

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021423\
 Data File : VN076673.D
 Acq On : 14 Feb 2023 20:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 15 03:18:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

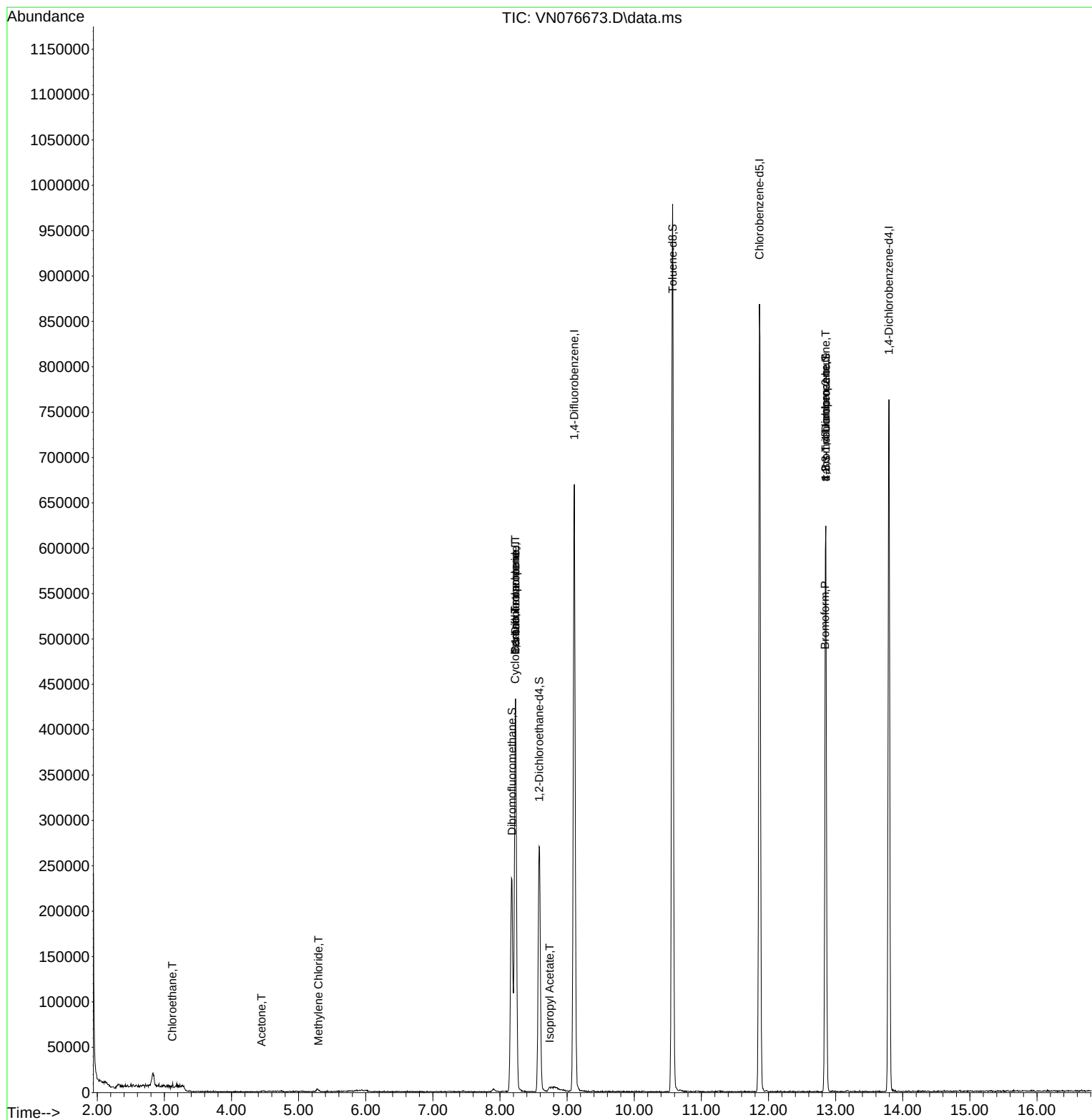
Internal Standards						
1) Pentafluorobenzene	8.231	168	305608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	546665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	479426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	190392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	218854	51.861	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.720%	
35) Dibromofluoromethane	8.178	113	164527	45.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.920%	
50) Toluene-d8	10.572	98	664969	49.737	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.480%	
62) 4-Bromofluorobenzene	12.854	95	201467	45.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.000%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.119	64	550	0.209	ug/l #	44
16) Acetone	4.448	43	856	0.454	ug/l #	42
20) Methylene Chloride	5.295	84	932	0.236	ug/l	90
31) Cyclohexane	8.225	56	8429	1.273	ug/l #	46
36) 1,1-Dichloropropene	8.231	75	27371	5.292	ug/l #	49
38) Carbon Tetrachloride	8.231	117	32510	6.230	ug/l #	16
43) Isopropyl Acetate	8.742	43	3573	0.403	ug/l #	56
71) Bromoform	12.842	173	2242	0.828	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	110598	28.733	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	110598	83.686	ug/l #	4

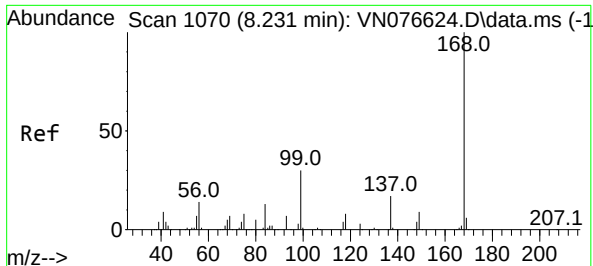
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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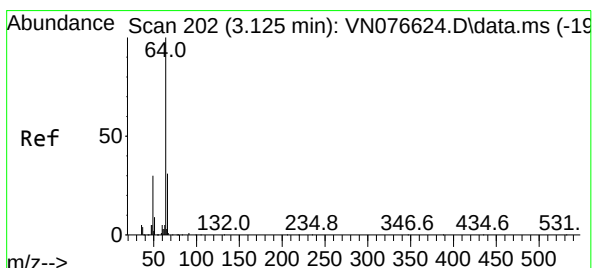
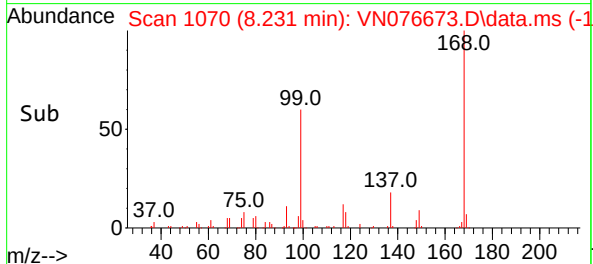
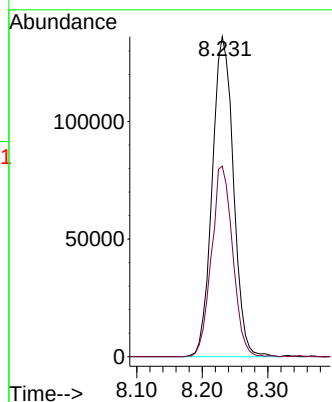
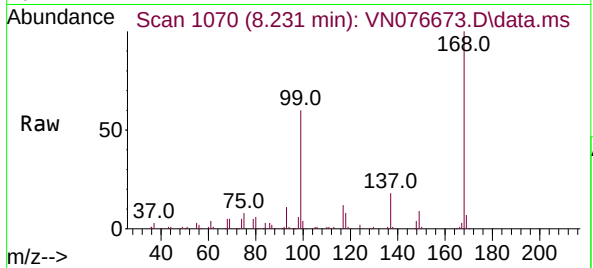




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076673.D
Acq: 14 Feb 2023 20:12

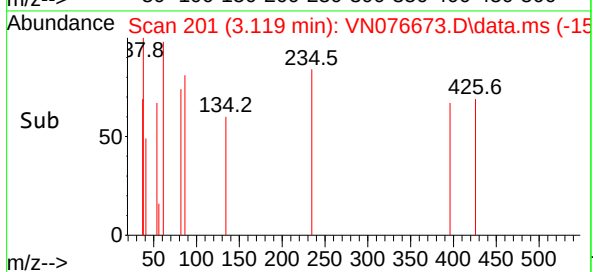
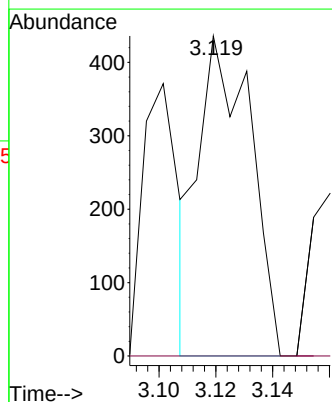
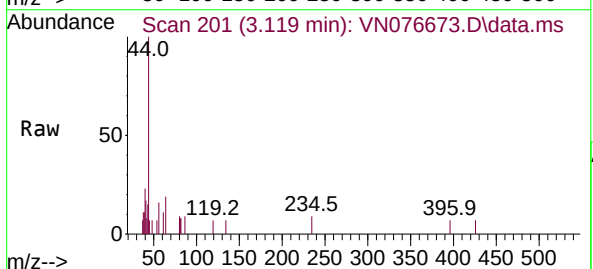
Instrument :
MSVOA_N
ClientSampleId :
IBLK

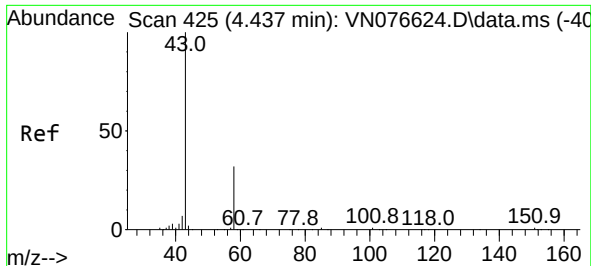
Tgt Ion:168 Resp: 305608
Ion Ratio Lower Upper
168 100
99 59.5 44.8 67.2



#6
Chloroethane
Concen: 0.209 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN076673.D
Acq: 14 Feb 2023 20:12

Tgt Ion: 64 Resp: 550
Ion Ratio Lower Upper
64 100
66 0.0 24.6 37.0#





#16

Acetone

Concen: 0.454 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.011 min

Lab File: VN076673.D

Acq: 14 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

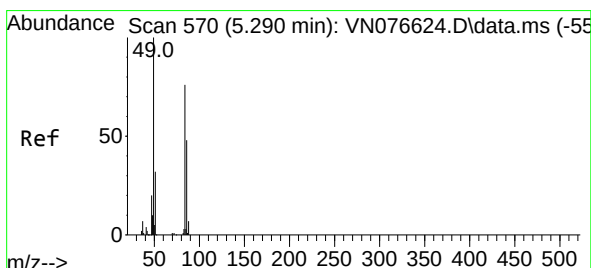
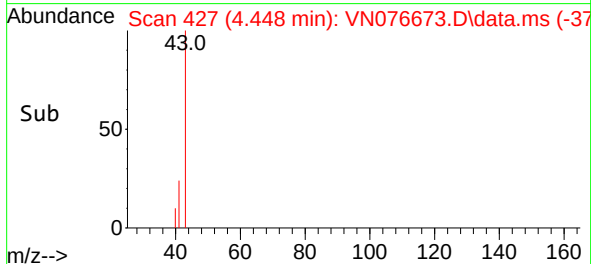
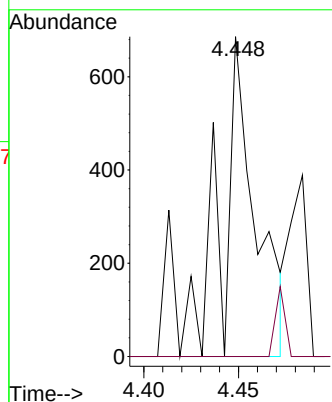
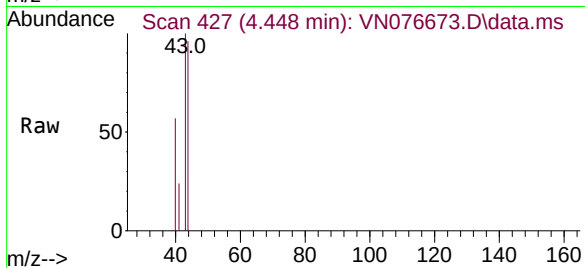
IBLK

Tgt Ion: 43 Resp: 856

Ion Ratio Lower Upper

43 100

58 0.0 25.9 38.9#



#20

Methylene Chloride

Concen: 0.236 ug/l

RT: 5.295 min Scan# 571

Delta R.T. 0.005 min

Lab File: VN076673.D

Acq: 14 Feb 2023 20:12

Tgt Ion: 84 Resp: 932

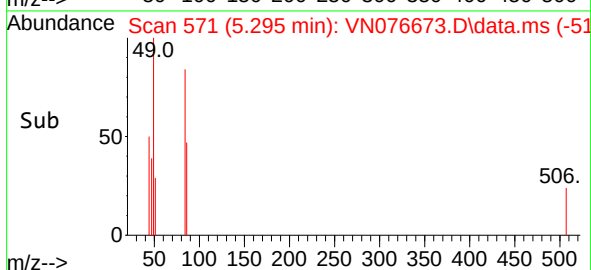
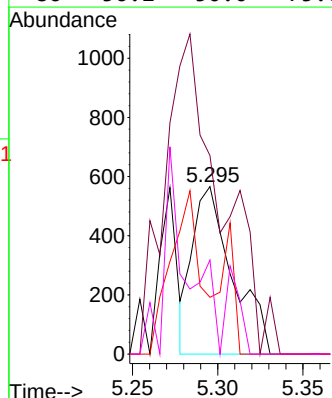
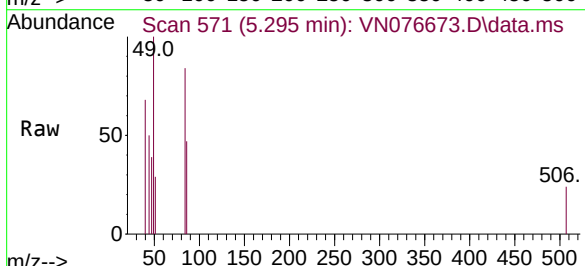
Ion Ratio Lower Upper

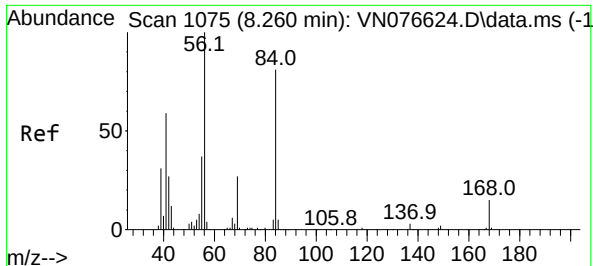
84 100

49 118.6 104.9 157.3

51 33.9 33.8 50.8

86 56.2 50.0 75.0

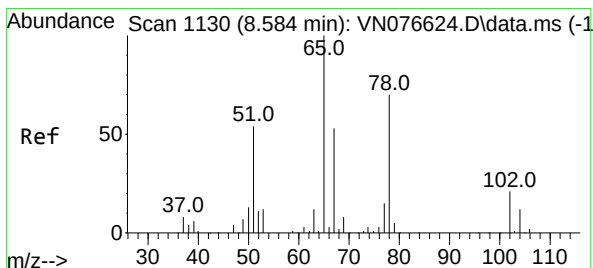
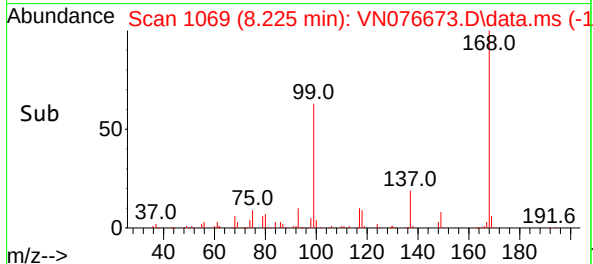
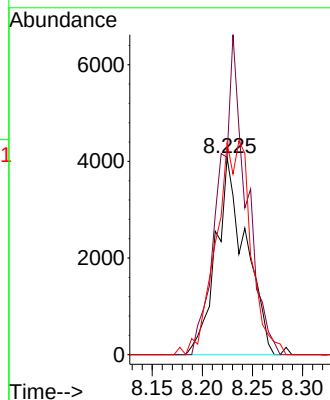
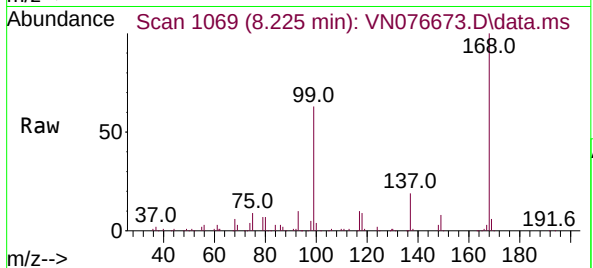




#31
Cyclohexane
Concen: 1.273 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN076673.D
Acq: 14 Feb 2023 20:12

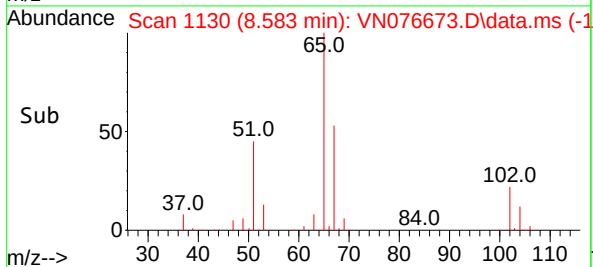
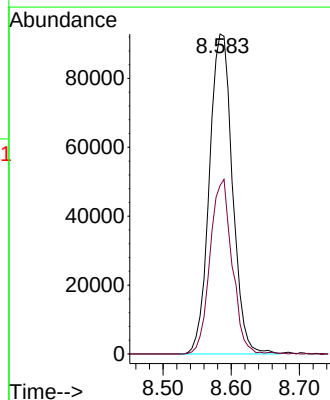
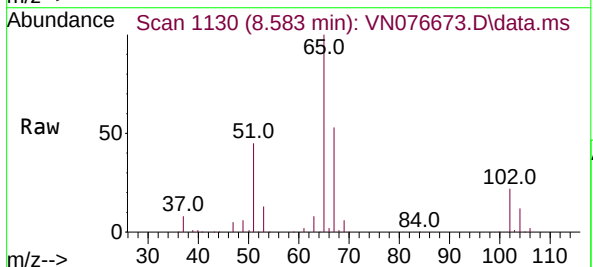
Instrument :
MSVOA_N
ClientSampleId :
IBLK

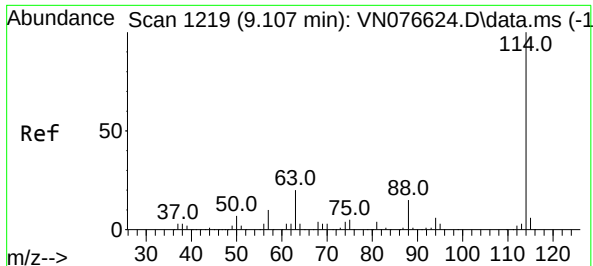
Tgt Ion: 56 Resp: 8429
Ion Ratio Lower Upper
56 100
69 100.1 21.6 32.4#
84 103.7 65.1 97.7#



#33
1,2-Dichloroethane-d4
Concen: 51.861 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076673.D
Acq: 14 Feb 2023 20:12

Tgt Ion: 65 Resp: 218854
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076673.D

Acq: 14 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

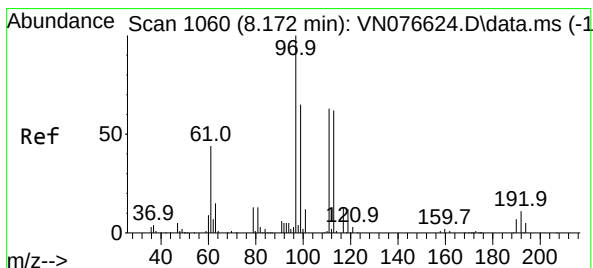
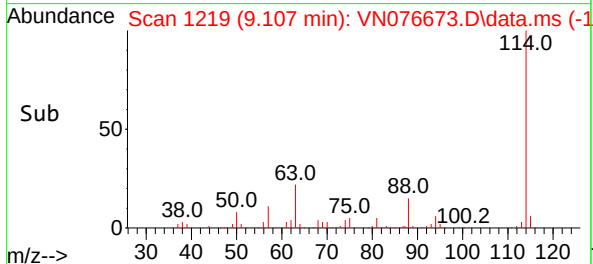
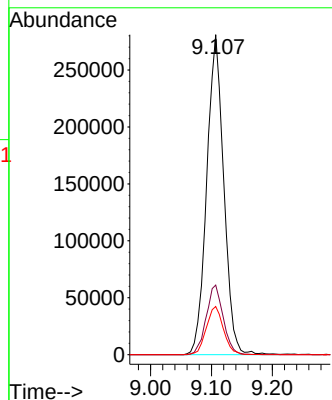
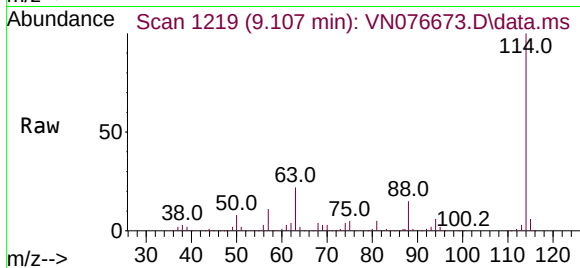
Tgt Ion:114 Resp: 546665

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 15.1 0.0 29.6



#35

Dibromofluoromethane

Concen: 45.957 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076673.D

Acq: 14 Feb 2023 20:12

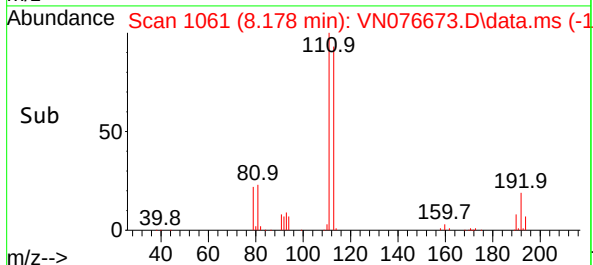
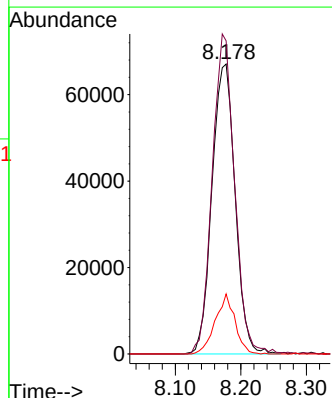
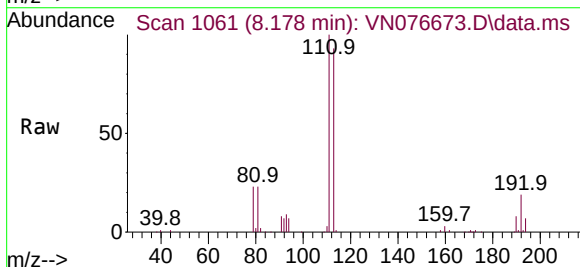
Tgt Ion:113 Resp: 164527

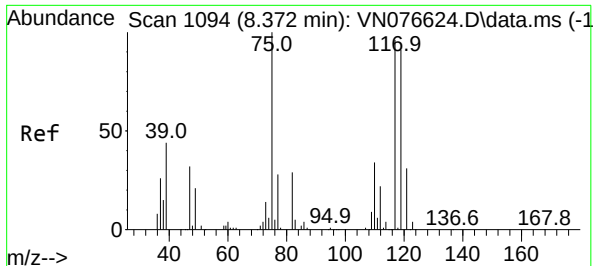
Ion Ratio Lower Upper

113 100

111 106.5 83.1 124.7

192 17.6 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.292 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.141 min

Lab File: VN076673.D

Acq: 14 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

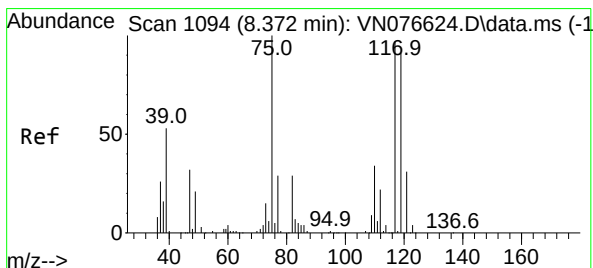
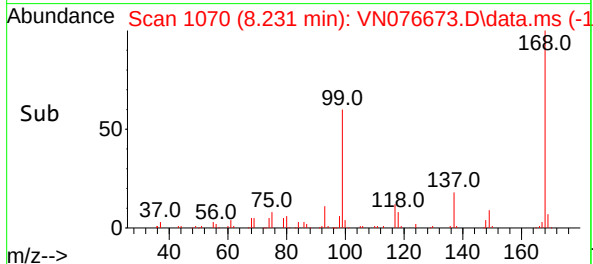
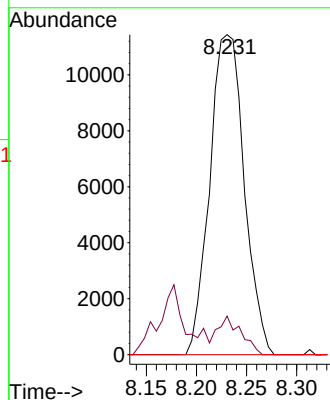
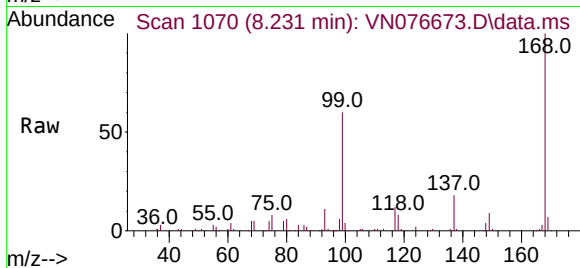
Tgt Ion: 75 Resp: 27371

Ion Ratio Lower Upper

75 100

110 8.2 17.5 52.5#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.230 ug/l

RT: 8.231 min Scan# 1070

Delta R.T. -0.141 min

Lab File: VN076673.D

Acq: 14 Feb 2023 20:12

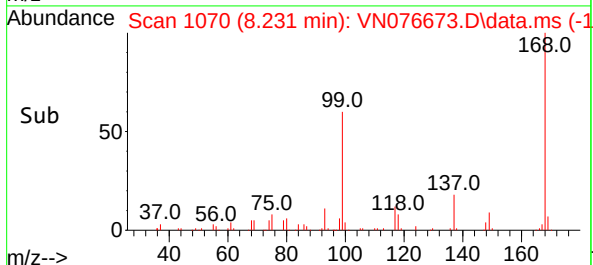
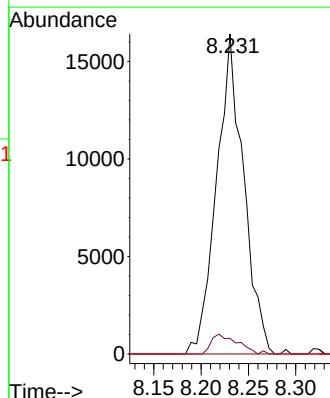
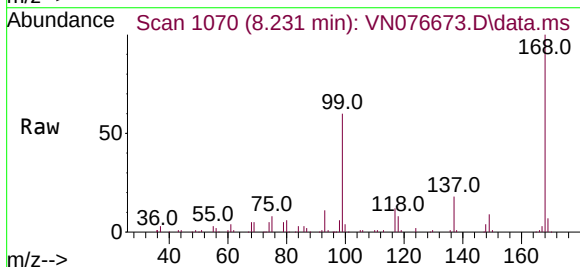
Tgt Ion: 117 Resp: 32510

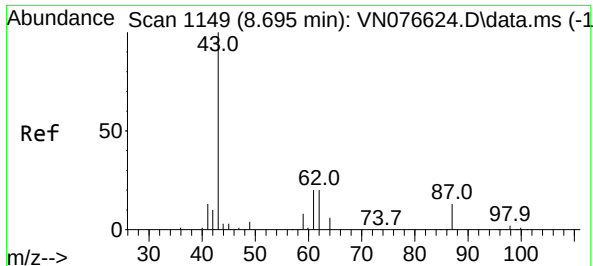
Ion Ratio Lower Upper

117 100

119 4.9 75.4 113.0#

121 0.0 26.0 39.0#





#43

Isopropyl Acetate

Concen: 0.403 ug/l

RT: 8.742 min Scan# 1149

Delta R.T. 0.047 min

Lab File: VN076673.D

Acq: 14 Feb 2023 20:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

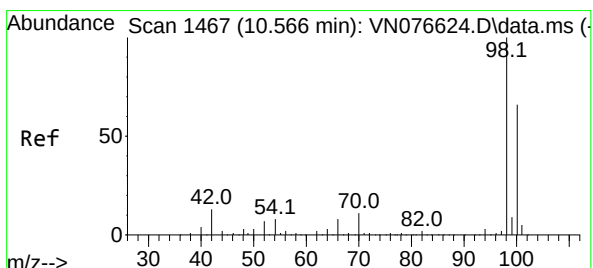
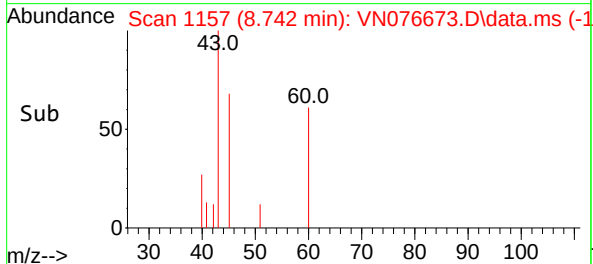
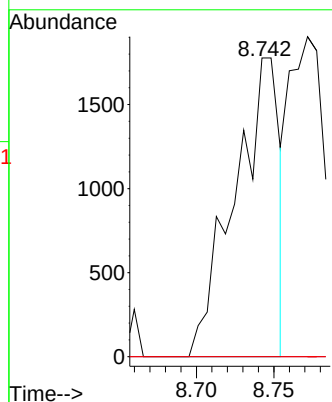
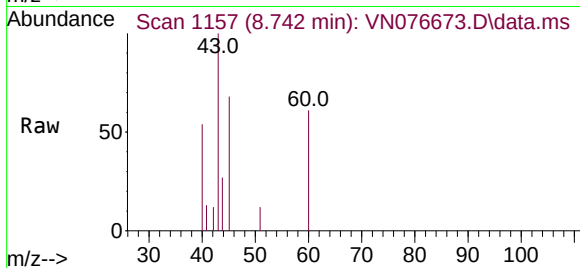
Tgt Ion: 43 Resp: 3573

Ion Ratio Lower Upper

43 100

61 0.0 20.0 30.0#

87 0.0 9.9 14.9#



#50

Toluene-d8

Concen: 49.737 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076673.D

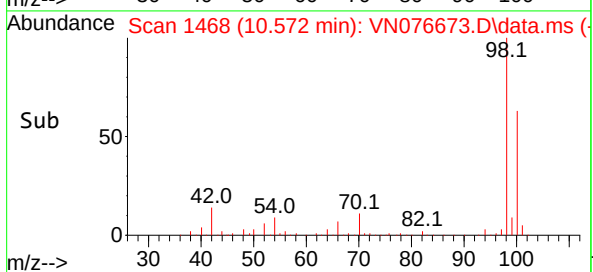
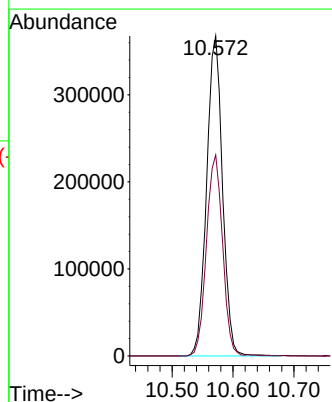
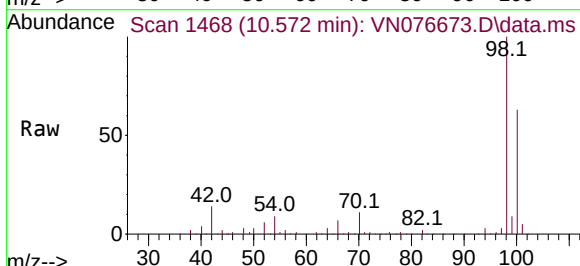
Acq: 14 Feb 2023 20:12

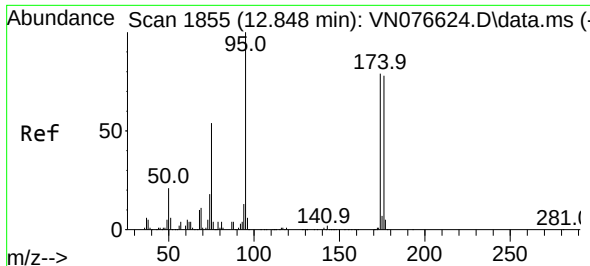
Tgt Ion: 98 Resp: 664969

Ion Ratio Lower Upper

98 100

100 63.7 52.9 79.3

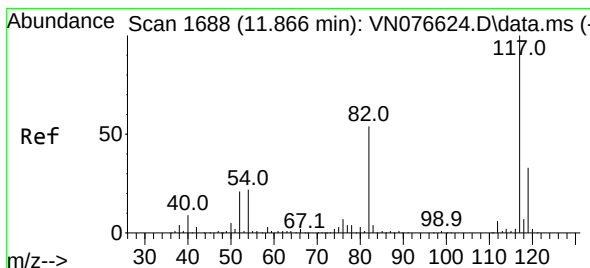
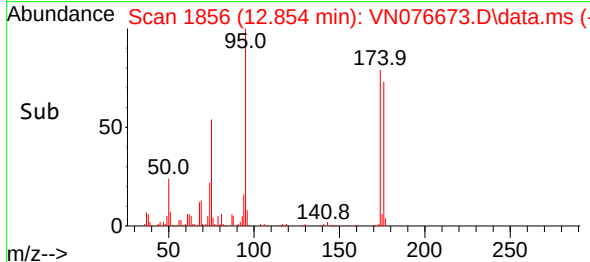
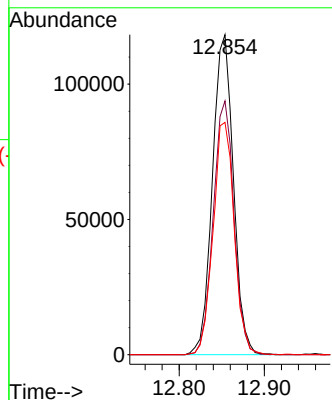
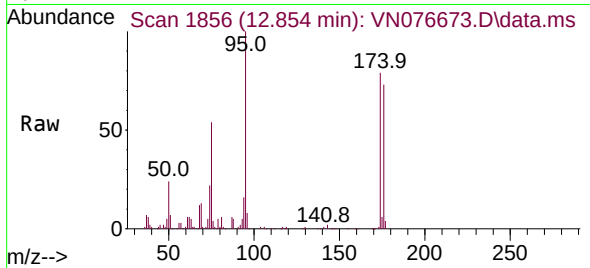




#62
4-Bromofluorobenzene
Concen: 45.497 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN076673.D
Acq: 14 Feb 2023 20:12

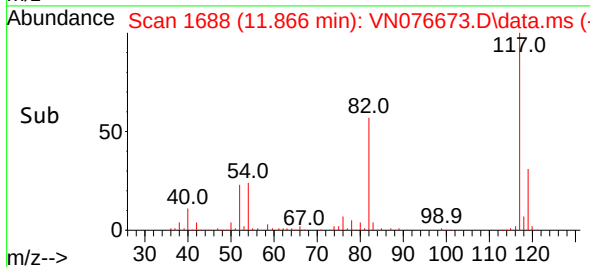
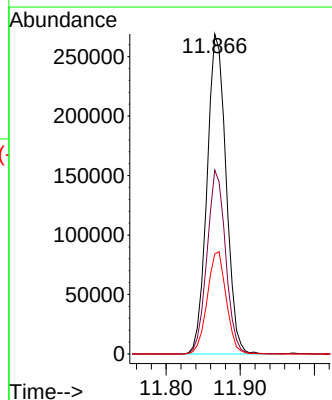
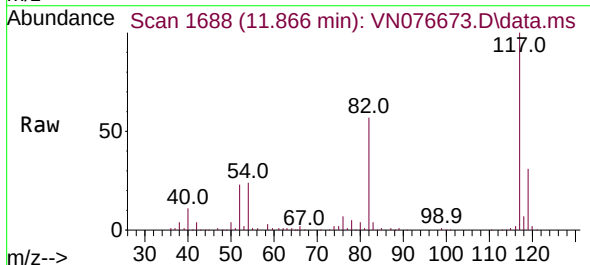
Instrument :
MSVOA_N
ClientSampleId :
IBLK

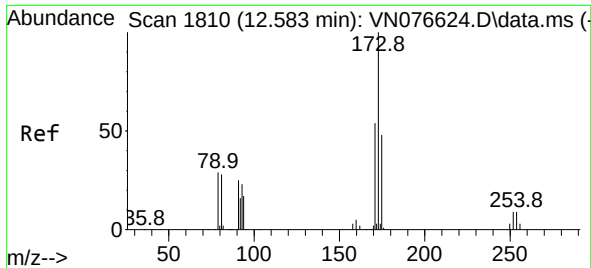
Tgt Ion: 95 Resp: 201467
Ion Ratio Lower Upper
95 100
174 78.5 0.0 169.2
176 73.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076673.D
Acq: 14 Feb 2023 20:12

Tgt Ion: 117 Resp: 479426
Ion Ratio Lower Upper
117 100
82 57.4 43.4 65.2
119 31.3 26.1 39.1

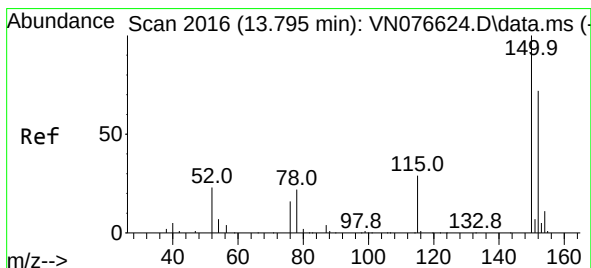
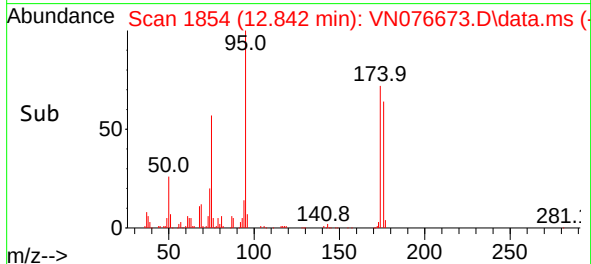
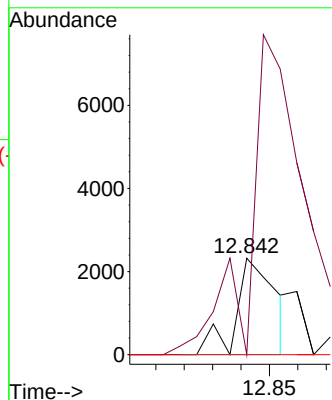
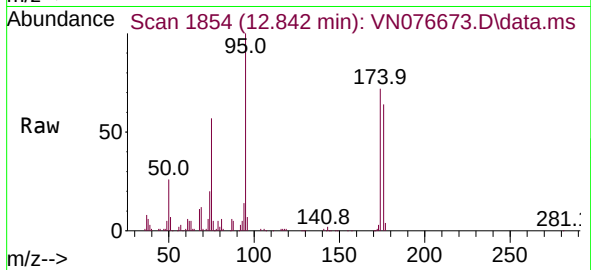




#71
Bromoform
Concen: 0.828 ug/l
RT: 12.842 min Scan# 1810
Delta R.T. 0.259 min
Lab File: VN076673.D
Acq: 14 Feb 2023 20:12

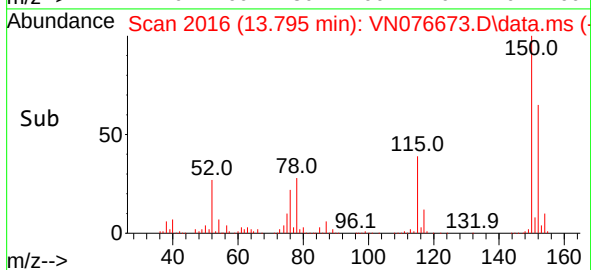
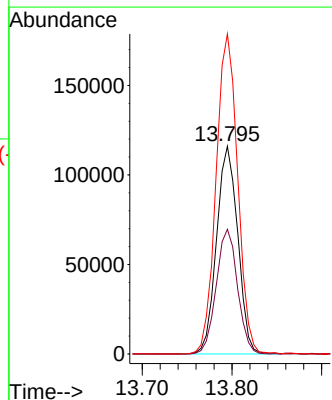
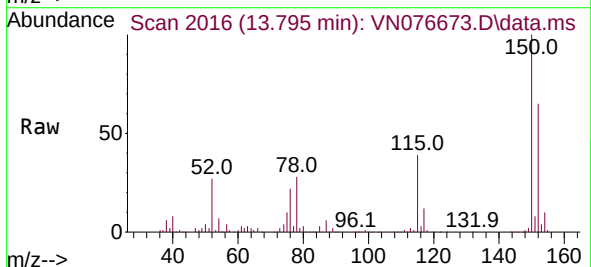
Instrument :
MSVOA_N
ClientSampleId :
IBLK

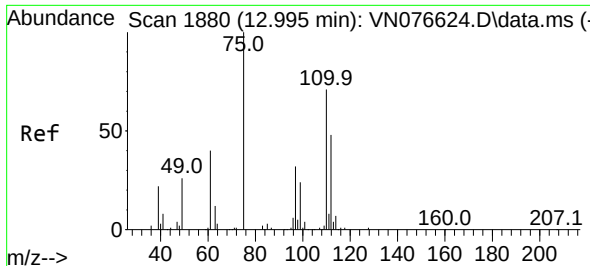
Tgt Ion:173 Resp: 2242
Ion Ratio Lower Upper
173 100
175 364.9 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076673.D
Acq: 14 Feb 2023 20:12

Tgt Ion:152 Resp: 190392
Ion Ratio Lower Upper
152 100
115 60.2 29.3 87.9
150 156.7 0.0 349.8

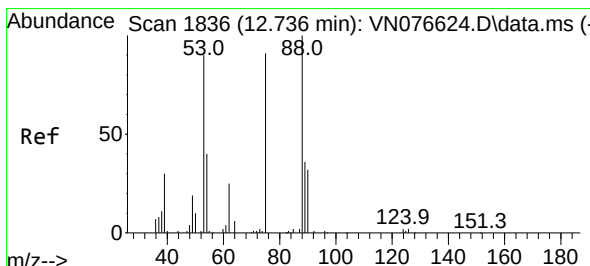
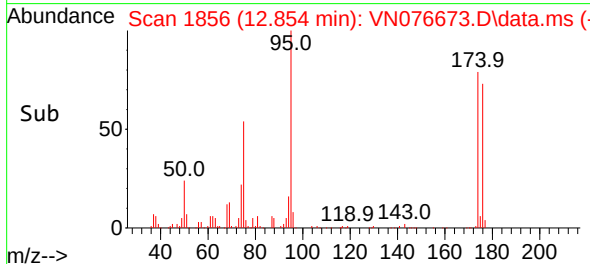
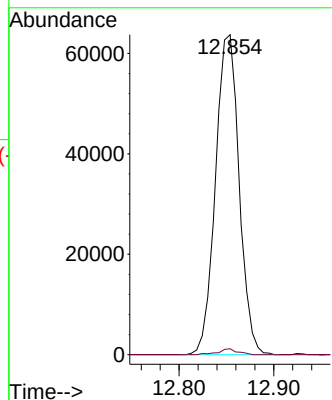
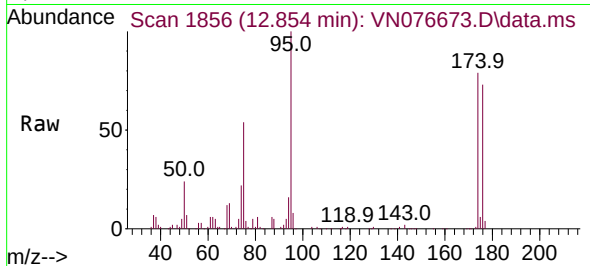




#76
1,2,3-Trichloropropane
Concen: 28.733 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076673.D
Acq: 14 Feb 2023 20:12

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 110598
Ion Ratio Lower Upper
75 100
77 1.5 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.686 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076673.D
Acq: 14 Feb 2023 20:12

Tgt Ion: 75 Resp: 110598
Ion Ratio Lower Upper
75 100
53 0.0 92.1 138.1#
89 0.0 37.5 56.3#

