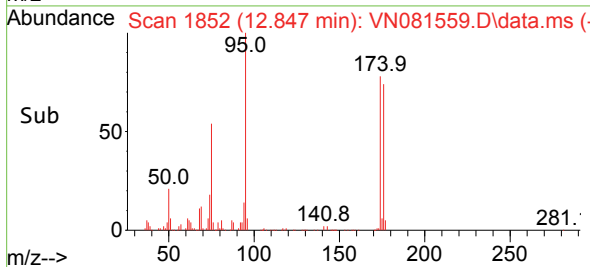
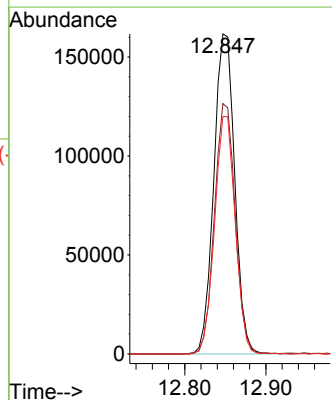
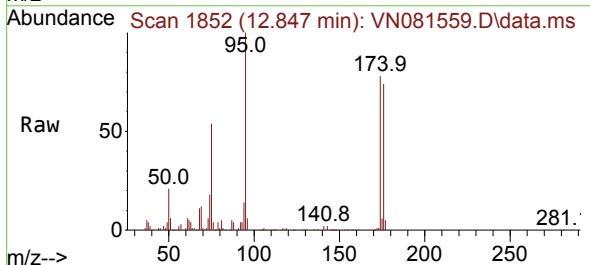
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300C-20240321

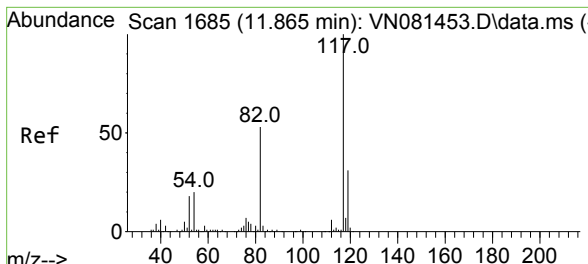
Tgt Ion: 69 Resp: 66
Ion Ratio Lower Upper
69 100
41 0.0 61.0 91.6#
39 0.0 31.8 47.6#



#62
4-Bromofluorobenzene
Concen: 46.550 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

Tgt Ion: 95 Resp: 289187
Ion Ratio Lower Upper
95 100
174 77.8 0.0 120.4
176 73.4 0.0 121.0

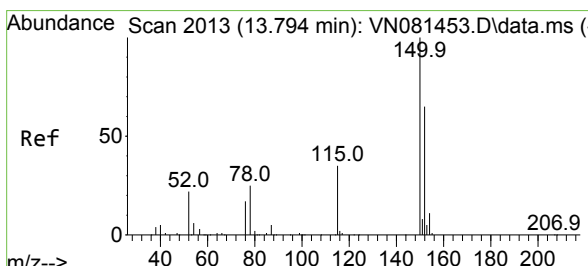
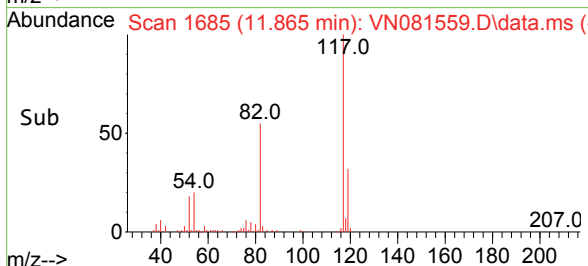
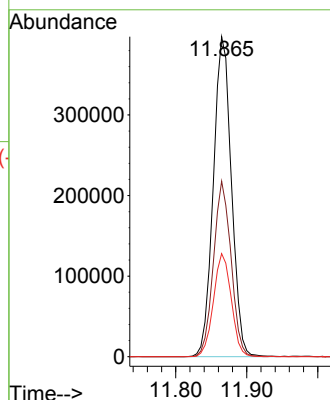
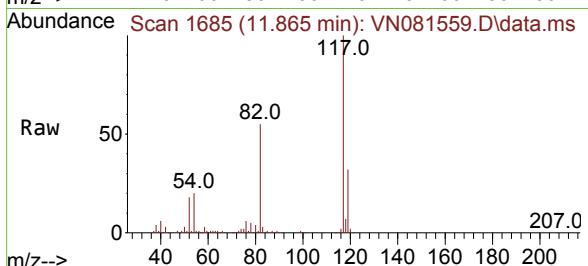




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

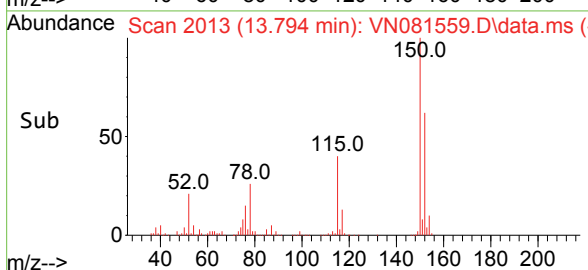
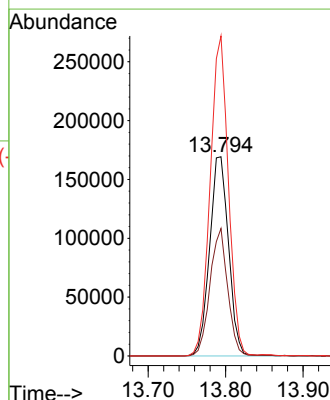
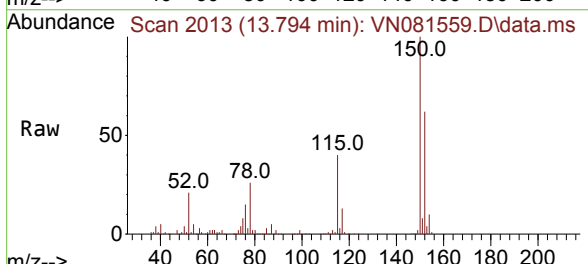
Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300C-20240321

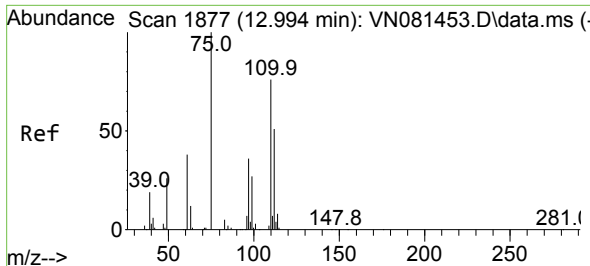
Tgt Ion:	117	Resp:	702500
Ion	Ratio	Lower	Upper
117	100		
82	54.9	52.7	79.1
119	32.2	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

Tgt Ion:	152	Resp:	287844
Ion	Ratio	Lower	Upper
152	100		
115	60.0	32.3	96.8
150	153.8	0.0	339.8

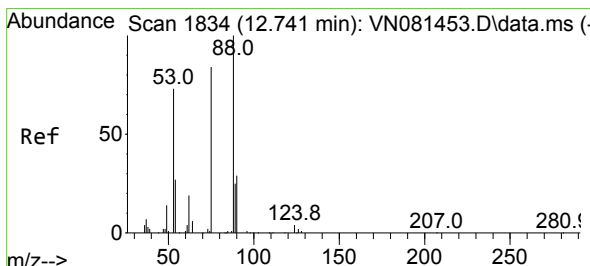
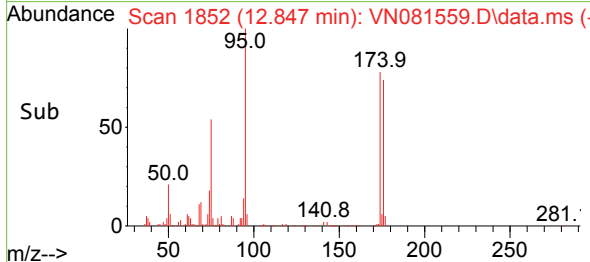
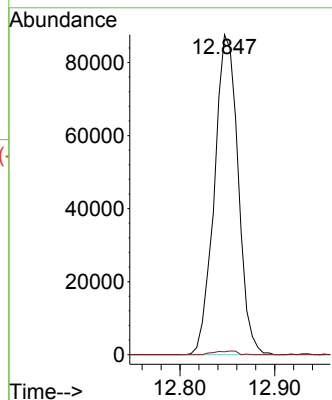
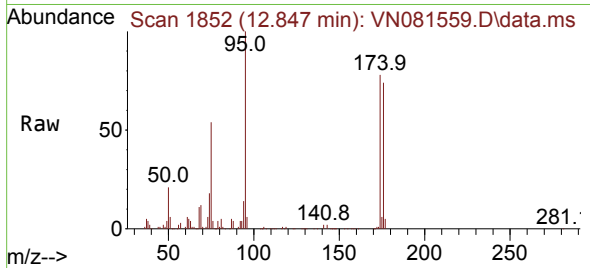




#76
1,2,3-Trichloropropane
Concen: 22.185 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

Instrument :
MSVOA_N
ClientSampleId :
RE137-SP300C-20240321

Tgt Ion: 75 Resp: 152754
Ion Ratio Lower Upper
75 100
77 1.1 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.952 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN081559.D
Acq: 25 Mar 2024 14:07

Tgt Ion: 75 Resp: 152754
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.2#
89 0.0 33.4 50.0#

