

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022323\
 Data File : VN076792.D
 Acq On : 23 Feb 2023 14:49
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 24 01:35:11 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	8.230	168	275540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	512701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	455243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	184680	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	199198	52.354	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.700%
35) Dibromofluoromethane	8.178	113	153193	45.626	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.260%
50) Toluene-d8	10.572	98	622536	49.648	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.854	95	188848	45.473	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.940%

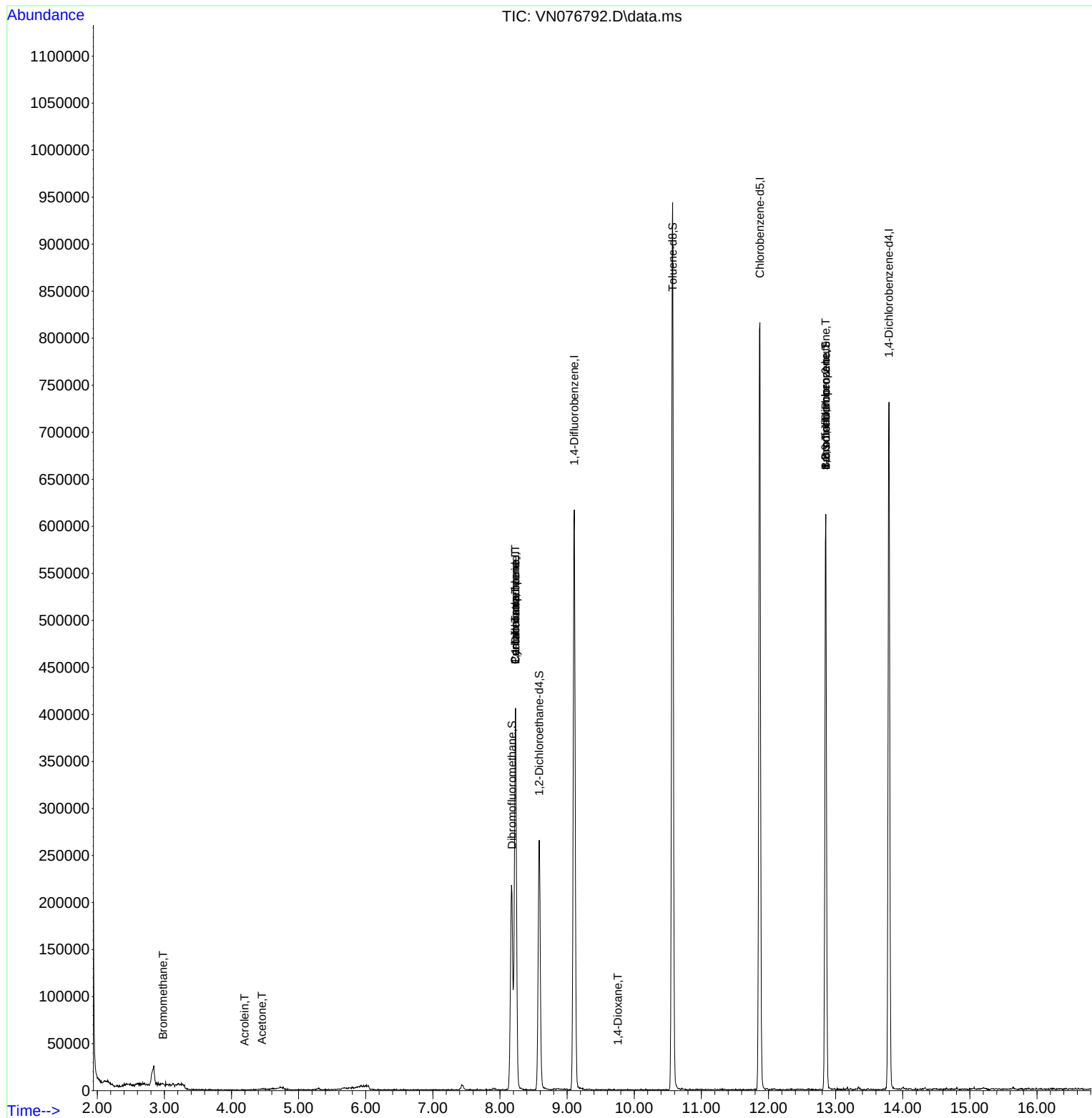
Target Compounds					Qvalue	
5) Bromomethane	2.978	94	637	0.280	ug/l #	6
13) Acrolein	4.195	56	186	0.247	ug/l #	55
16) Acetone	4.454	43	621	0.365	ug/l	90
31) Cyclohexane	8.230	56	8398	1.407	ug/l #	12
36) 1,1-Dichloropropene	8.230	75	26572	5.477	ug/l #	51
38) Carbon Tetrachloride	8.230	117	30285	6.188	ug/l #	17
49) 1,4-Dioxane	9.754	88	53	0.777	ug/l #	1
71) Bromoform	12.854	173	1955	0.761	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	108122	28.958	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	108122	84.343	ug/l #	4

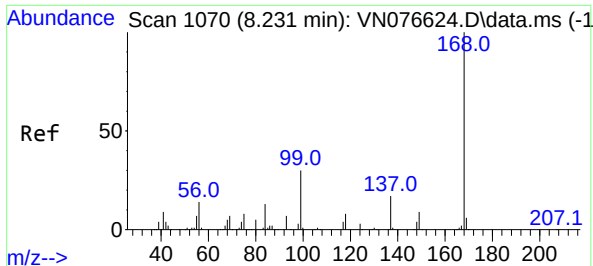
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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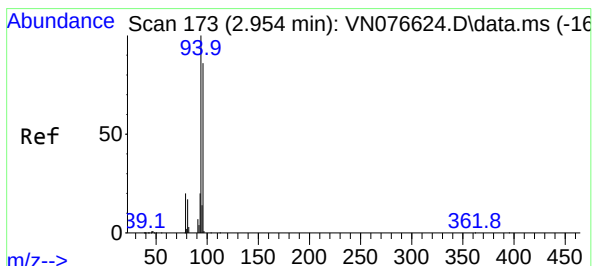
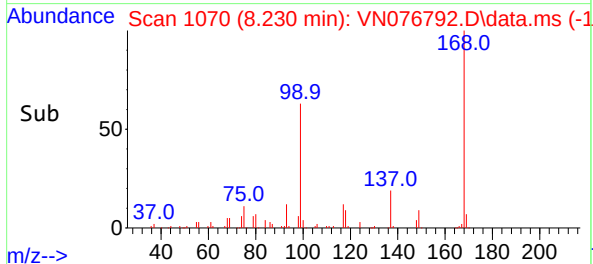
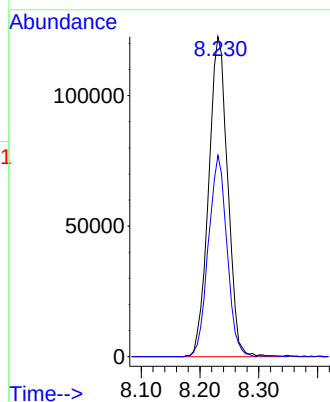
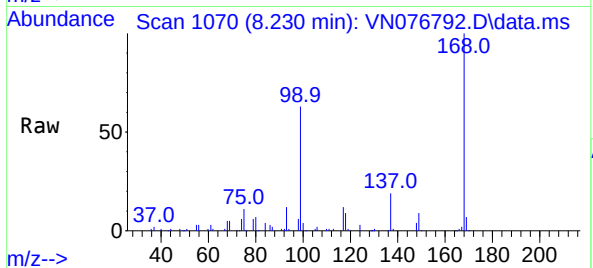




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076792.D
Acq: 23 Feb 2023 14:49

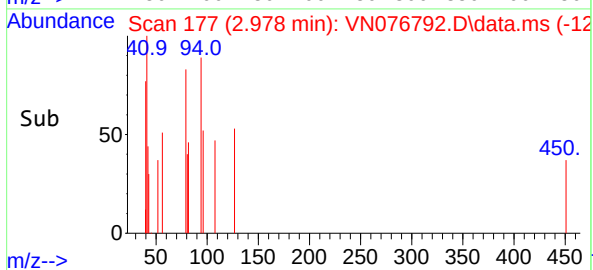
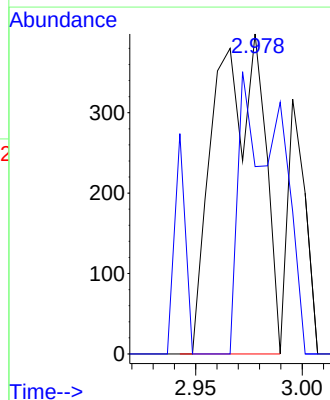
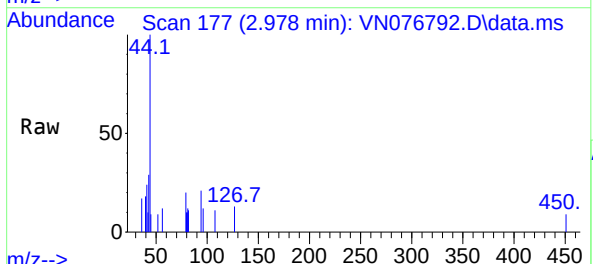
Instrument :
MSVOA_N
ClientSampleId :
IBLK

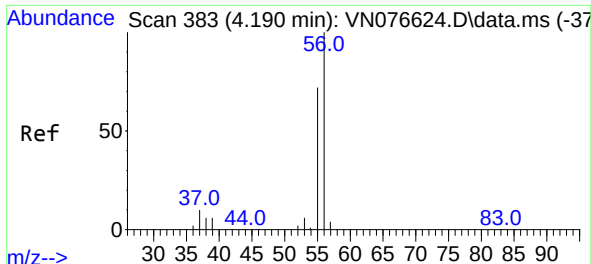
Tgt Ion:168 Resp: 275540
Ion Ratio Lower Upper
168 100
99 62.9 44.8 67.2



#5
Bromomethane
Concen: 0.280 ug/l
RT: 2.978 min Scan# 177
Delta R.T. 0.024 min
Lab File: VN076792.D
Acq: 23 Feb 2023 14:49

Tgt Ion: 94 Resp: 637
Ion Ratio Lower Upper
94 100
96 0.0 69.0 103.4#





#13

Acrolein

Concen: 0.247 ug/l

RT: 4.195 min Scan# 383

Delta R.T. 0.005 min

Lab File: VN076792.D

Acq: 23 Feb 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

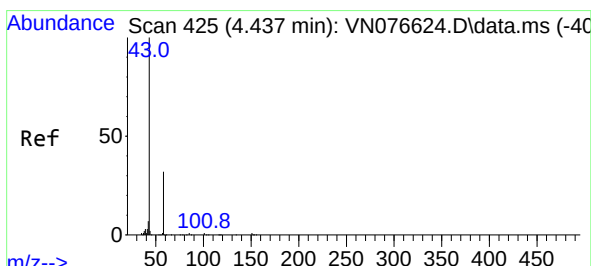
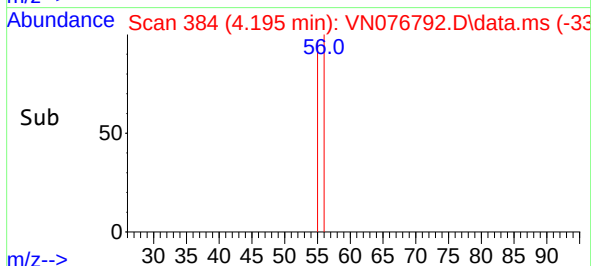
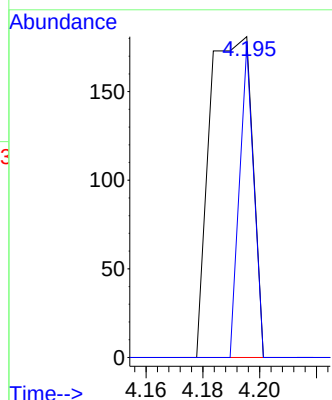
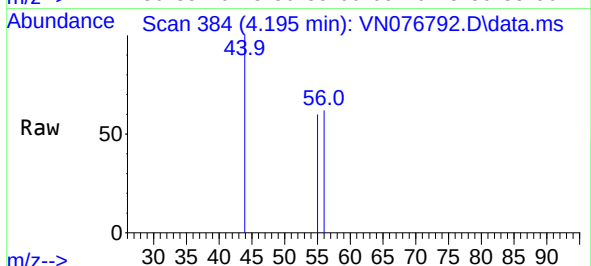
IBLK

Tgt Ion: 56 Resp: 186

Ion Ratio Lower Upper

56 100

55 33.3 56.3 84.5#



#16

Acetone

Concen: 0.365 ug/l

RT: 4.454 min Scan# 428

Delta R.T. 0.017 min

Lab File: VN076792.D

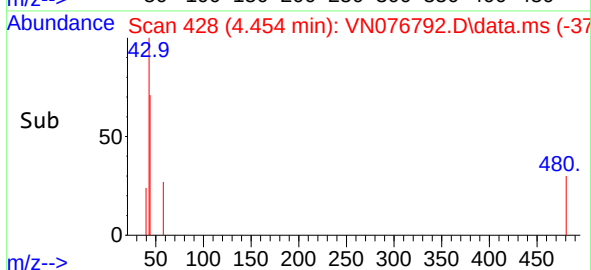
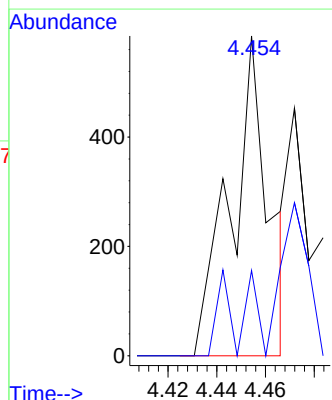
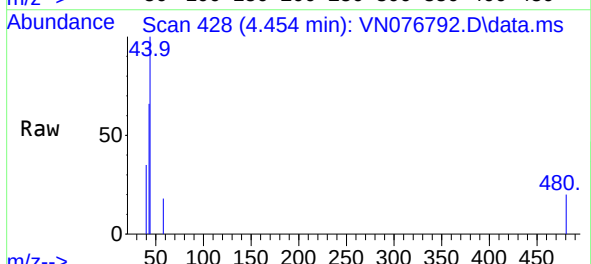
Acq: 23 Feb 2023 14:49

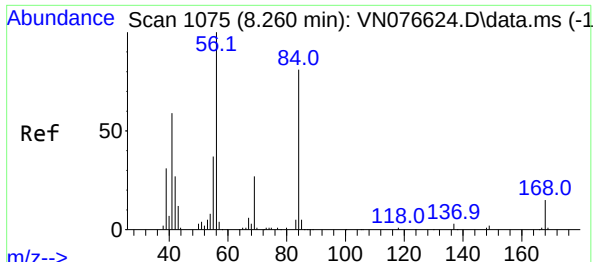
Tgt Ion: 43 Resp: 621

Ion Ratio Lower Upper

43 100

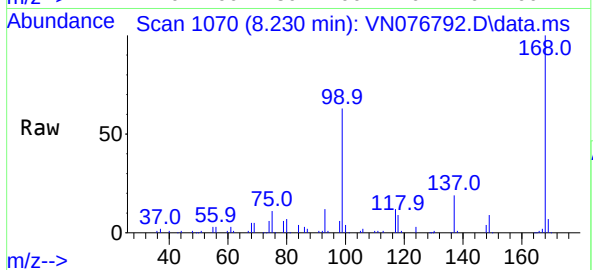
58 26.7 25.9 38.9



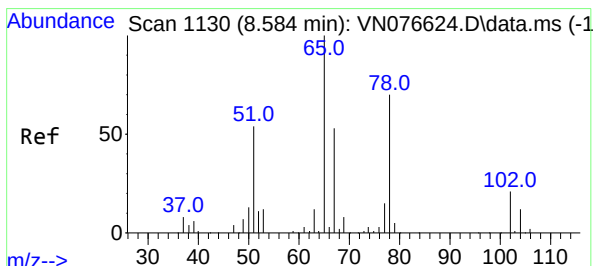
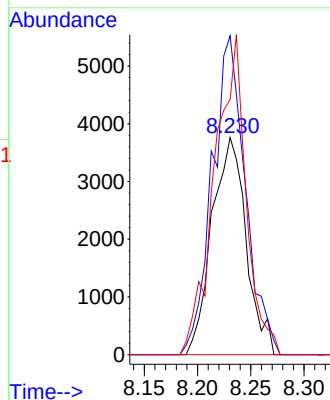
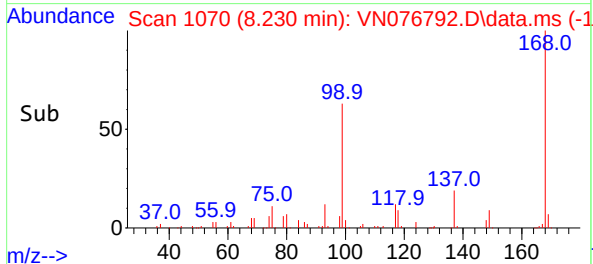


#31
Cyclohexane
Concen: 1.407 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.030 min
Lab File: VN076792.D
Acq: 23 Feb 2023 14:49

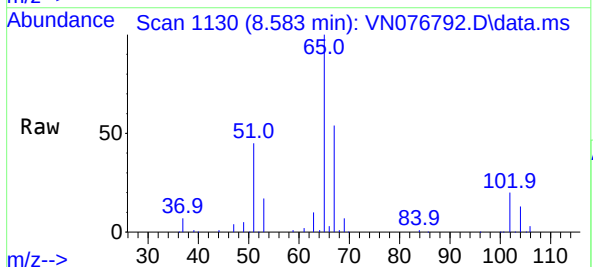
Instrument :
MSVOA_N
ClientSampleId :
IBLK



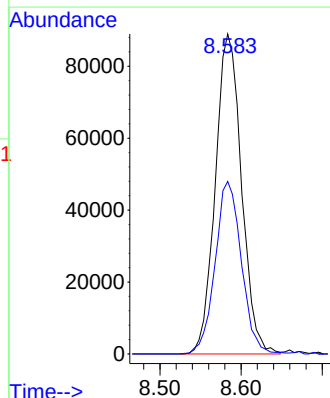
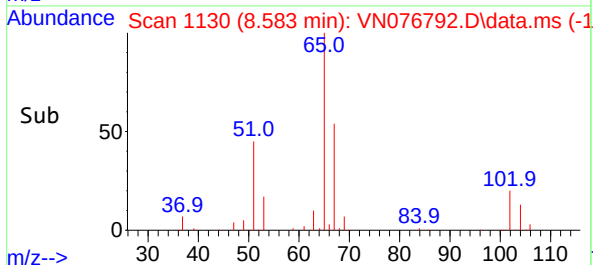
Tgt Ion: 56 Resp: 8398
Ion Ratio Lower Upper
56 100
69 146.9 21.6 32.4#
84 117.5 65.1 97.7#

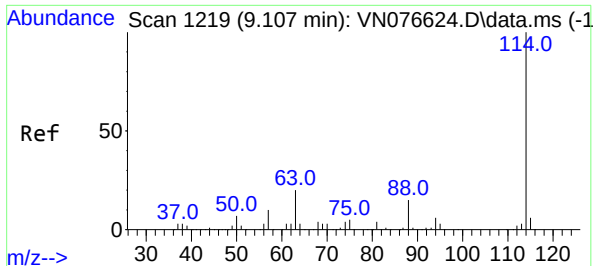


#33
1,2-Dichloroethane-d4
Concen: 52.354 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076792.D
Acq: 23 Feb 2023 14:49



Tgt Ion: 65 Resp: 199198
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076792.D

Acq: 23 Feb 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

IBLK

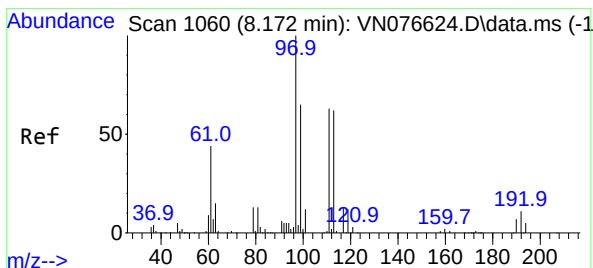
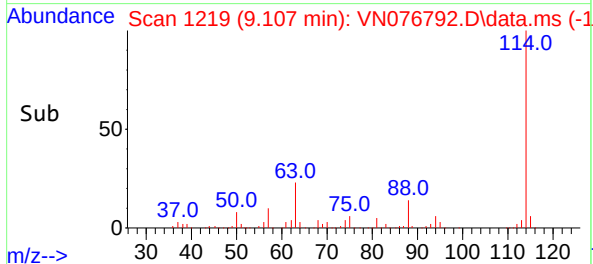
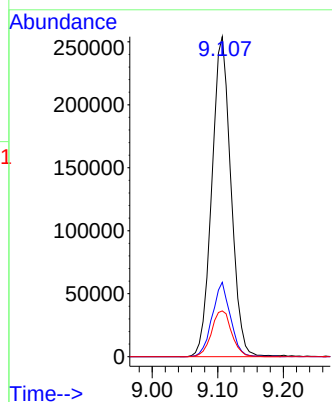
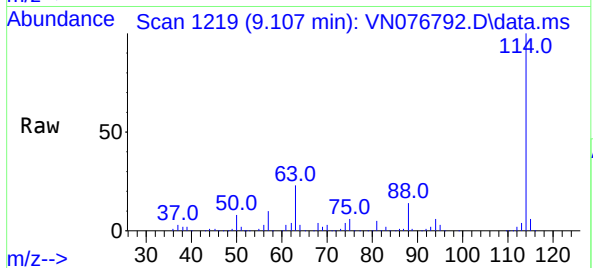
Tgt Ion:114 Resp: 512701

Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

88 14.3 0.0 29.6



#35

Dibromofluoromethane

Concen: 45.626 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076792.D

Acq: 23 Feb 2023 14:49

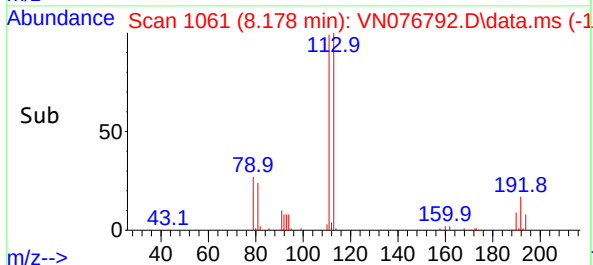
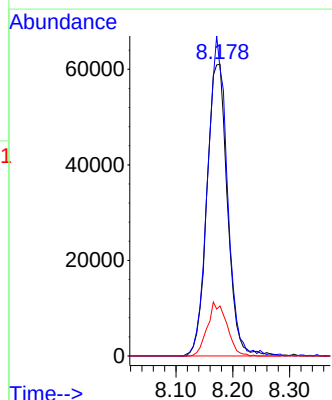
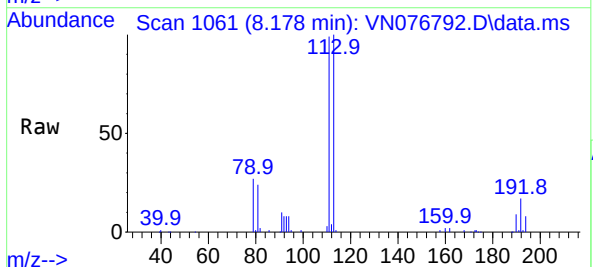
Tgt Ion:113 Resp: 153193

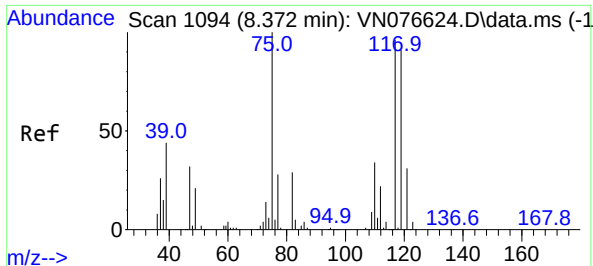
Ion Ratio Lower Upper

113 100

111 104.7 83.1 124.7

192 17.5 15.6 23.4

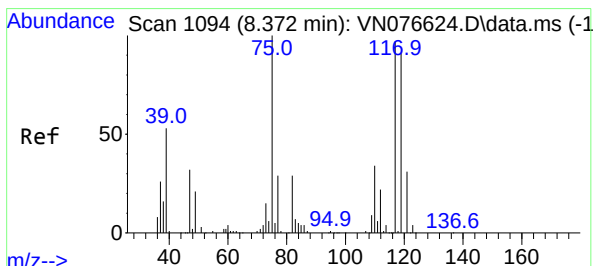
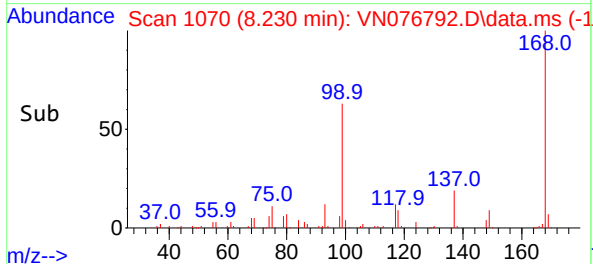
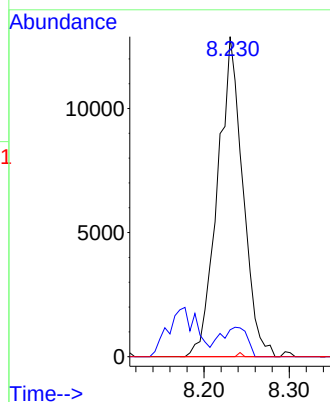
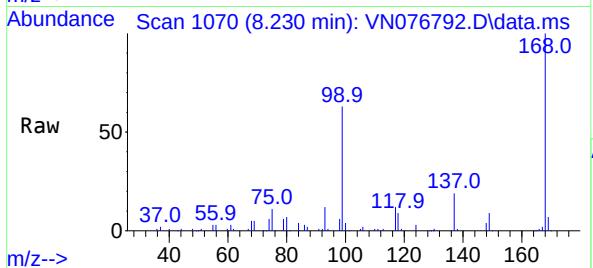




#36
1,1-Dichloropropene
Concen: 5.477 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.142 min
Lab File: VN076792.D
Acq: 23 Feb 2023 14:49

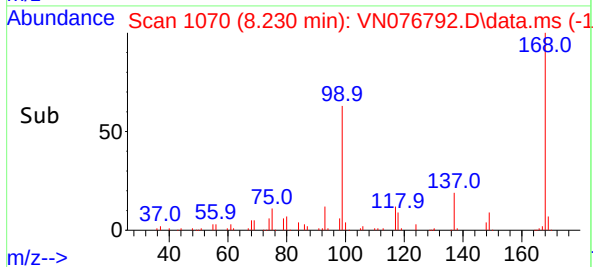
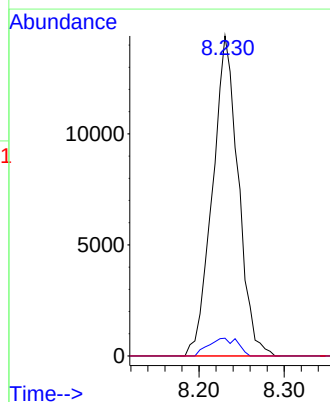
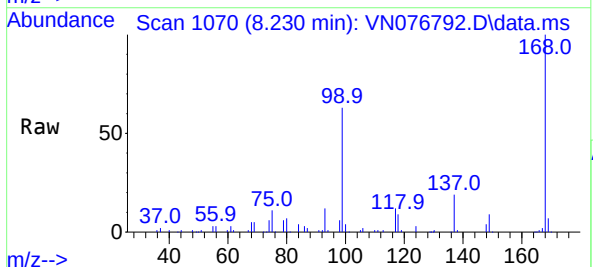
Instrument :
MSVOA_N
ClientSampleId :
IBLK

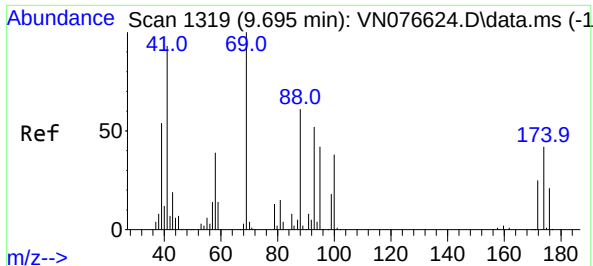
Tgt Ion: 75 Resp: 26572
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.2 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.188 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.142 min
Lab File: VN076792.D
Acq: 23 Feb 2023 14:49

Tgt Ion: 117 Resp: 30285
Ion Ratio Lower Upper
117 100
119 5.6 75.4 113.0#
121 0.0 26.0 39.0#

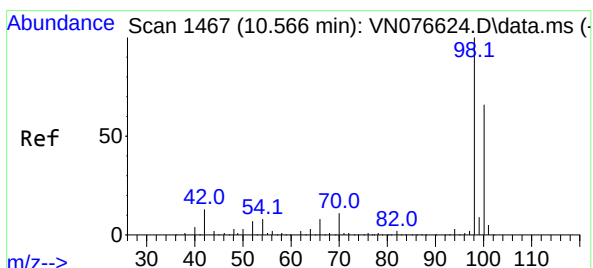
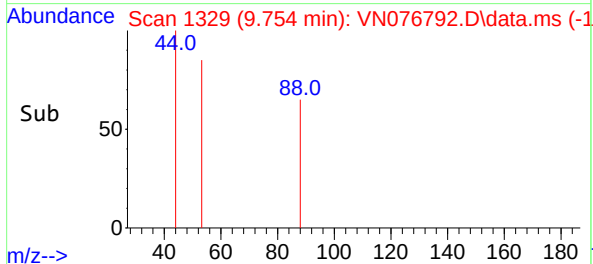
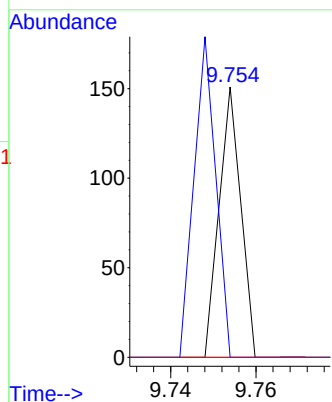
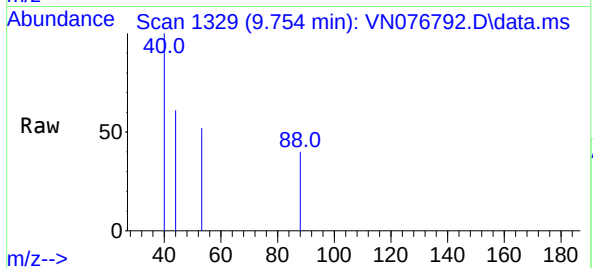




#49
1,4-Dioxane
Concen: 0.777 ug/l
RT: 9.754 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN076792.D
Acq: 23 Feb 2023 14:49

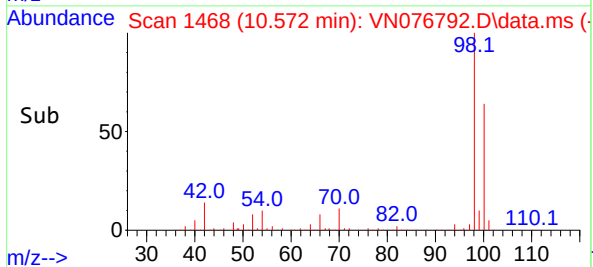
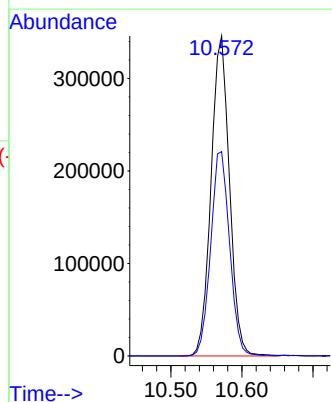
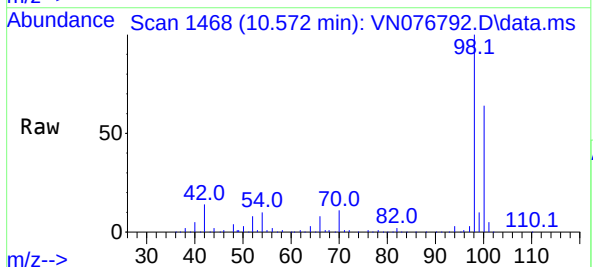
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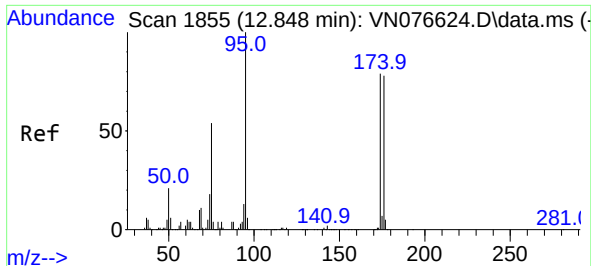
Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
43 118.9 22.6 33.8#
58 0.0 57.6 86.4#



#50
Toluene-d8
Concen: 49.648 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076792.D
Acq: 23 Feb 2023 14:49

Tgt Ion: 98 Resp: 622536
Ion Ratio Lower Upper
98 100
100 65.7 52.9 79.3

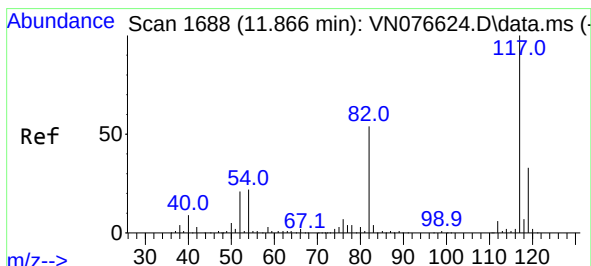
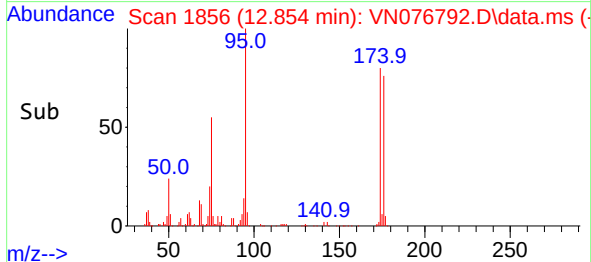
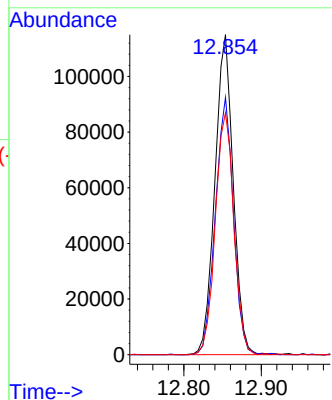
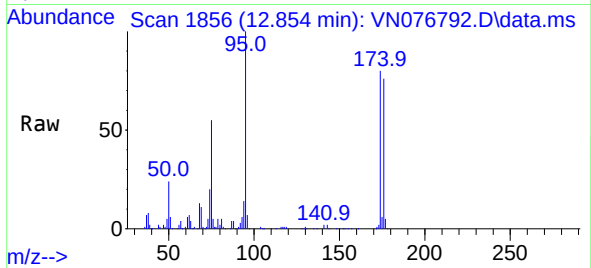




#62
4-Bromofluorobenzene
Concen: 45.473 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076792.D
Acq: 23 Feb 2023 14:49

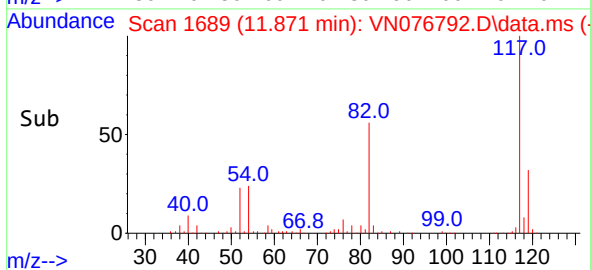
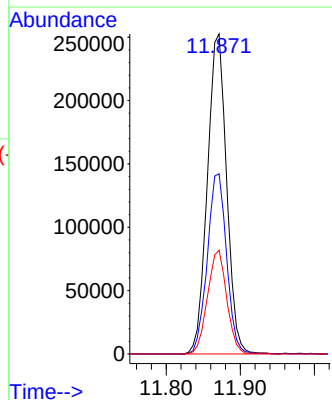
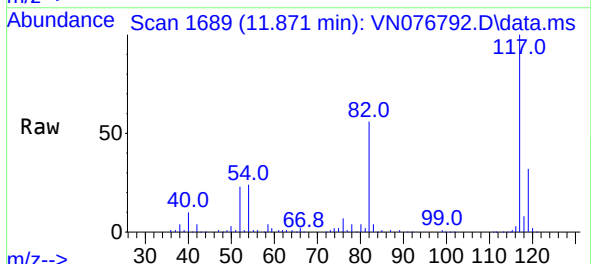
Instrument :
MSVOA_N
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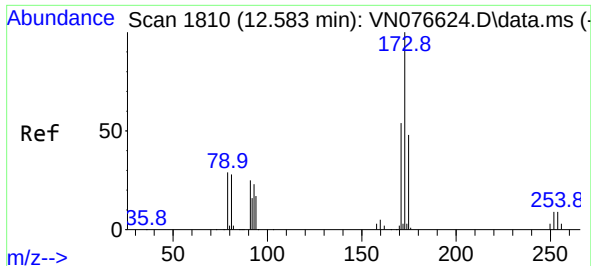
Tgt Ion: 95 Resp: 188848
Ion Ratio Lower Upper
95 100
174 79.6 0.0 169.2
176 76.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN076792.D
Acq: 23 Feb 2023 14:49

Tgt Ion: 117 Resp: 455243
Ion Ratio Lower Upper
117 100
82 56.3 43.4 65.2
119 32.4 26.1 39.1

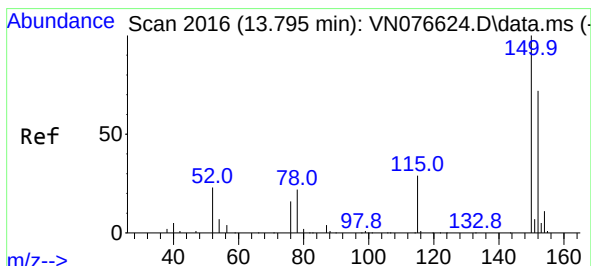
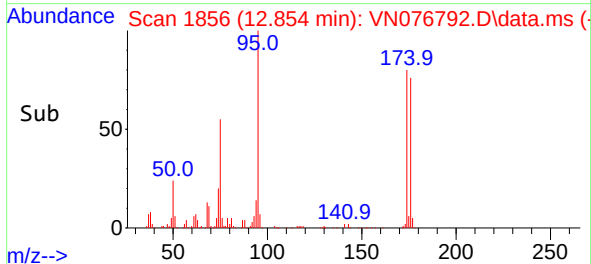
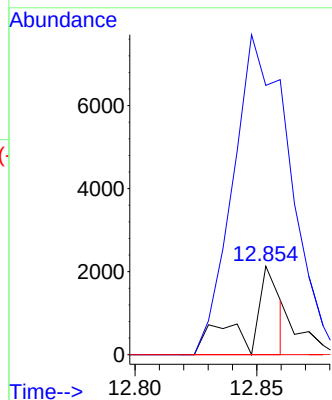
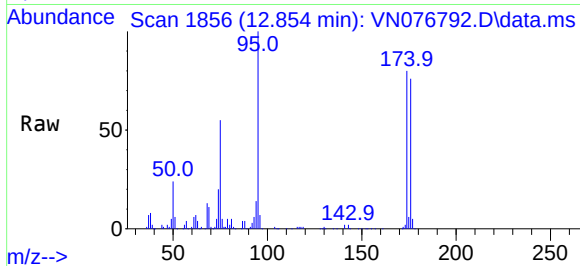




#71
Bromoform
Concen: 0.761 ug/l
RT: 12.854 min Scan# 1810
Delta R.T. 0.271 min
Lab File: VN076792.D
Acq: 23 Feb 2023 14:49

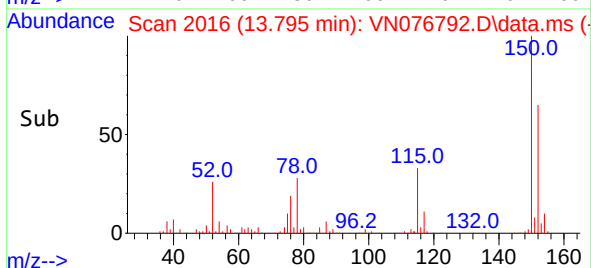
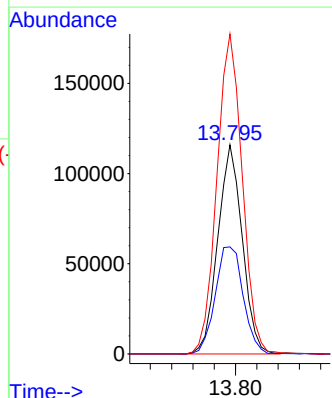
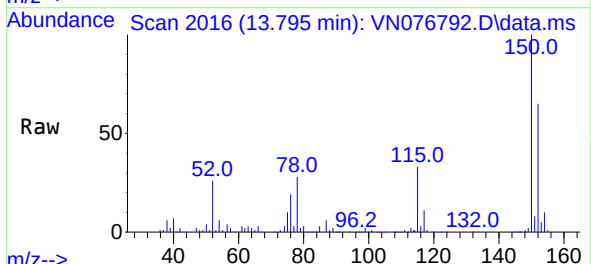
Instrument :
MSVOA_N
ClientSampleId :
IBLK

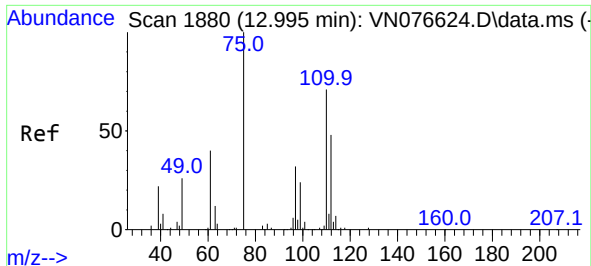
Tgt Ion:173 Resp: 1955
Ion Ratio Lower Upper
173 100
175 405.5 24.9 74.7#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076792.D
Acq: 23 Feb 2023 14:49

Tgt Ion:152 Resp: 184680
Ion Ratio Lower Upper
152 100
115 58.7 29.3 87.9
150 158.6 0.0 349.8

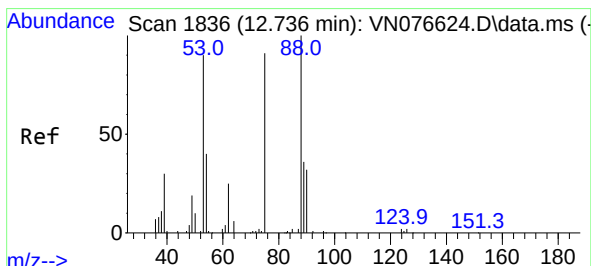
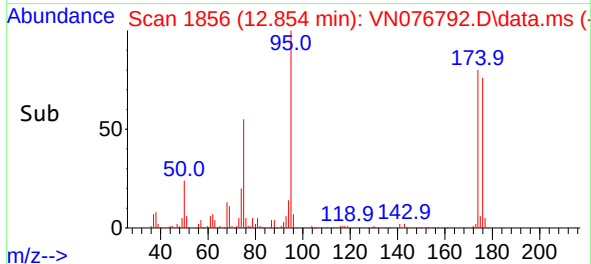
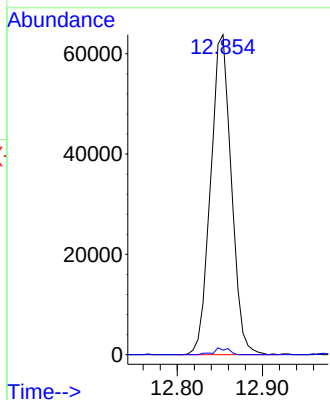
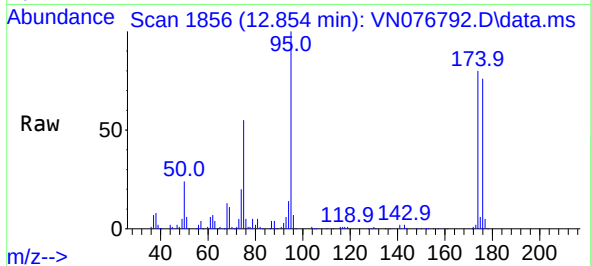




#76
1,2,3-Trichloropropane
Concen: 28.958 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076792.D
Acq: 23 Feb 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 108122
Ion Ratio Lower Upper
75 100
77 1.5 93.1 279.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.343 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN076792.D
Acq: 23 Feb 2023 14:49

Tgt Ion: 75 Resp: 108122
Ion Ratio Lower Upper
75 100
53 0.0 92.1 138.1#
89 0.1 37.5 56.3#

