

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076974.D
 Acq On : 13 Mar 2023 20:10
 Operator : JC\MD
 Sample : 01880-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20230310

Quant Time: Mar 14 07:07:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

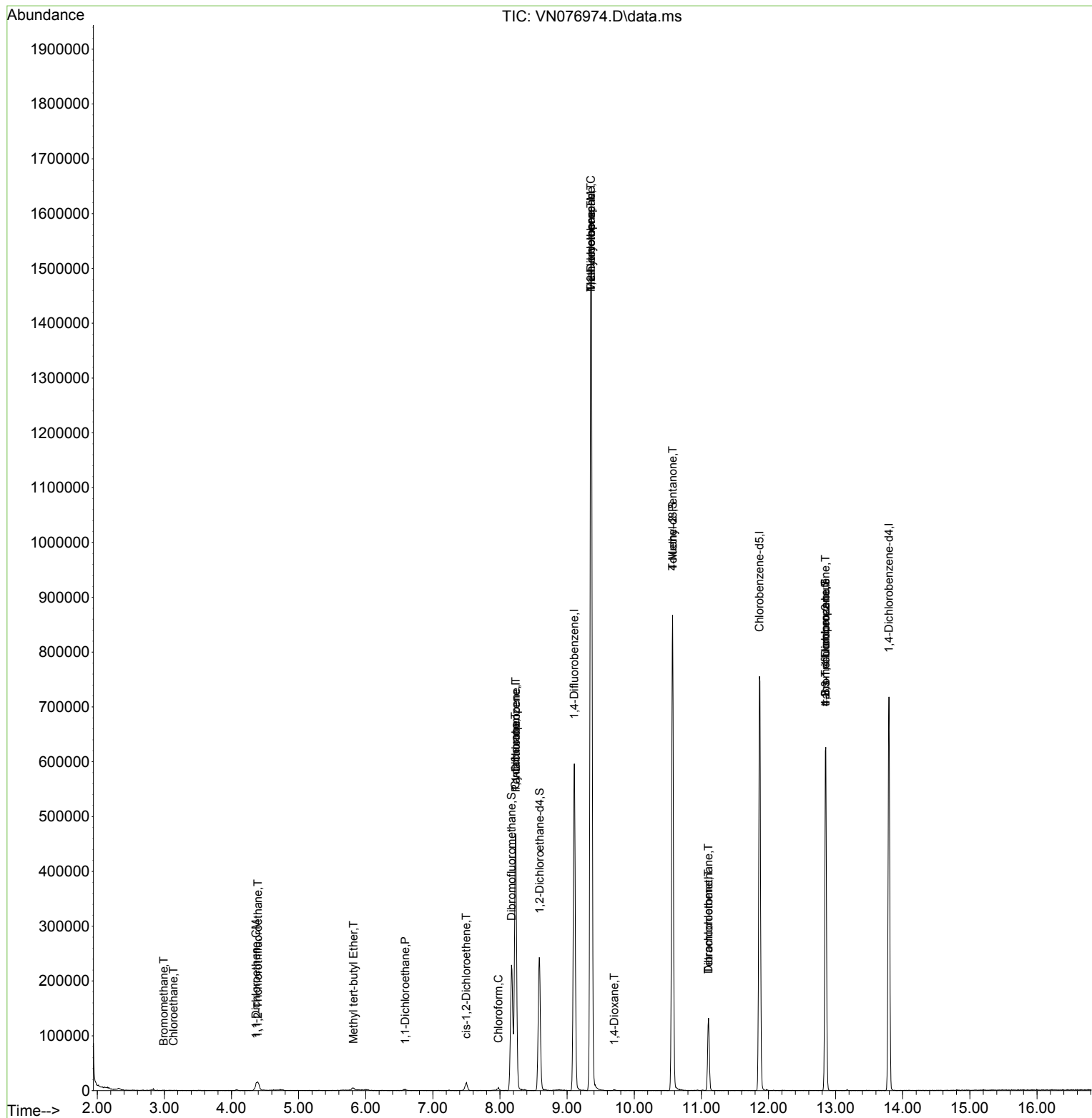
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.236	168	319948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	502617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	439836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	191944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	230311	48.238	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.480%
35) Dibromofluoromethane	8.172	113	157478	47.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.020%
50) Toluene-d8	10.572	98	589046	47.713	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.848	95	216698	47.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.980%
Target Compounds						
					Qvalue	
5) Bromomethane	2.990	94	431	0.202	ug/l #	1
6) Chloroethane	3.137	64	511	0.278	ug/l #	42
9) 1,1,2-Trichlorotrifluo...	4.396	101	10429	2.718	ug/l #	69
12) 1,1-Dichloroethene	4.366	96	2367	0.669	ug/l	82
19) Methyl tert-butyl Ether	5.819	73	6642	0.528	ug/l #	79
24) 1,1-Dichloroethane	6.590	63	3244	0.452	ug/l #	80
27) cis-1,2-Dichloroethene	7.495	96	8169	1.888	ug/l	93
30) Chloroform	7.978	83	4324	0.561	ug/l	87
31) Cyclohexane	8.231	56	7130	1.041	ug/l #	22
36) 1,1-Dichloropropene	8.236	75	26725	5.158	ug/l #	51
39) Methylcyclohexane	9.354	83	7512	1.194	ug/l #	1
44) Trichloroethene	9.354	130	580090	146.985	ug/l	100
45) 1,2-Dichloropropane	9.354	63	2003	0.533	ug/l #	1
49) 1,4-Dioxane	9.701	88	1391	20.500	ug/l #	83
51) 4-Methyl-2-Pentanone	10.572	43	2447	0.557	ug/l #	1
60) Dibromochloromethane	11.107	129	28971	7.191	ug/l #	10
64) Tetrachloroethene	11.107	164	29053	8.162	ug/l	96
76) 1,2,3-Trichloropropane	12.848	75	129066	27.735	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.848	75	129066	90.596	ug/l #	15

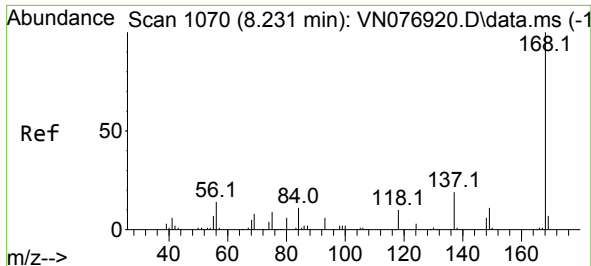
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
Data File : VN076974.D
Acq On : 13 Mar 2023 20:10
Operator : JC\MD
Sample : 01880-14
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230310

Quant Time: Mar 14 07:07:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

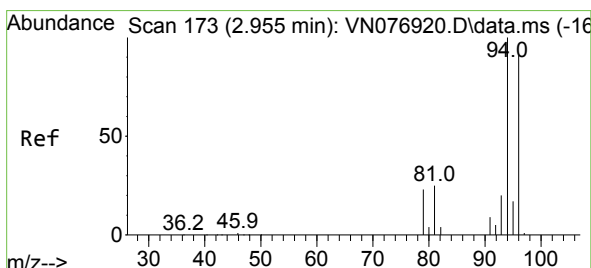
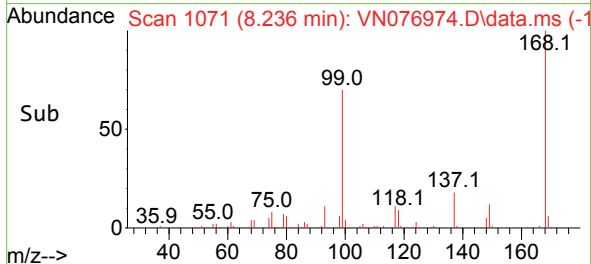
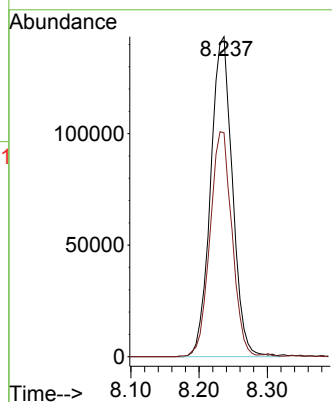
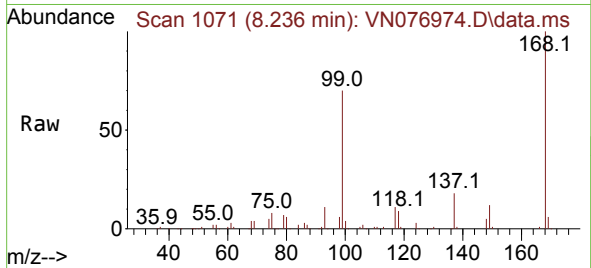




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

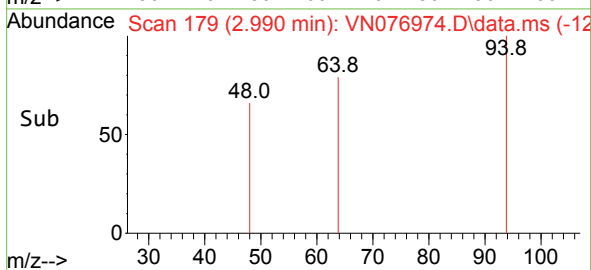
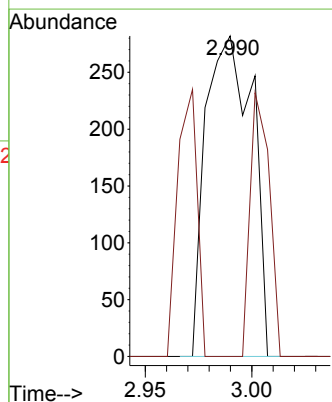
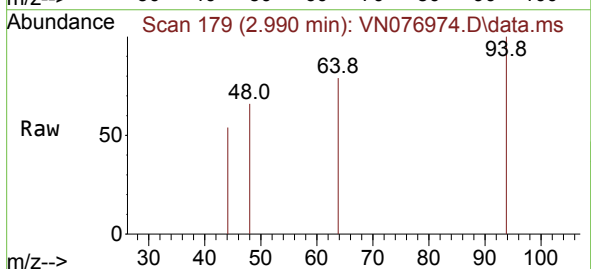
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230310

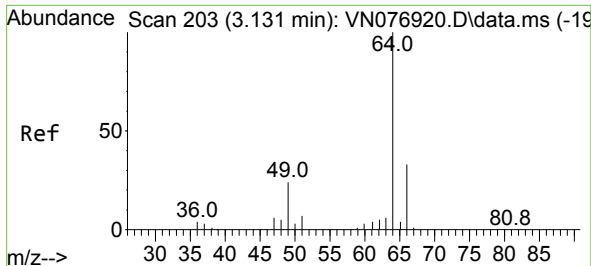
Tgt Ion:168 Resp: 319948
Ion Ratio Lower Upper
168 100
99 69.8 48.6 73.0



#5
Bromomethane
Concen: 0.202 ug/l
RT: 2.990 min Scan# 179
Delta R.T. 0.035 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 0.0 79.0 118.6#

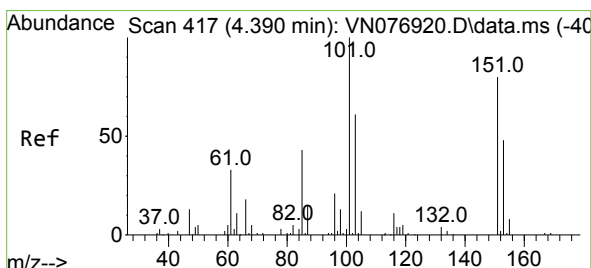
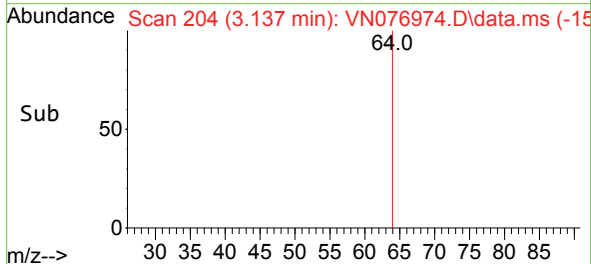
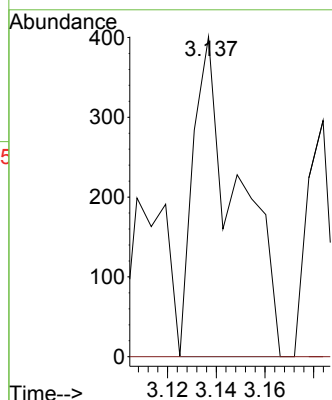
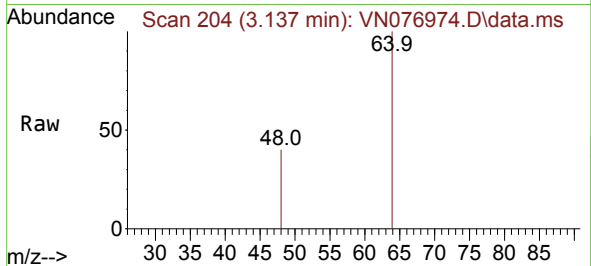




#6
Chloroethane
Concen: 0.278 ug/l
RT: 3.137 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

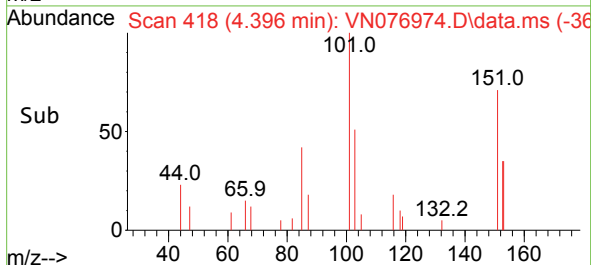
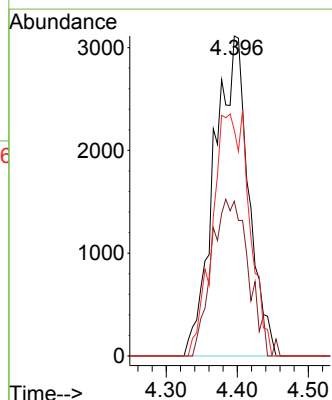
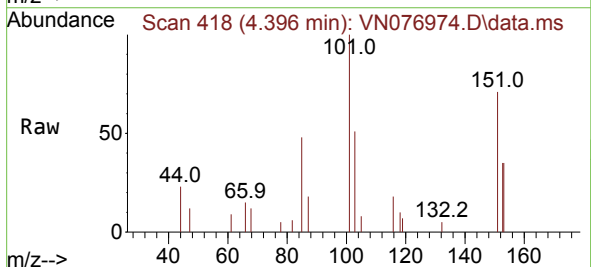
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230310

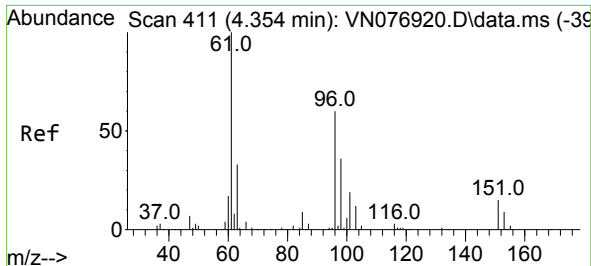
Tgt Ion: 64 Resp: 511
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.718 ug/l
RT: 4.396 min Scan# 418
Delta R.T. 0.006 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

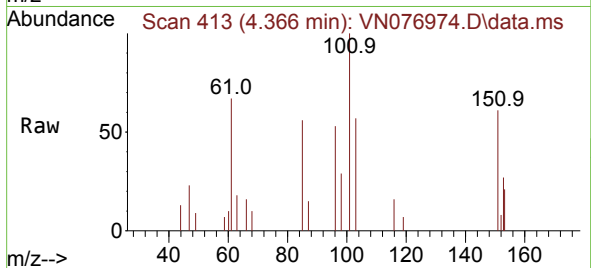
Tgt Ion:101 Resp: 10429
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 81.4 58.9 88.3



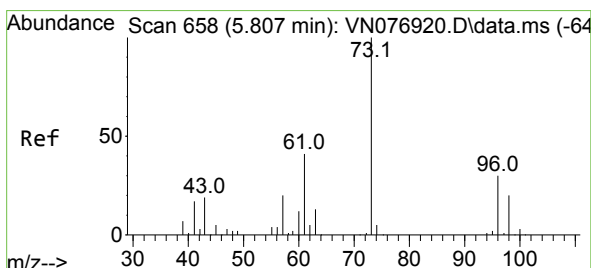
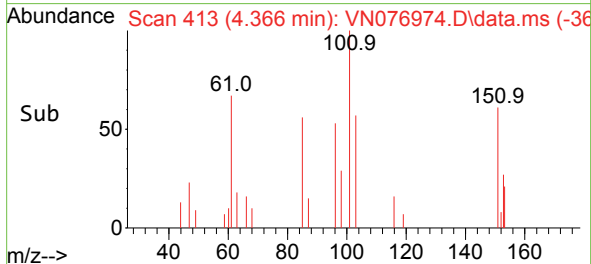
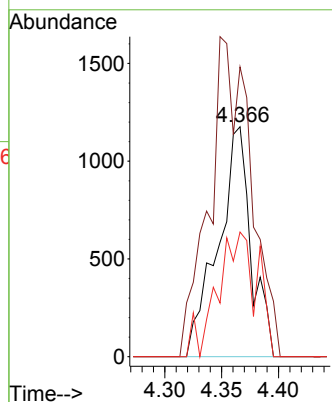


#12
1,1-Dichloroethene
Concen: 0.669 ug/l
RT: 4.366 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230310

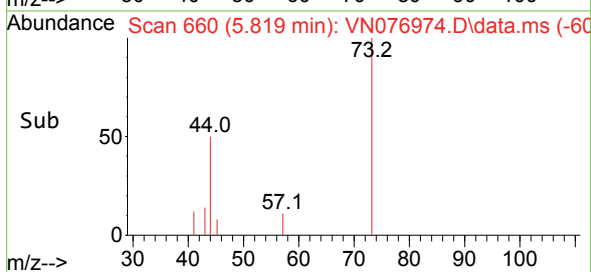
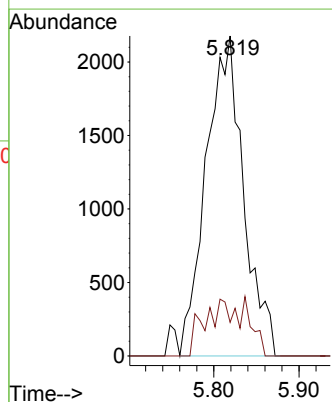
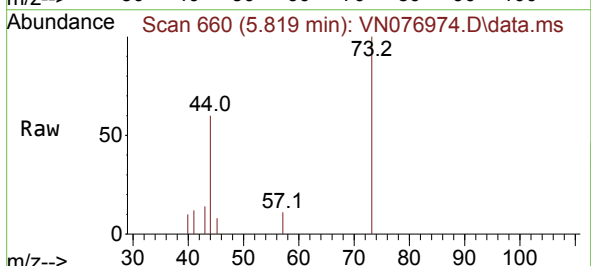


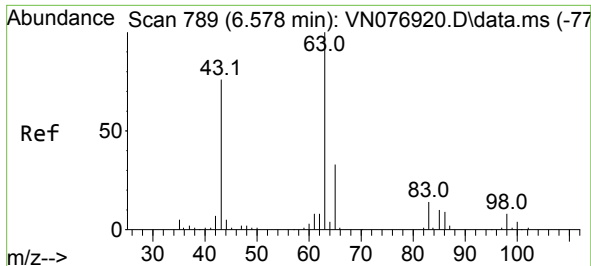
Tgt Ion: 96 Resp: 2367
Ion Ratio Lower Upper
96 100
61 126.0 121.3 181.9
98 54.3 52.1 78.1



#19
Methyl tert-butyl Ether
Concen: 0.528 ug/l
RT: 5.819 min Scan# 660
Delta R.T. 0.012 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

Tgt Ion: 73 Resp: 6642
Ion Ratio Lower Upper
73 100
57 10.5 16.1 24.1#

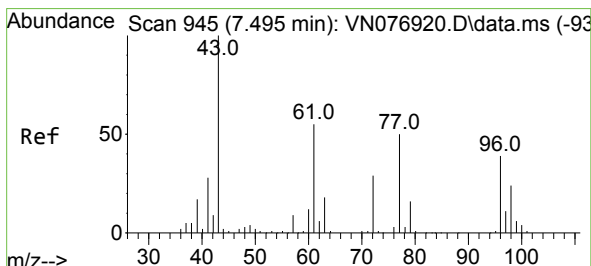
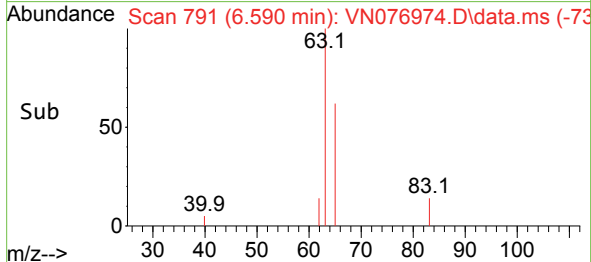
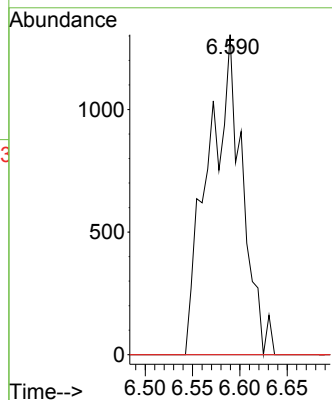
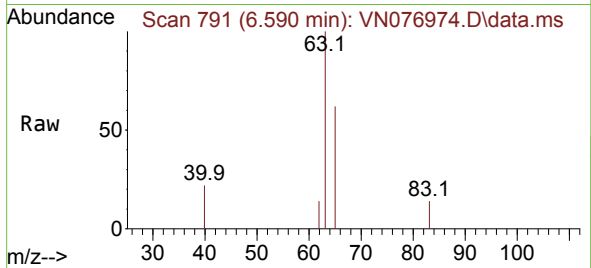




#24
1,1-Dichloroethane
Concen: 0.452 ug/l
RT: 6.590 min Scan# 791
Delta R.T. 0.012 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

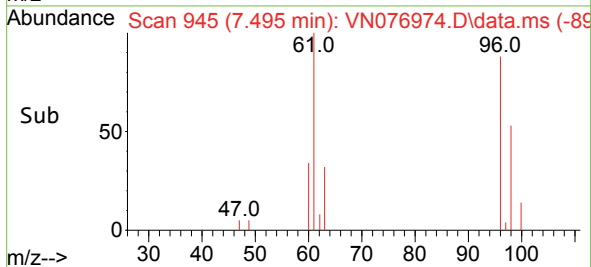
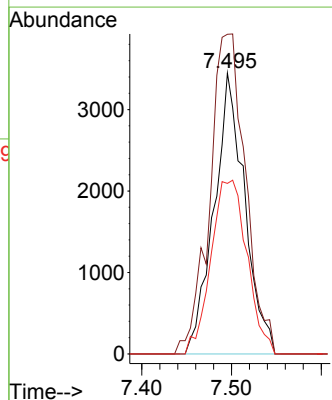
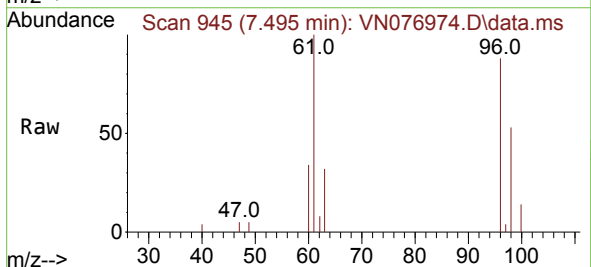
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230310

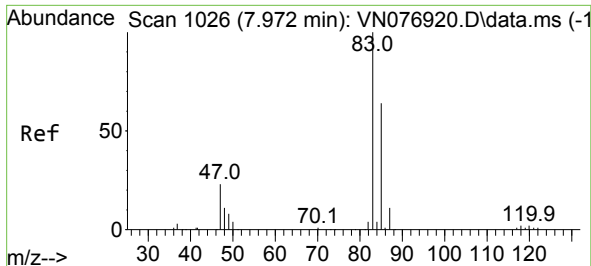
Tgt Ion: 63 Resp: 3244
Ion Ratio Lower Upper
63 100
98 0.0 4.2 12.6#
100 0.0 2.2 6.6#



#27
cis-1,2-Dichloroethene
Concen: 1.888 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

Tgt Ion: 96 Resp: 8169
Ion Ratio Lower Upper
96 100
61 133.2 0.0 255.6
98 73.0 0.0 127.4





#30

Chloroform

Concen: 0.561 ug/l

RT: 7.978 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN076974.D

Acq: 13 Mar 2023 20:10

Instrument :

MSVOA_N

ClientSampleId :

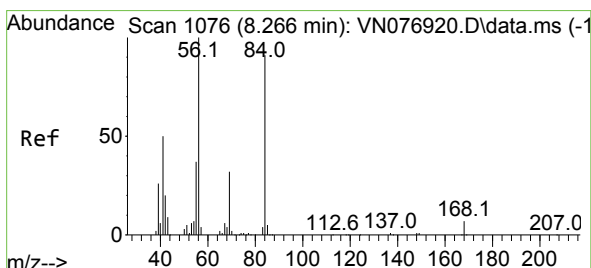
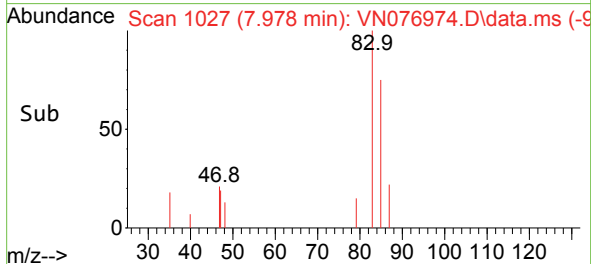
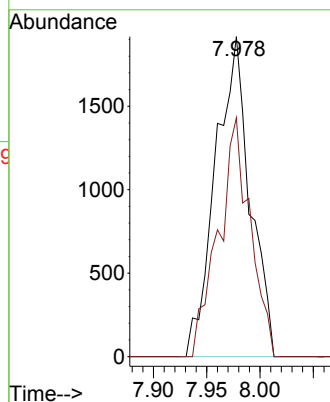
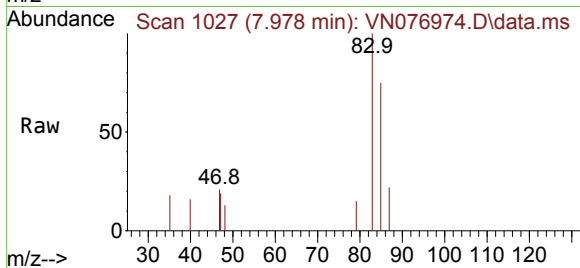
RE125D1-20230310

Tgt Ion: 83 Resp: 4324

Ion Ratio Lower Upper

83 100

85 74.6 51.3 76.9



#31

Cyclohexane

Concen: 1.041 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.035 min

Lab File: VN076974.D

Acq: 13 Mar 2023 20:10

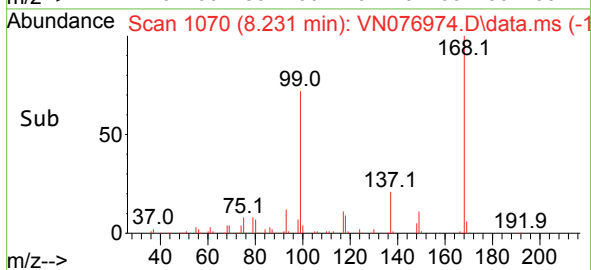
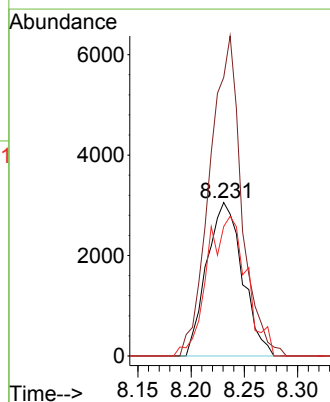
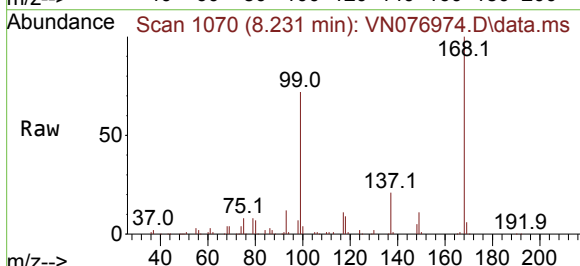
Tgt Ion: 56 Resp: 7130

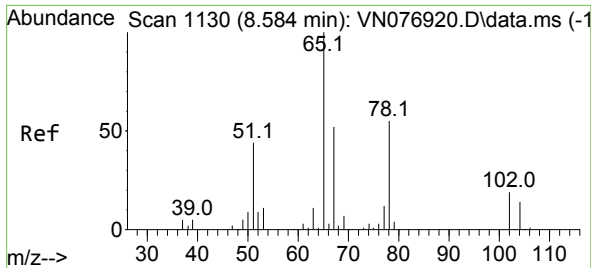
Ion Ratio Lower Upper

56 100

69 181.5 27.0 40.6#

84 84.3 82.9 124.3

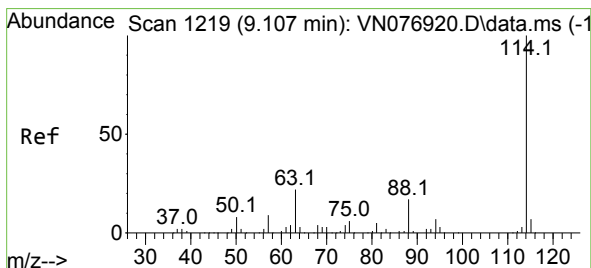
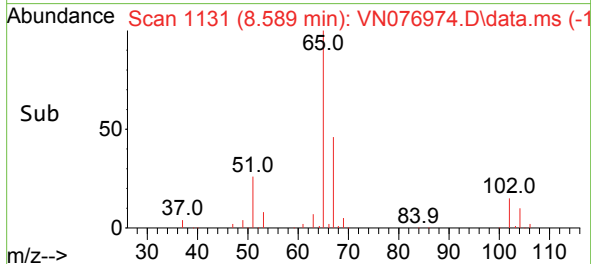
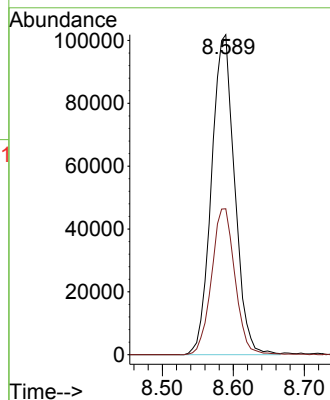
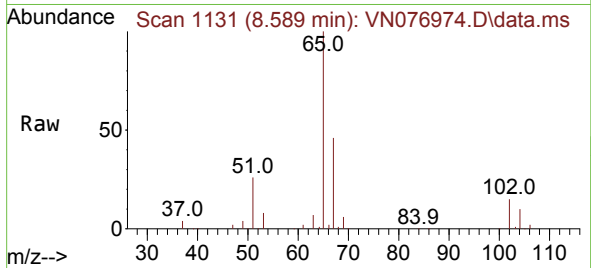




#33
 1,2-Dichloroethane-d4
 Concen: 48.238 ug/l
 RT: 8.589 min Scan# 1130
 Delta R.T. 0.005 min
 Lab File: VN076974.D
 Acq: 13 Mar 2023 20:10

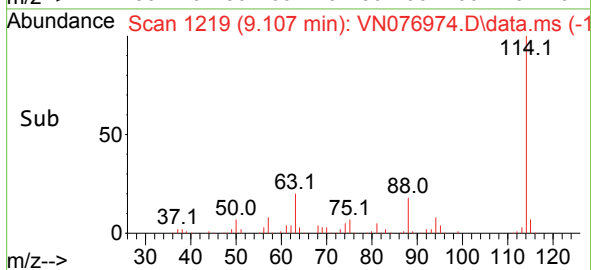
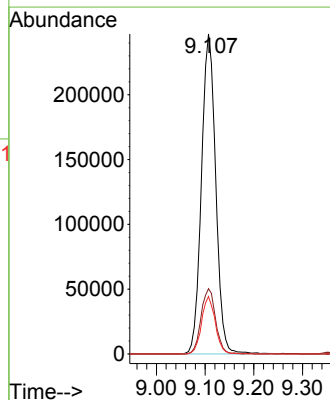
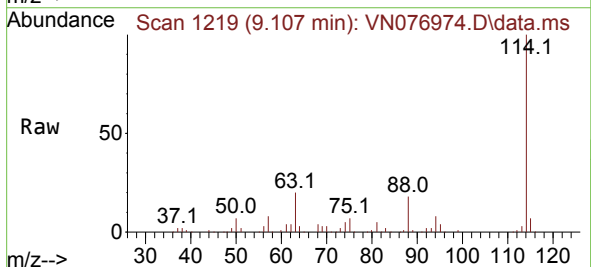
Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20230310

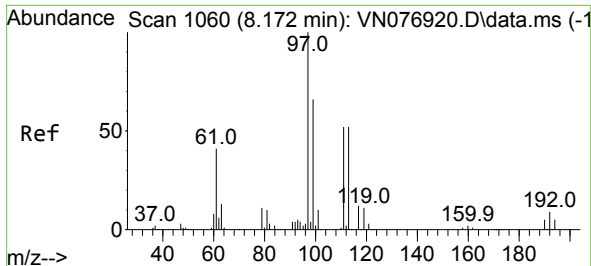
Tgt Ion: 65 Resp: 230311
 Ion Ratio Lower Upper
 65 100
 67 46.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. 0.000 min
 Lab File: VN076974.D
 Acq: 13 Mar 2023 20:10

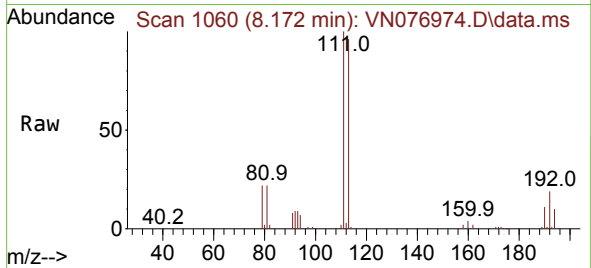
Tgt Ion: 114 Resp: 502617
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 36.6
 88 17.9 0.0 28.6



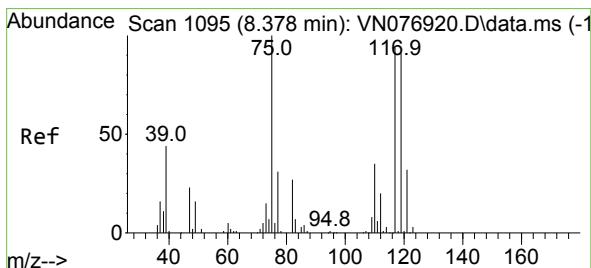
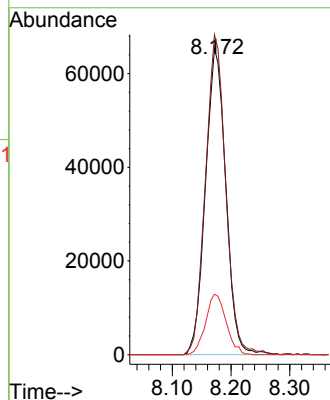
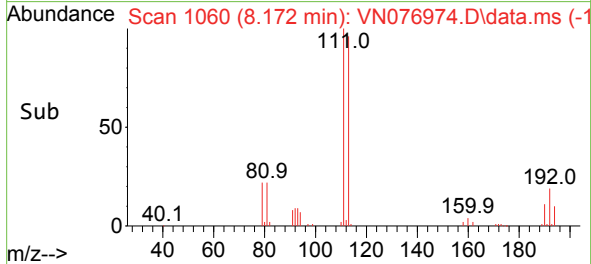


#35
Dibromofluoromethane
Concen: 47.011 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230310

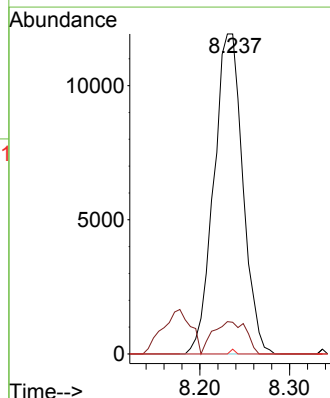
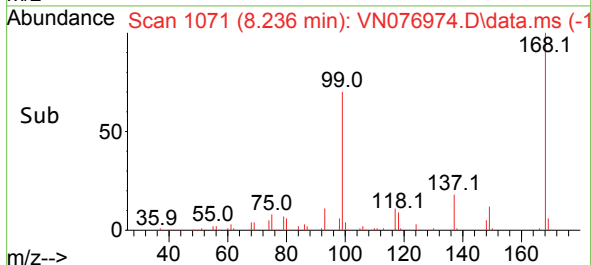
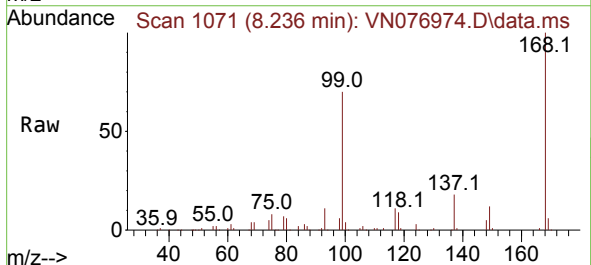


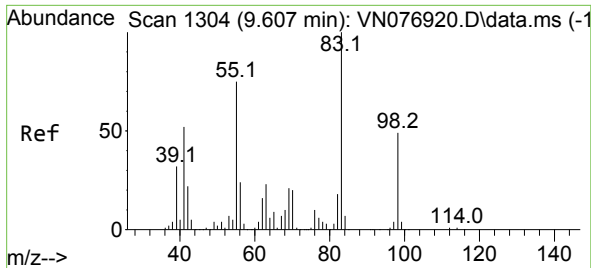
Tgt Ion:113 Resp: 157478
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.8
192 19.9 13.9 20.9



#36
1,1-Dichloropropene
Concen: 5.158 ug/l
RT: 8.236 min Scan# 1071
Delta R.T. -0.142 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

Tgt Ion: 75 Resp: 26725
Ion Ratio Lower Upper
75 100
110 11.5 18.9 56.9#
77 0.2 24.9 37.3#

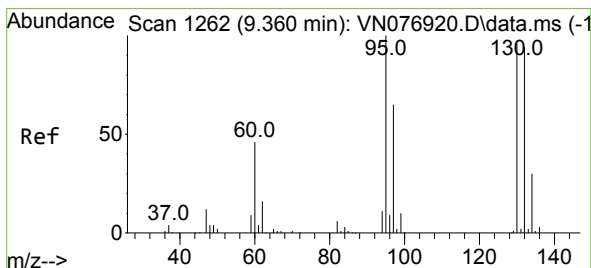
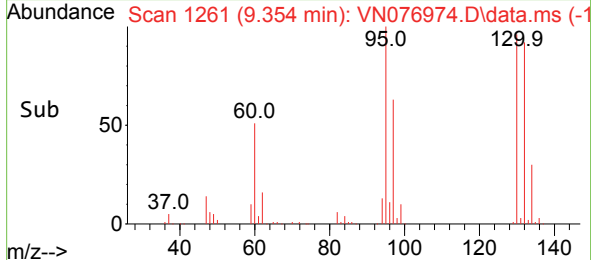
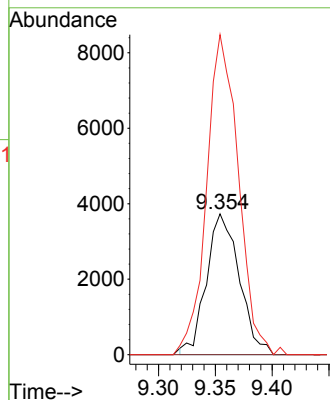
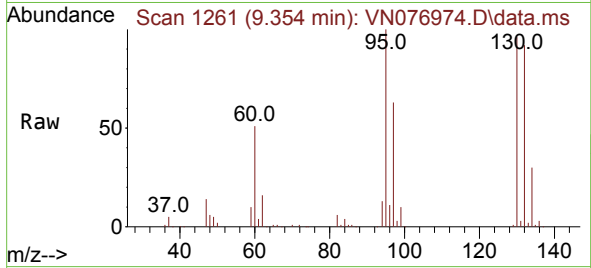




#39
Methylcyclohexane
Concen: 1.194 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.253 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

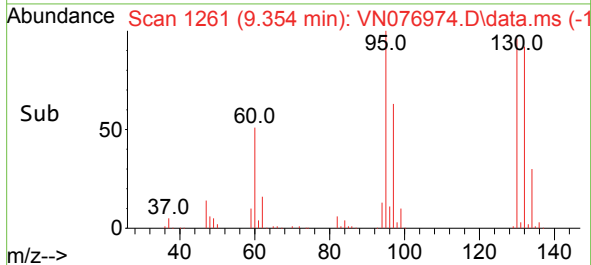
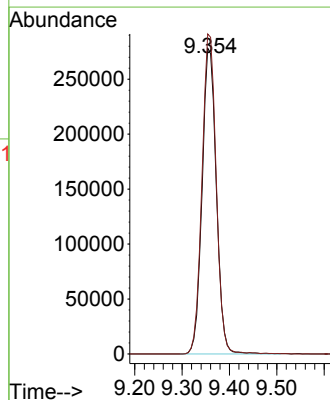
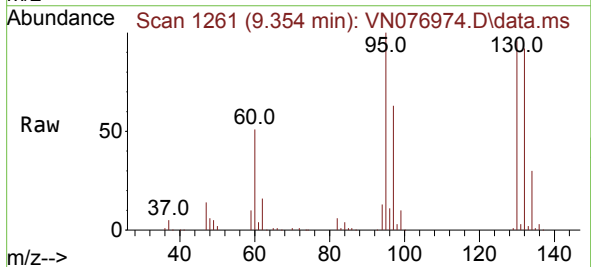
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230310

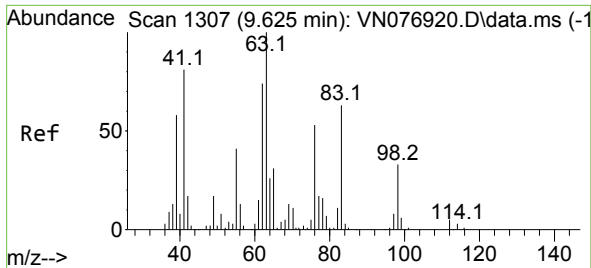
Tgt Ion: 83 Resp: 7512
Ion Ratio Lower Upper
83 100
55 0.0 47.0 70.4#
98 222.1 39.4 59.0#



#44
Trichloroethene
Concen: 146.985 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

Tgt Ion:130 Resp: 580090
Ion Ratio Lower Upper
130 100
95 104.6 0.0 208.6

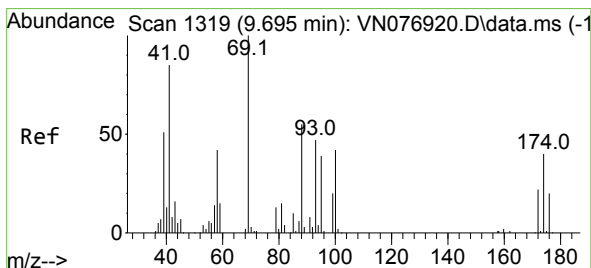
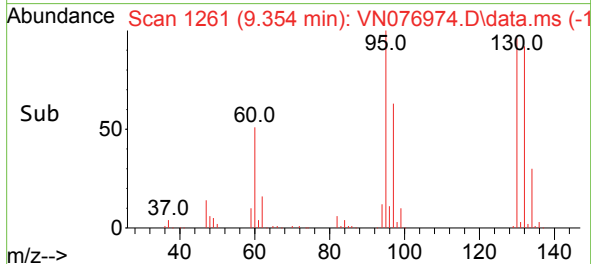
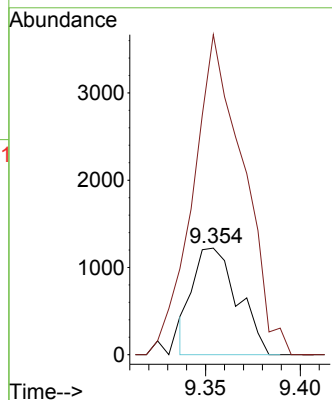
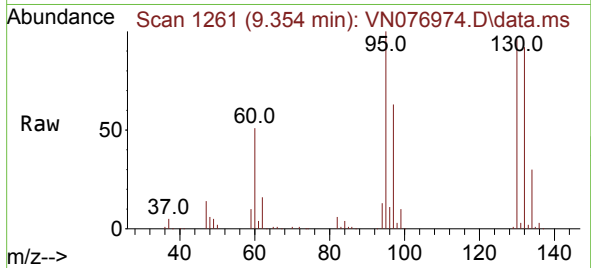




#45
1,2-Dichloropropane
Concen: 0.533 ug/l
RT: 9.354 min Scan# 11
Delta R.T. -0.271 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

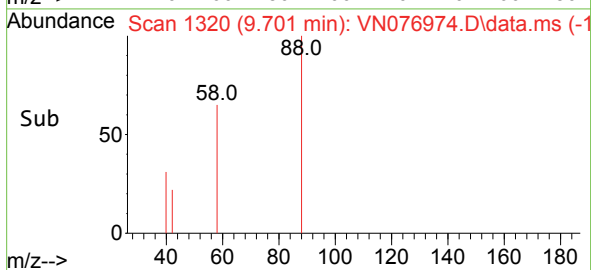
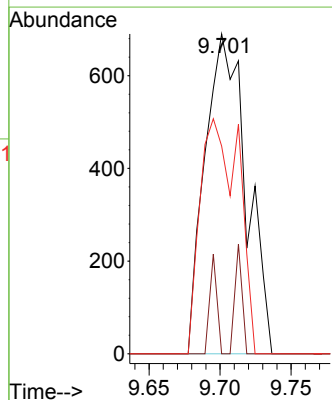
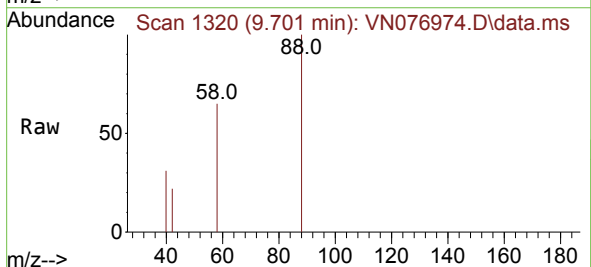
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230310

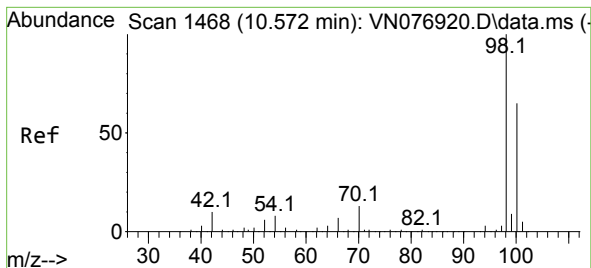
Tgt Ion: 63 Resp: 2003
Ion Ratio Lower Upper
63 100
65 275.3 25.0 37.6#



#49
1,4-Dioxane
Concen: 20.500 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

Tgt Ion: 88 Resp: 1391
Ion Ratio Lower Upper
88 100
43 5.5 15.3 22.9#
58 68.7 47.6 71.4

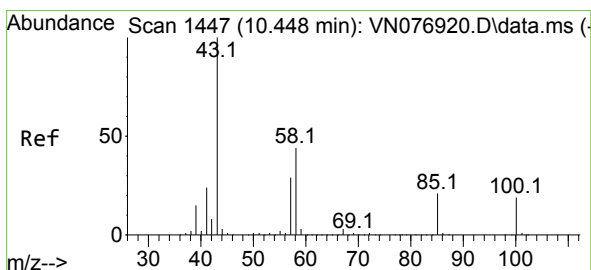
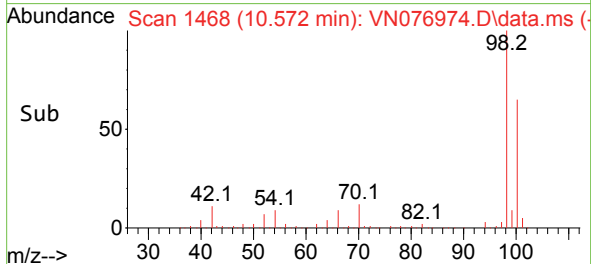
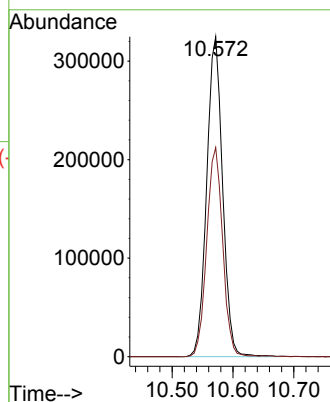
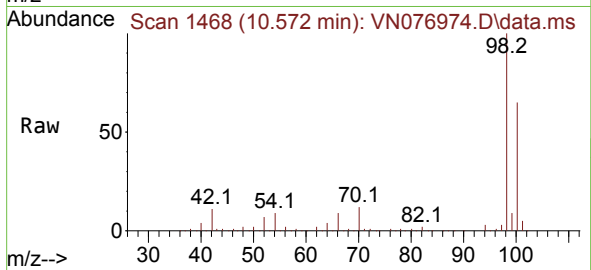




#50
Toluene-d8
Concen: 47.713 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

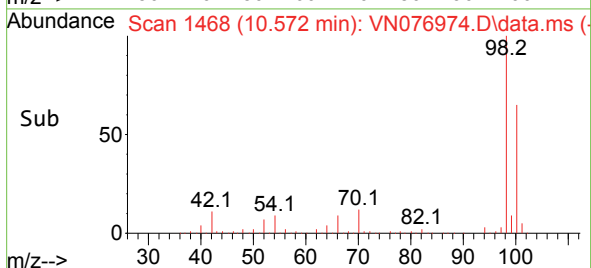
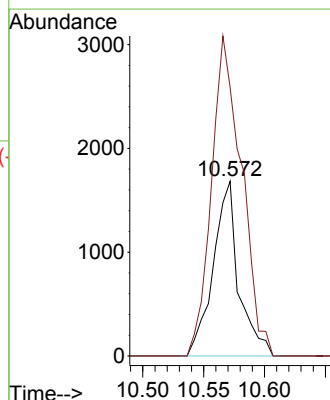
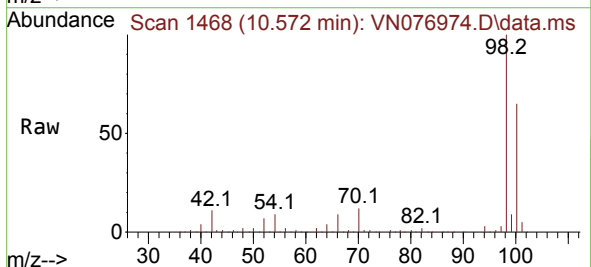
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230310

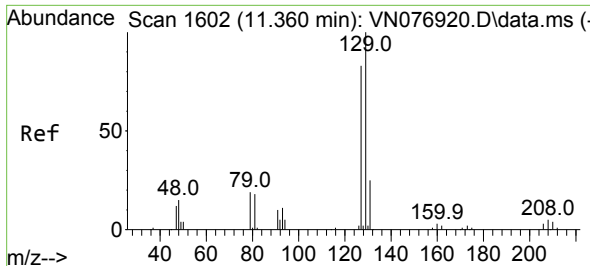
Tgt Ion: 98 Resp: 589046
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.557 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.124 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

Tgt Ion: 43 Resp: 2447
Ion Ratio Lower Upper
43 100
58 216.9 37.4 56.0#

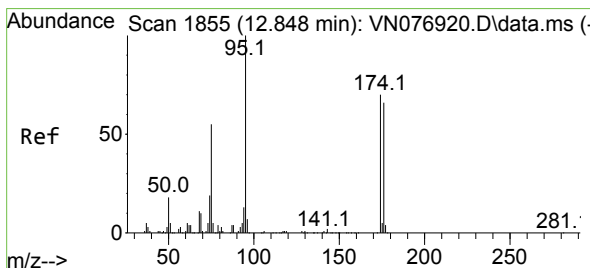
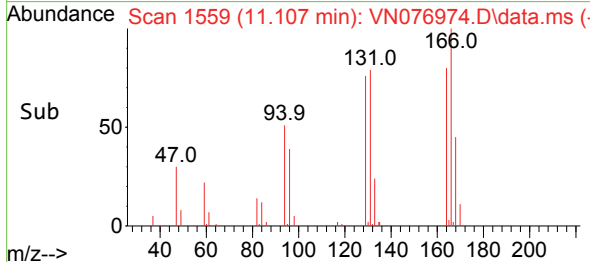
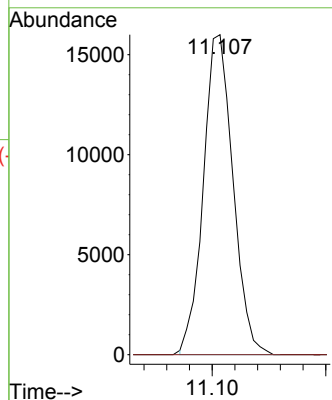
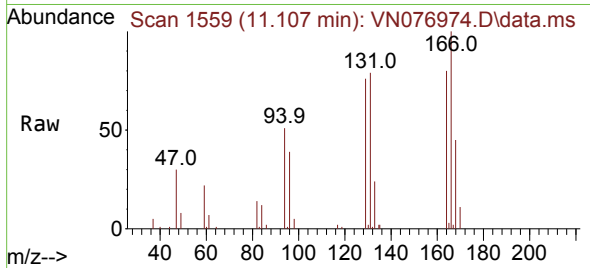




#60
Dibromochloromethane
Concen: 7.191 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

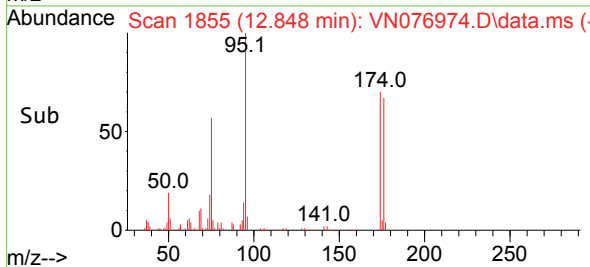
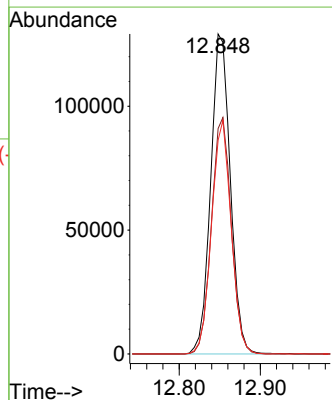
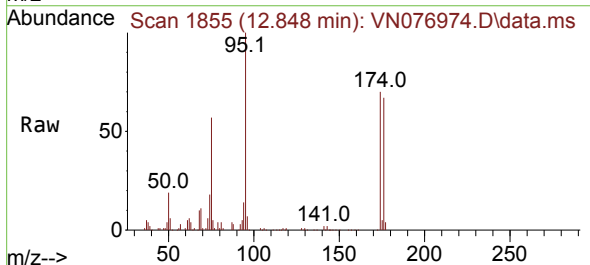
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230310

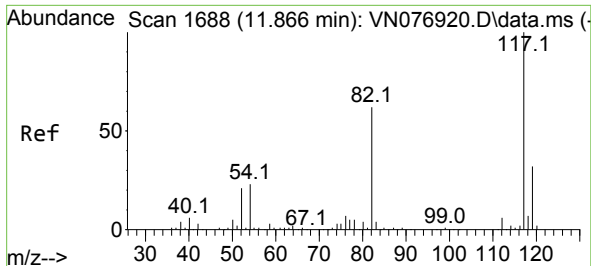
Tgt Ion:129 Resp: 28971
Ion Ratio Lower Upper
129 100
127 0.0 39.6 118.8#



#62
4-Bromofluorobenzene
Concen: 47.989 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

Tgt Ion: 95 Resp: 216698
Ion Ratio Lower Upper
95 100
174 74.7 0.0 162.4
176 72.9 0.0 157.4

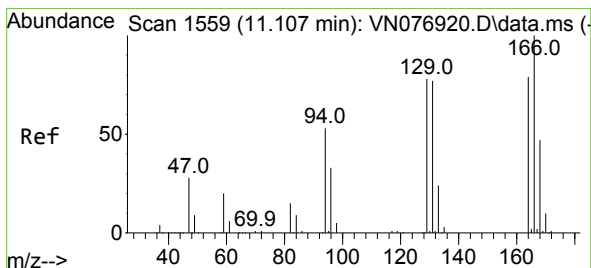
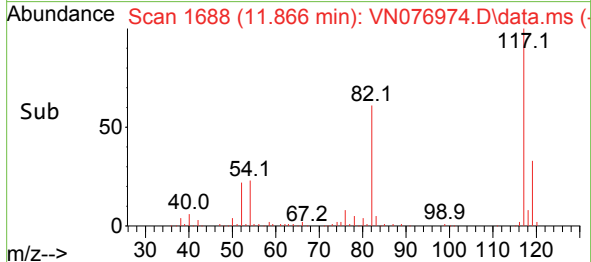
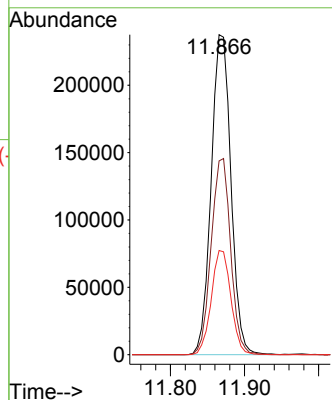
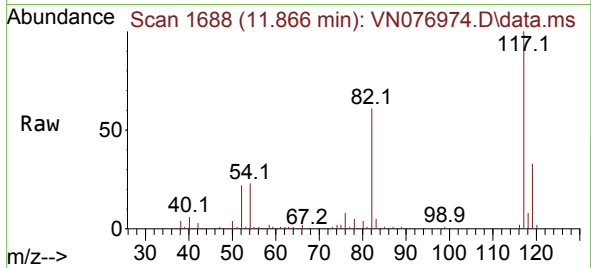




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

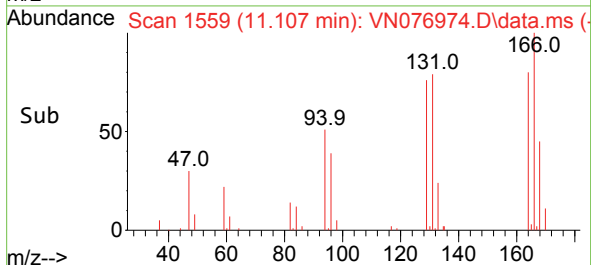
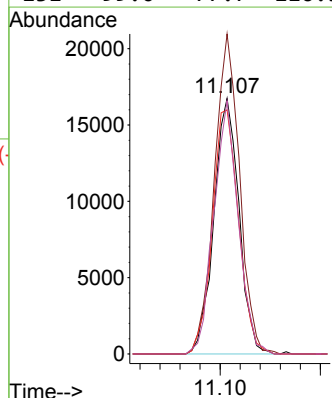
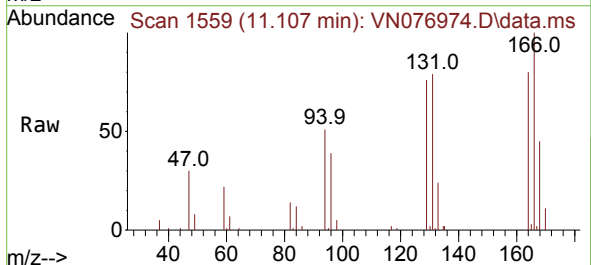
Instrument :
MSVOA_N
ClientSampleId :
RE125D1-20230310

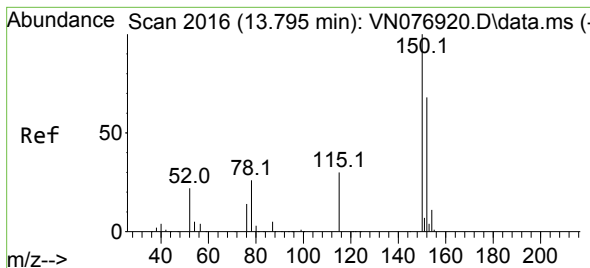
Tgt Ion:117 Resp: 439836
Ion Ratio Lower Upper
117 100
82 60.5 43.5 65.3
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 8.162 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076974.D
Acq: 13 Mar 2023 20:10

Tgt Ion:164 Resp: 29053
Ion Ratio Lower Upper
164 100
166 125.2 102.7 154.1
129 95.6 81.5 122.3
131 99.0 77.7 116.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076974.D

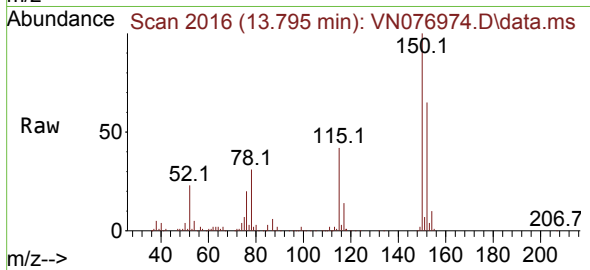
Acq: 13 Mar 2023 20:10

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20230310



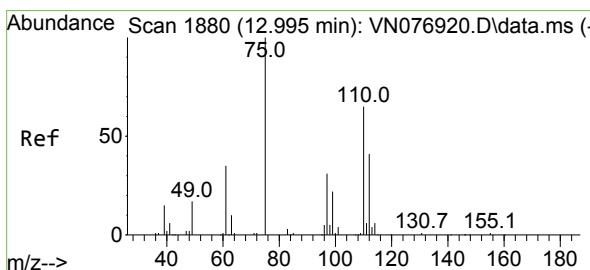
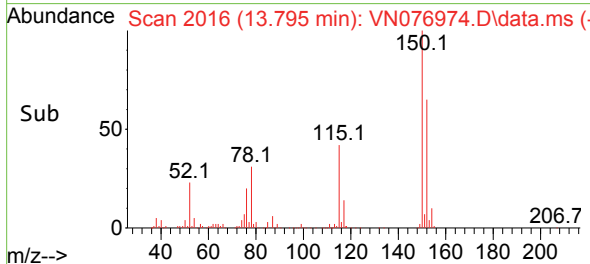
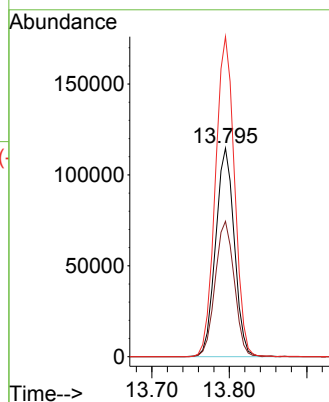
Tgt Ion:152 Resp: 191944

Ion Ratio Lower Upper

152 100

115 66.4 30.3 90.9

150 156.7 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 27.735 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. -0.147 min

Lab File: VN076974.D

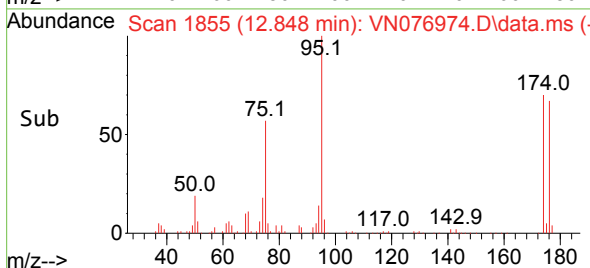
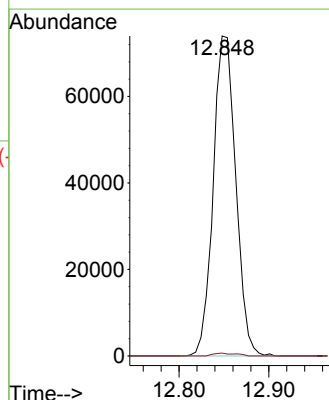
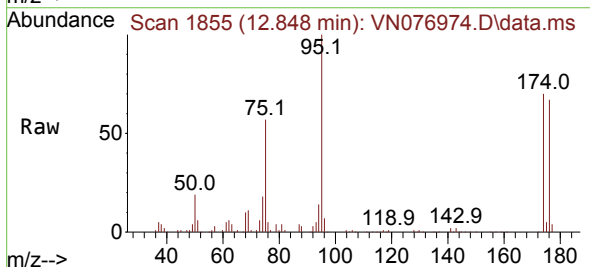
Acq: 13 Mar 2023 20:10

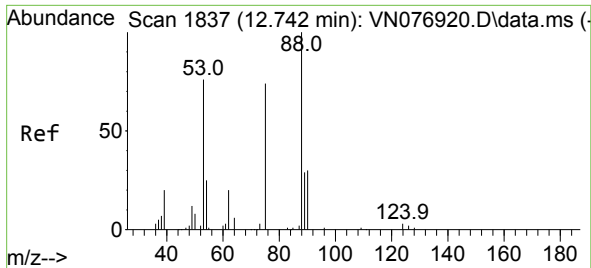
Tgt Ion: 75 Resp: 129066

Ion Ratio Lower Upper

75 100

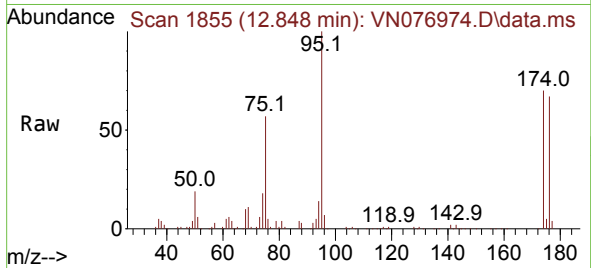
77 0.9 93.8 281.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.596 ug/l
 RT: 12.848 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN076974.D
 Acq: 13 Mar 2023 20:10

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20230310



Tgt Ion: 75 Resp: 129066
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.0 39.5 59.3#

