

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074136.D
 Acq On : 26 Aug 2022 15:18
 Operator : JC\MD
 Sample : N4280-12DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE122D1-20220818DL

Quant Time: Aug 27 00:20:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

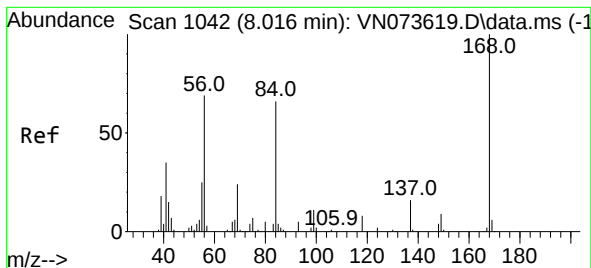
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	590976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	894045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	757417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	331585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	307736	53.463	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.920%	
35) Dibromofluoromethane	7.957	113	273478	51.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.440%	
50) Toluene-d8	10.380	98	1001658	48.916	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.840%	
62) 4-Bromofluorobenzene	12.674	95	313013	46.058	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.298	59	281	0.218	ug/l #	72
16) Acetone	4.234	43	2931	1.079	ug/l #	74
18) Methyl Acetate	4.787	43	3163	Below Cal	#	74
20) Methylene Chloride	5.022	84	3311	0.578	ug/l #	79
25) 2-Butanone	7.239	43	1050	0.244	ug/l #	45
26) 2,2-Dichloropropane	7.245	77	1737	0.203	ug/l #	53
31) Cyclohexane	8.016	56	9612	1.198	ug/l #	1
36) 1,1-Dichloropropene	8.016	75	39907	5.434	ug/l #	49
38) Carbon Tetrachloride	8.016	117	52616	6.268	ug/l #	17
43) Isopropyl Acetate	8.622	43	2854	0.225	ug/l #	53
44) Trichloroethene	9.151	130	151989	22.703	ug/l	99
49) 1,4-Dioxane	9.504	88	114	0.707	ug/l #	1
76) 1,2,3-Trichloropropane	12.674	75	154565	22.427	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	154565	63.786	ug/l #	11

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

Quant Time: Aug 27 00:20:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 06:44:47 2022
Response via : Initial Calibration

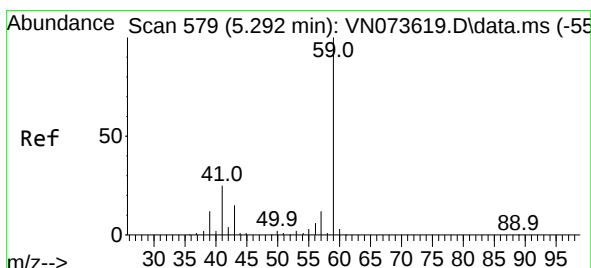
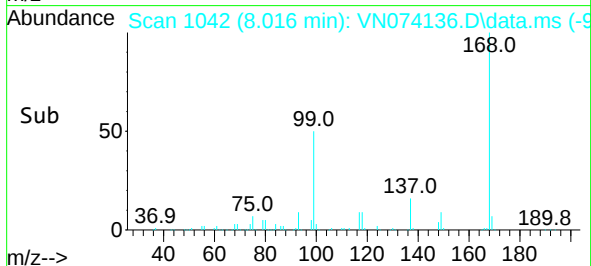
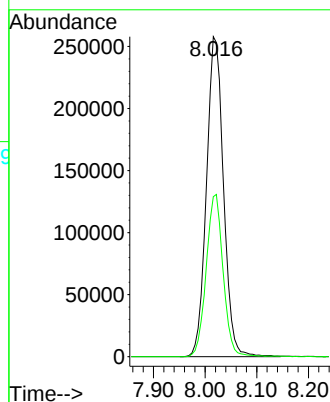
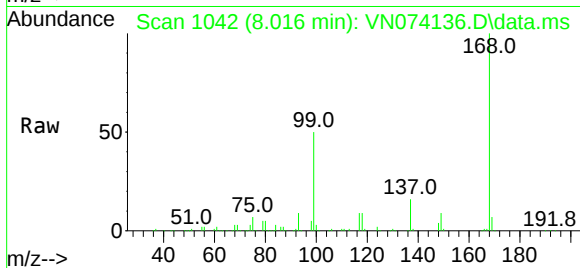




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

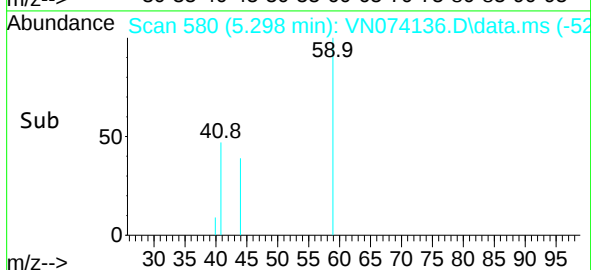
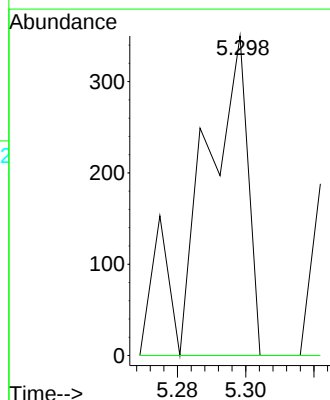
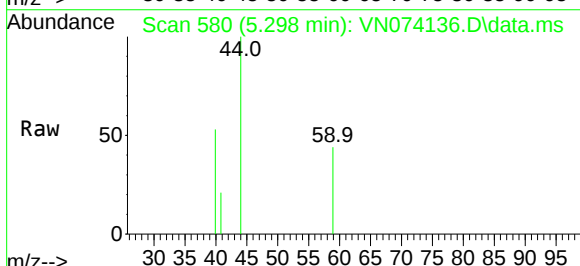
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20220818DL

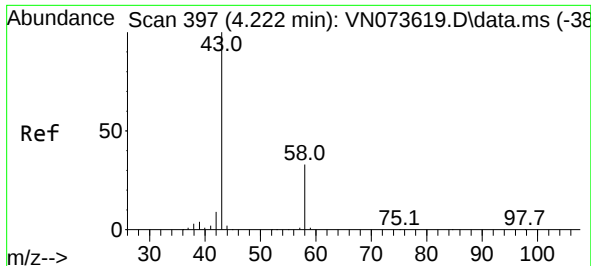
Tgt Ion:168 Resp: 590976
Ion Ratio Lower Upper
168 100
99 50.0 42.3 63.5



#11
Tert butyl alcohol
Concen: 0.218 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.006 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

Tgt Ion: 59 Resp: 281
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

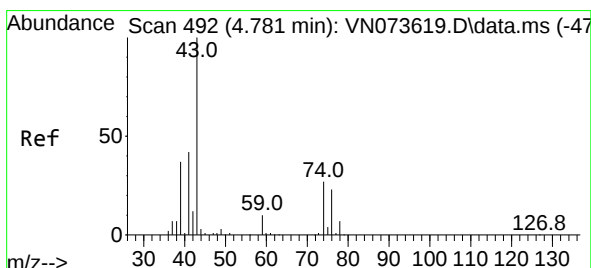
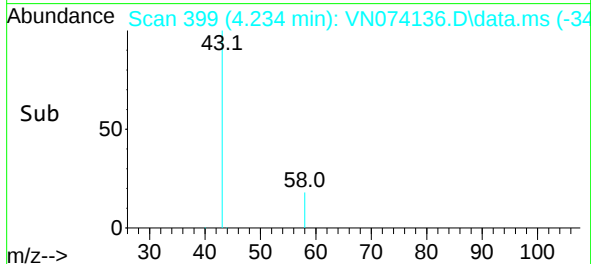
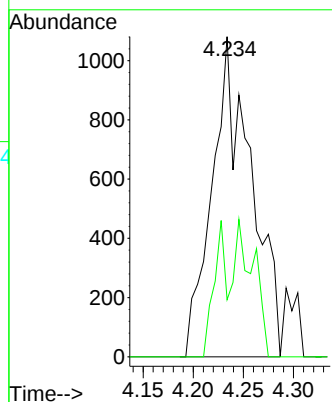
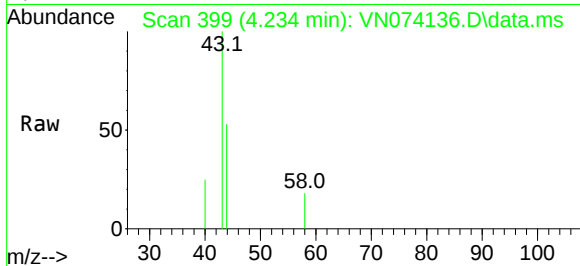




#16
Acetone
Concen: 1.079 ug/l
RT: 4.234 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

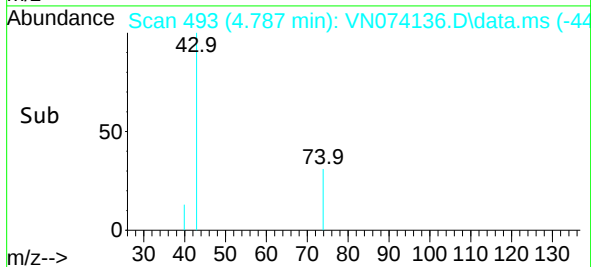
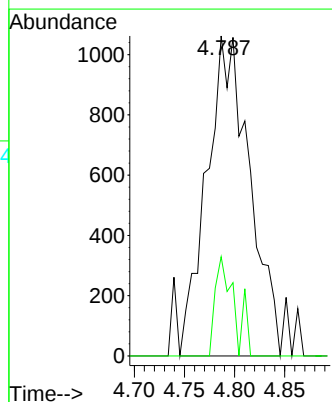
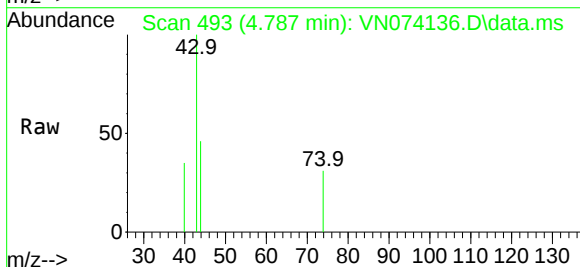
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ClientSampleId :
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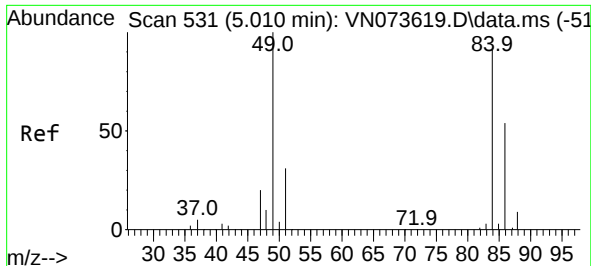
Tgt Ion: 43 Resp: 2931
Ion Ratio Lower Upper
43 100
58 17.9 26.0 39.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

Tgt Ion: 43 Resp: 3163
Ion Ratio Lower Upper
43 100
74 13.8 21.6 32.4#

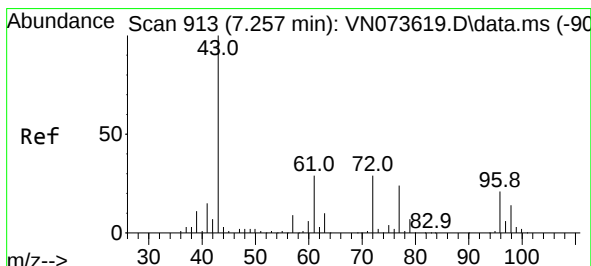
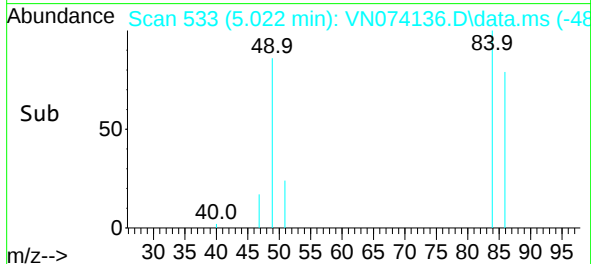
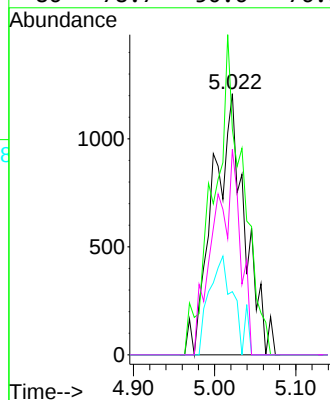
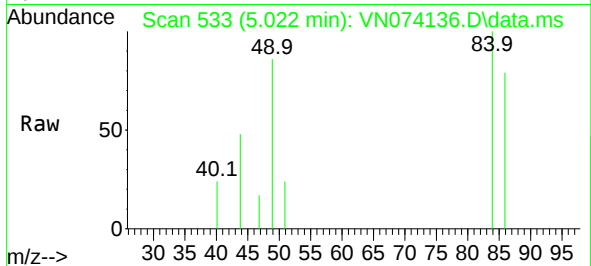




#20
Methylene Chloride
Concen: 0.578 ug/l
RT: 5.022 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

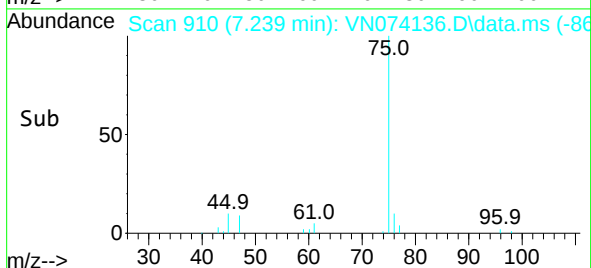
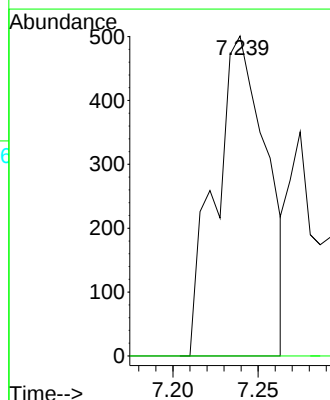
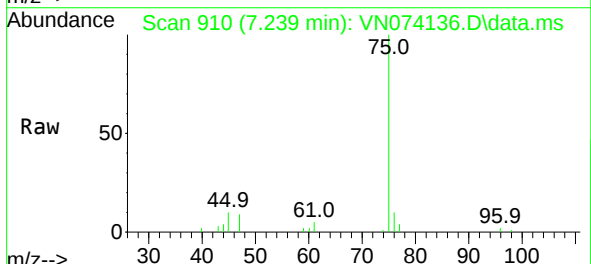
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20220818DL

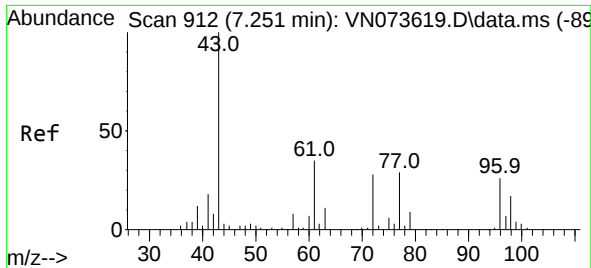
Tgt Ion: 84 Resp: 3311
Ion Ratio Lower Upper
84 100
49 86.4 88.3 132.5#
51 24.2 28.2 42.2#
86 78.7 50.6 76.0#



#25
2-Butanone
Concen: 0.244 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.018 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#

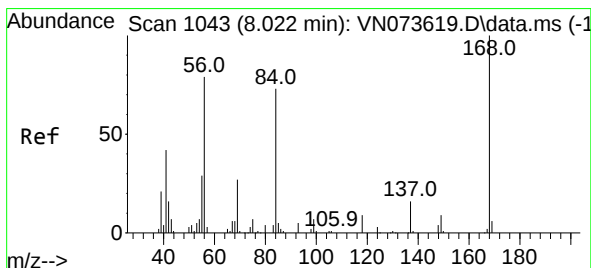
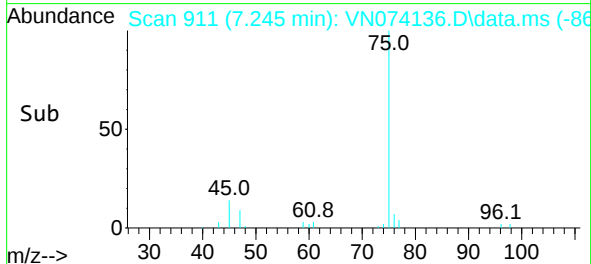
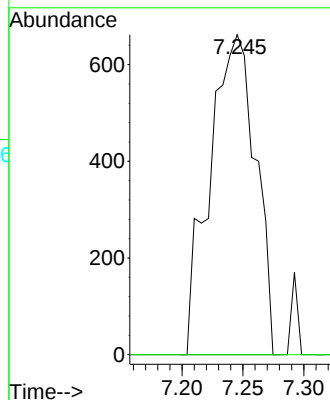
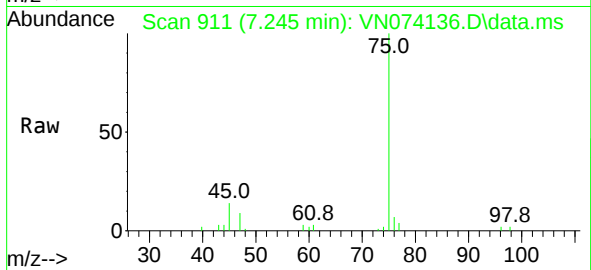




#26
2,2-Dichloropropane
Concen: 0.203 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

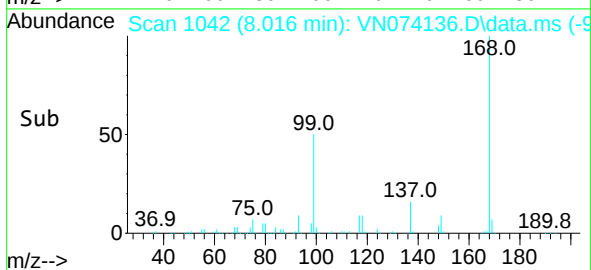
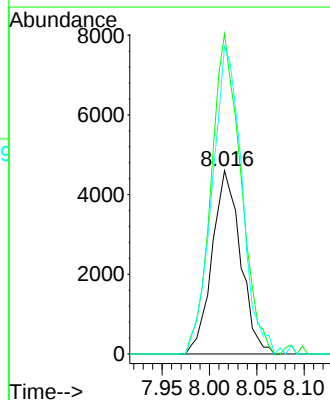
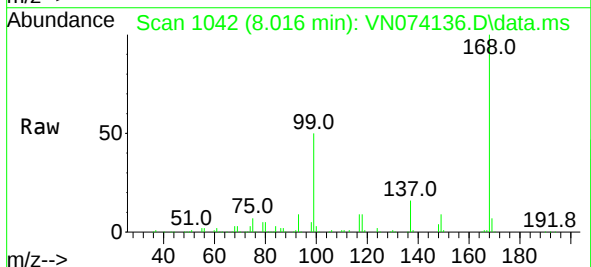
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20220818DL

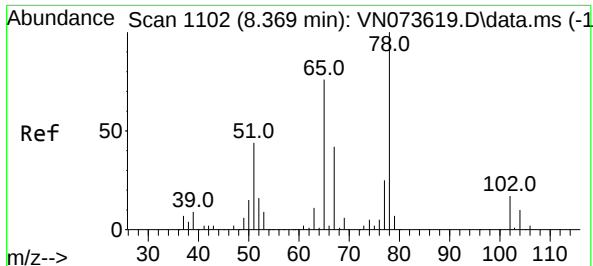
Tgt Ion: 77 Resp: 1737
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 1.198 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

Tgt Ion: 56 Resp: 9612
Ion Ratio Lower Upper
56 100
69 174.6 27.8 41.8#
84 167.8 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 53.463 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074136.D

Acq: 26 Aug 2022 15:18

Instrument :

MSVOA_N

ClientSampleId :

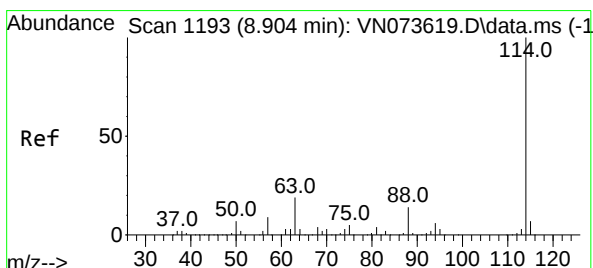
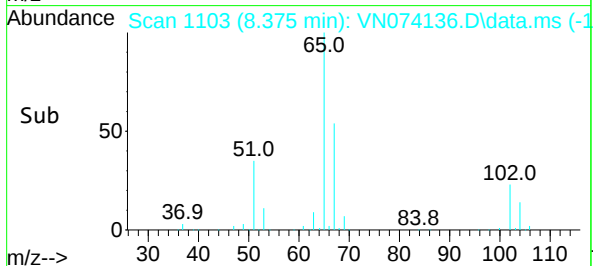
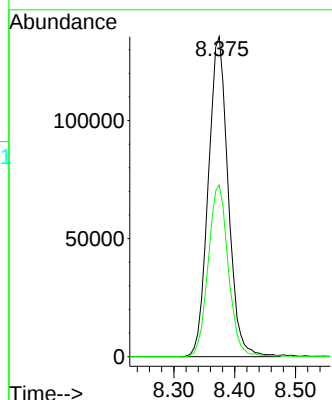
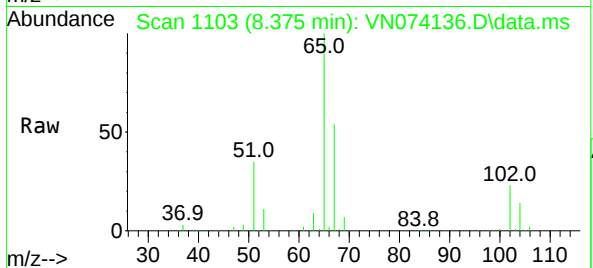
RE122D1-20220818DL

Tgt Ion: 65 Resp: 307736

Ion Ratio Lower Upper

65 100

67 54.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074136.D

Acq: 26 Aug 2022 15:18

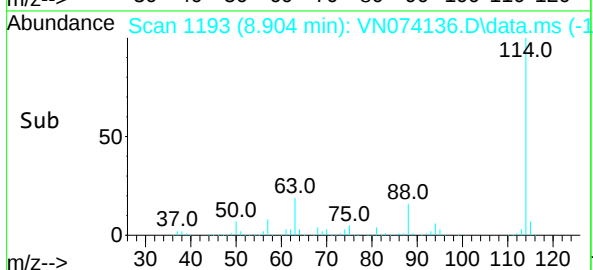
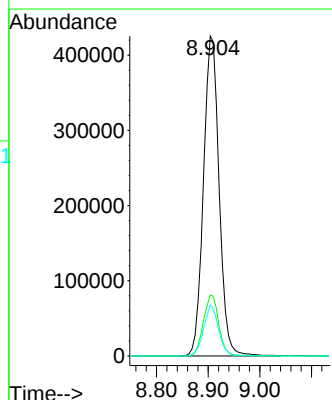
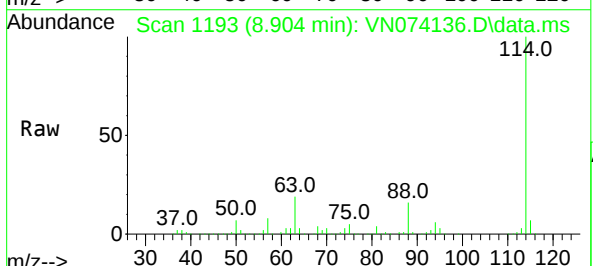
Tgt Ion: 114 Resp: 894045

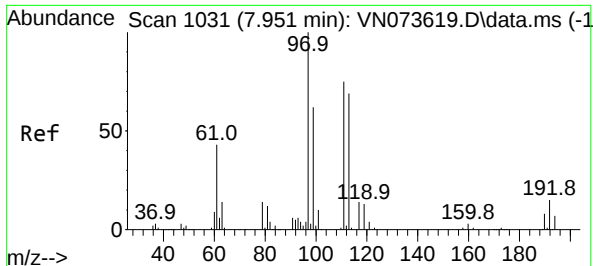
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 15.9 0.0 32.6

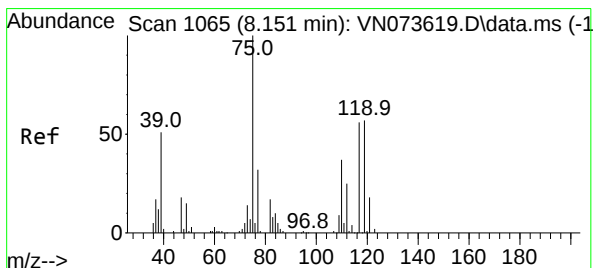
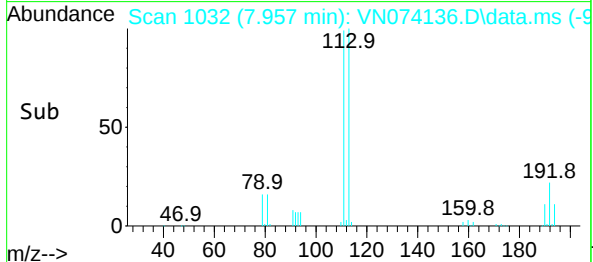
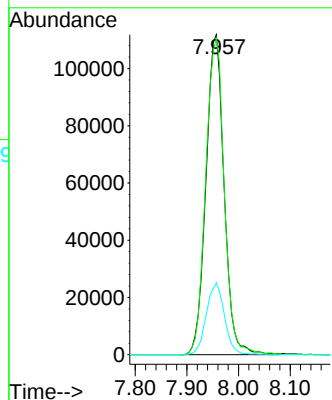
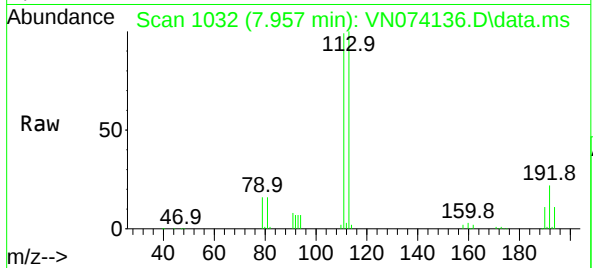




#35
Dibromofluoromethane
Concen: 51.724 ug/l
RT: 7.957 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

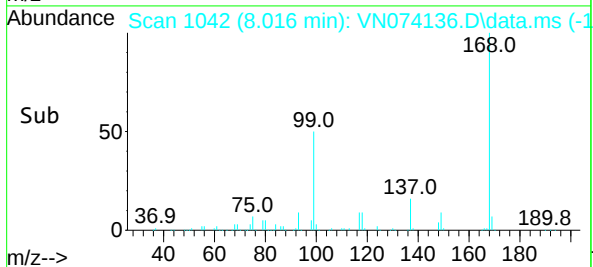
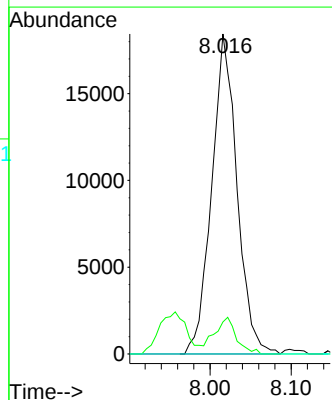
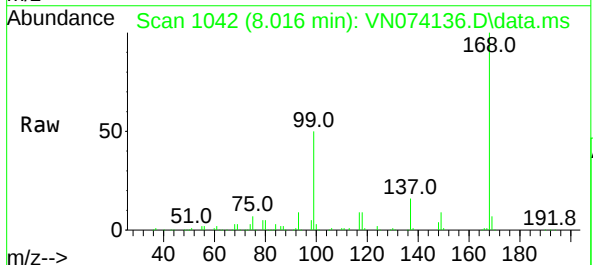
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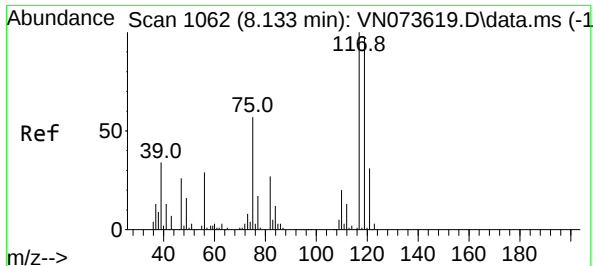
Tgt Ion:113 Resp: 273478
Ion Ratio Lower Upper
113 100
111 100.8 81.4 122.0
192 22.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.434 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

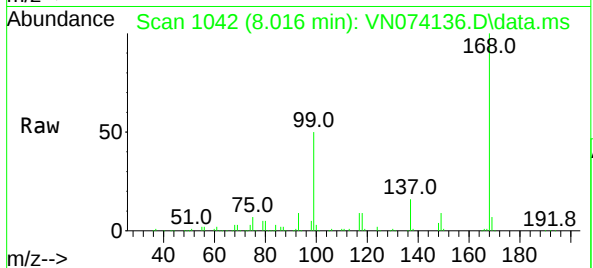
Tgt Ion: 75 Resp: 39907
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 25.1 37.7#



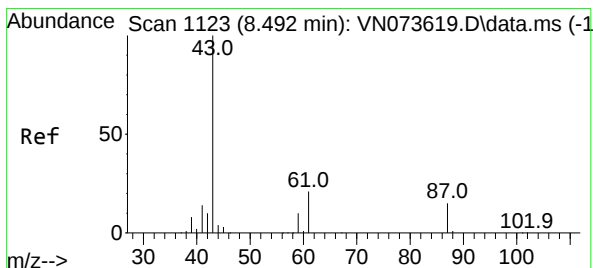
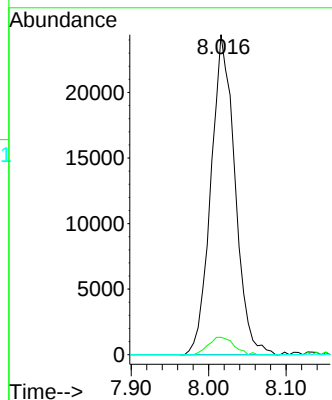
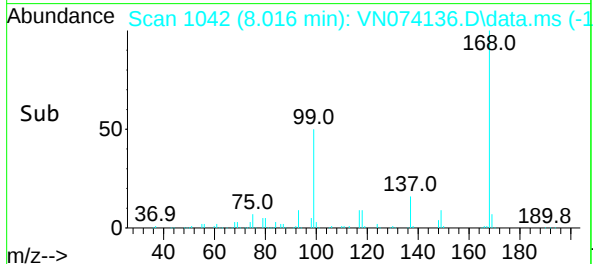


#38
Carbon Tetrachloride
Concen: 6.268 ug/l
RT: 8.016 min Scan# 1145
Delta R.T. -0.117 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20220818DL

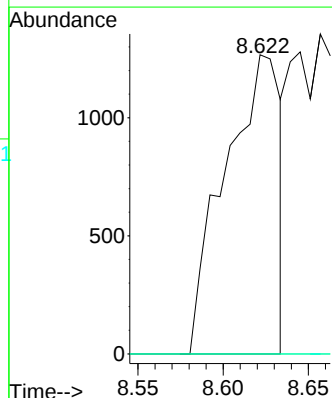
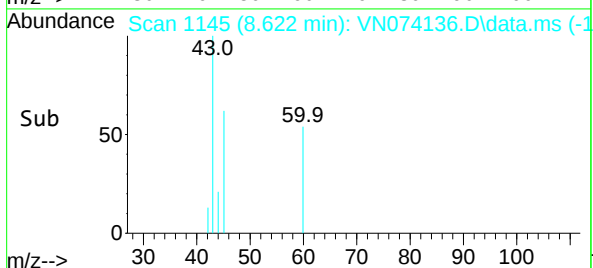
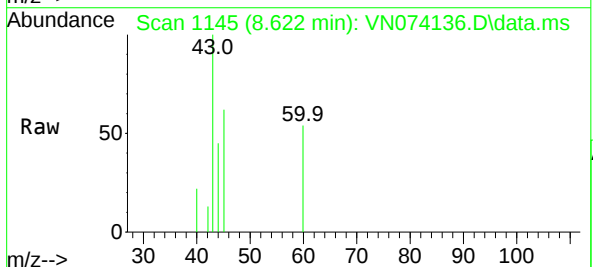


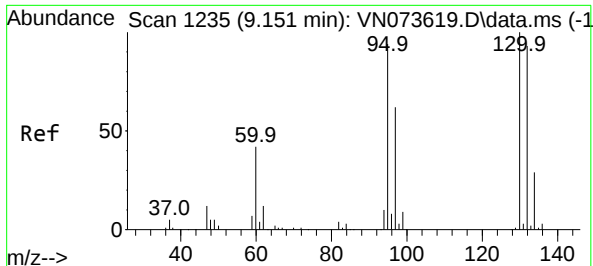
Tgt Ion:117 Resp: 52616
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.225 ug/l
RT: 8.622 min Scan# 1145
Delta R.T. 0.130 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

Tgt Ion: 43 Resp: 2854
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

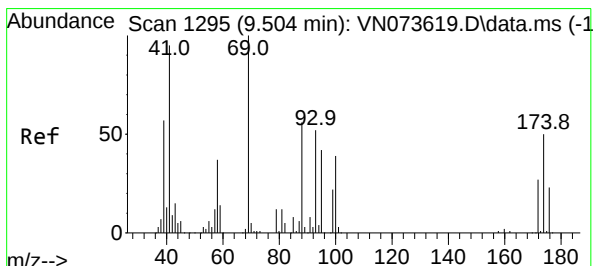
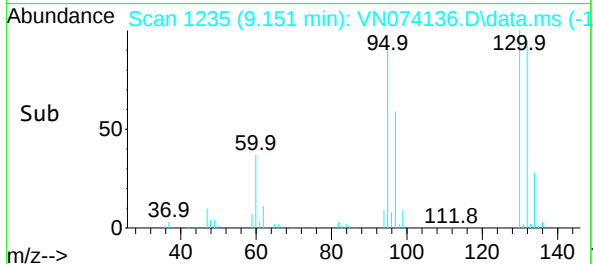
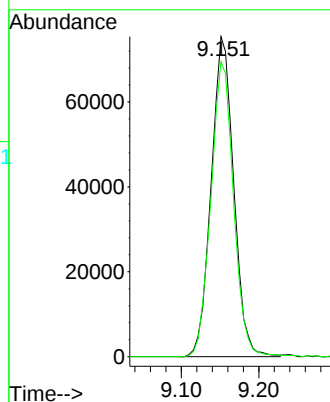
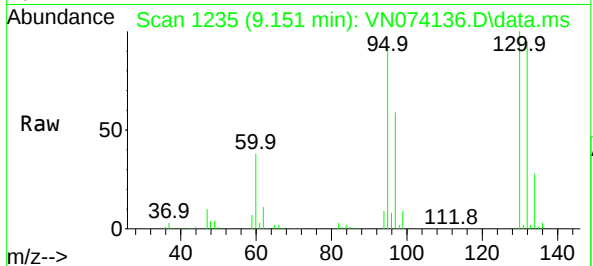




#44
Trichloroethene
Concen: 22.703 ug/l
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

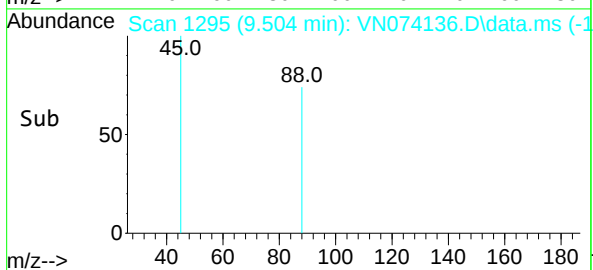
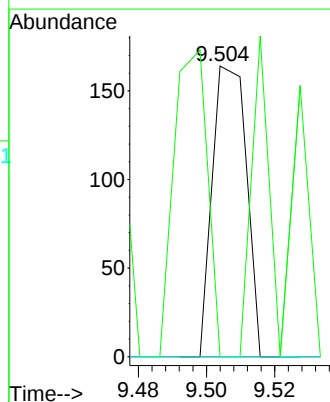
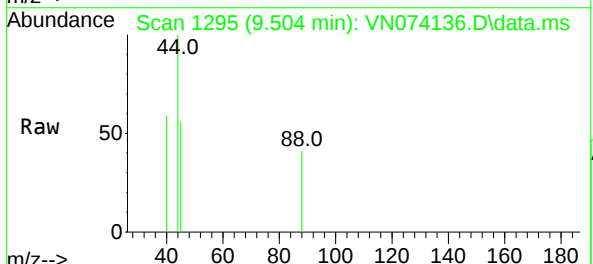
Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20220818DL

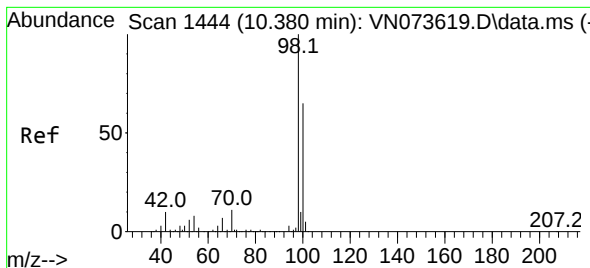
Tgt Ion:130 Resp: 151989
Ion Ratio Lower Upper
130 100
95 92.1 0.0 186.8



#49
1,4-Dioxane
Concen: 0.707 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

Tgt Ion: 88 Resp: 114
Ion Ratio Lower Upper
88 100
43 103.5 20.2 30.4#
58 0.0 54.2 81.4#





#50

Toluene-d8

Concen: 48.916 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074136.D

Acq: 26 Aug 2022 15:18

Instrument :

MSVOA_N

ClientSampleId :

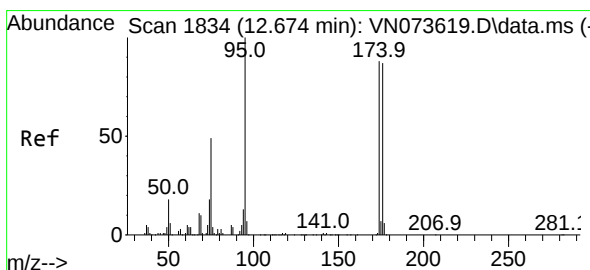
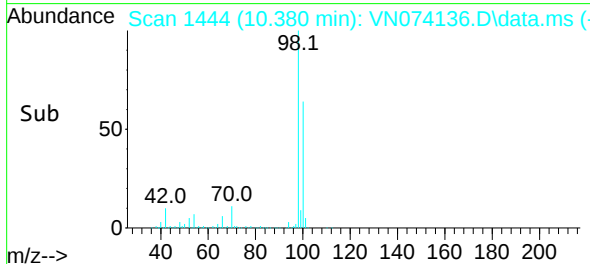
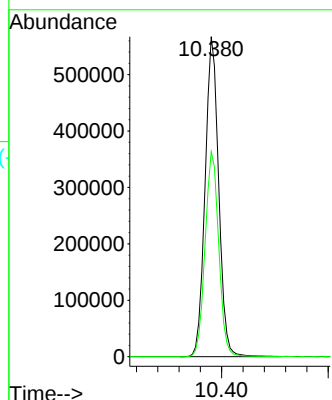
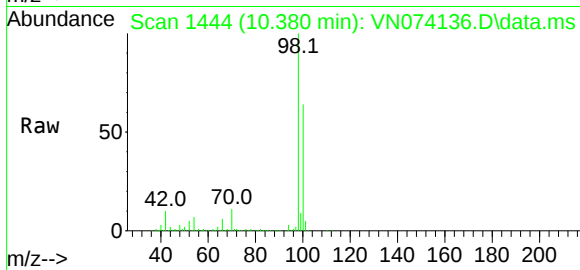
RE122D1-20220818DL

Tgt Ion: 98 Resp: 1001658

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 46.058 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.000 min

Lab File: VN074136.D

Acq: 26 Aug 2022 15:18

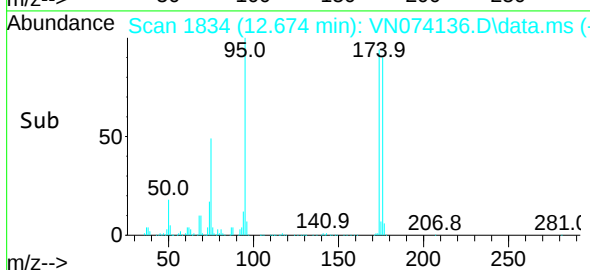
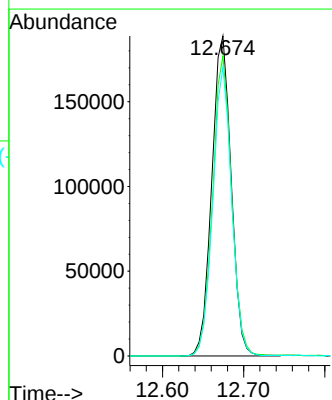
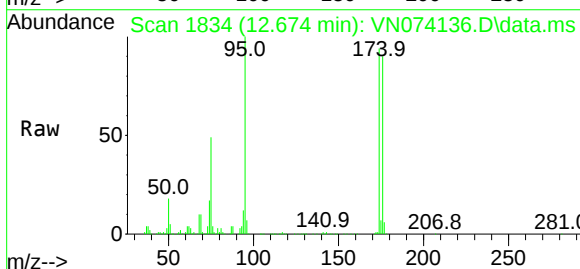
Tgt Ion: 95 Resp: 313013

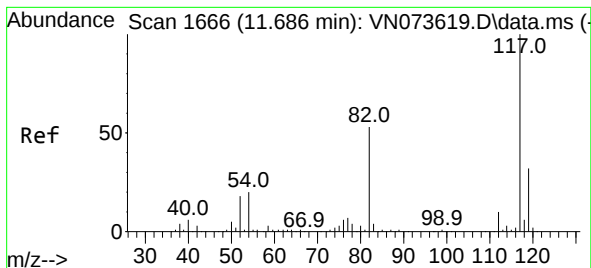
Ion Ratio Lower Upper

95 100

174 92.0 0.0 167.6

176 87.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074136.D

Acq: 26 Aug 2022 15:18

Instrument :

MSVOA_N

ClientSampleId :

RE122D1-20220818DL

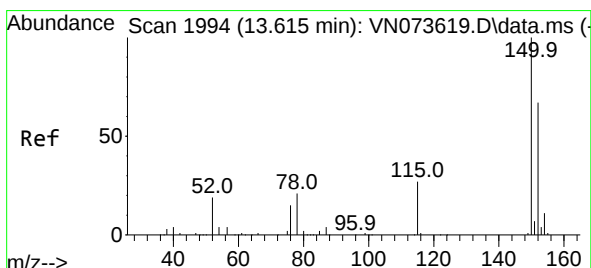
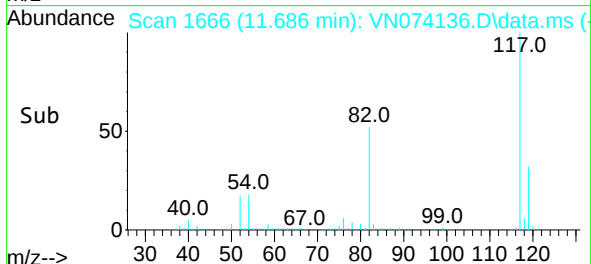
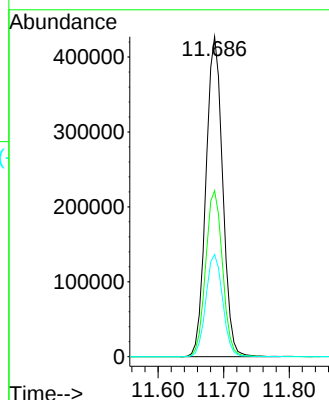
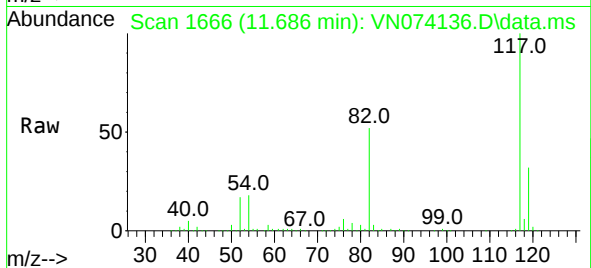
Tgt Ion:117 Resp: 757417

Ion Ratio Lower Upper

117 100

82 51.8 44.2 66.2

119 31.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN074136.D

Acq: 26 Aug 2022 15:18

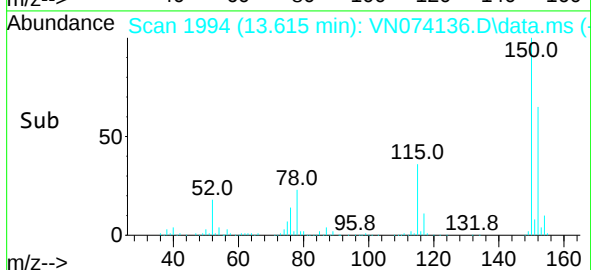
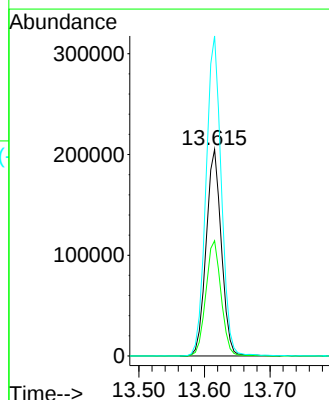
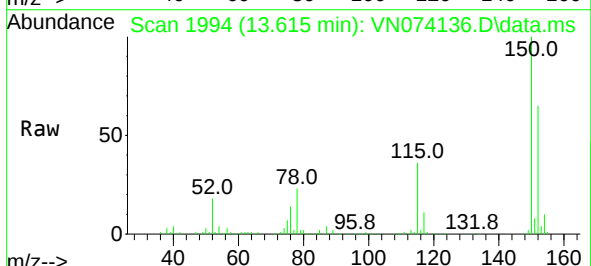
Tgt Ion:152 Resp: 331585

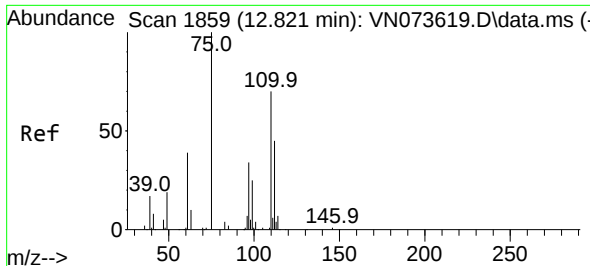
Ion Ratio Lower Upper

152 100

115 55.8 28.9 86.7

150 155.9 0.0 356.2

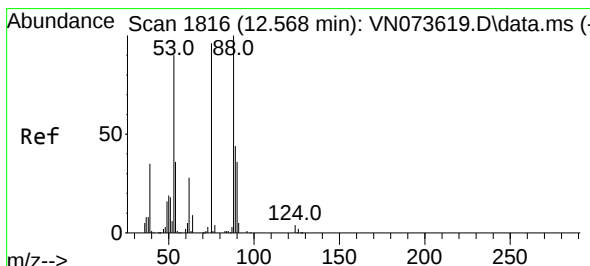
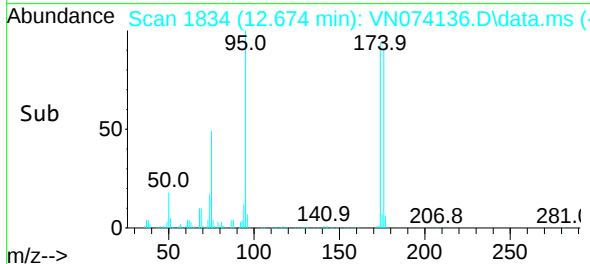
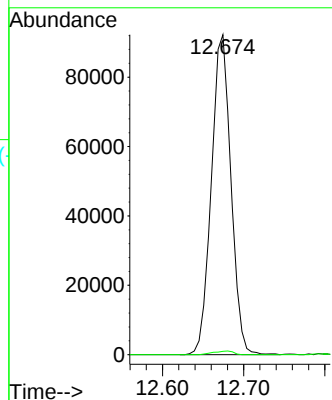
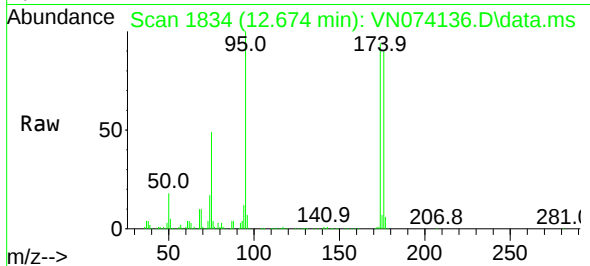




#76
1,2,3-Trichloropropane
Concen: 22.427 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

Instrument :
MSVOA_N
ClientSampleId :
RE122D1-20220818DL

Tgt Ion: 75 Resp: 154565
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.786 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074136.D
Acq: 26 Aug 2022 15:18

Tgt Ion: 75 Resp: 154565
Ion Ratio Lower Upper
75 100
53 0.2 78.0 117.0#
89 0.0 37.2 55.8#

