

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007094.D
 Acq On : 08 Jan 2022 21:28
 Operator : SY/MD
 Sample : N1065-20
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-5

Quant Time: Jan 10 03:43:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	127433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	207789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90975	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	90479	59.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.700%
35) Dibromofluoromethane	7.722	113	74489	48.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.000%
50) Toluene-d8	10.185	98	277097	49.347	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.483	95	100959	49.852	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.700%

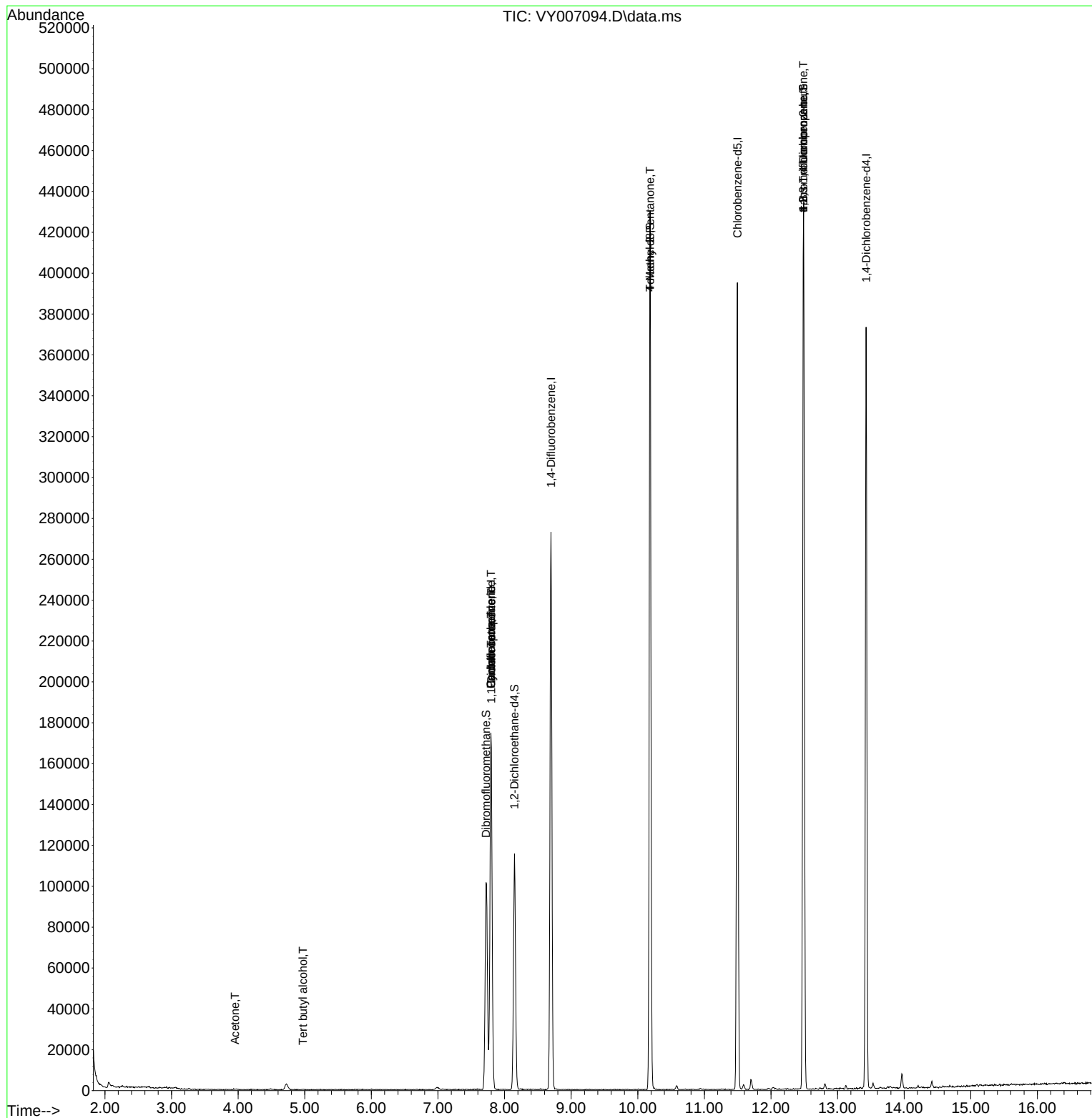
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	172	1.415	ug/l #	73
16) Acetone	3.954	43	718	2.510	ug/l #	45
20) Methylene Chloride	4.729	84	2218	Below Cal		95
31) Cyclohexane	7.795	56	2690	1.025	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	10839	4.500	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13972	5.551	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1223	1.085	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	55173	53.138	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55173	99.808	ug/l #	3

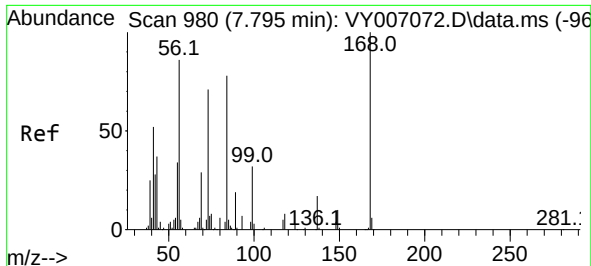
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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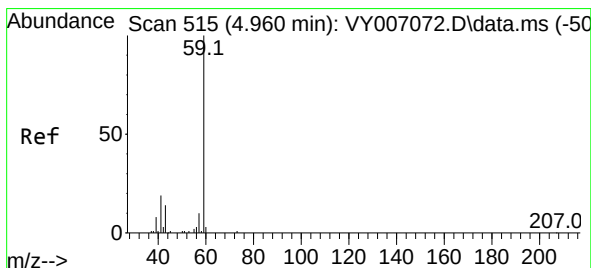
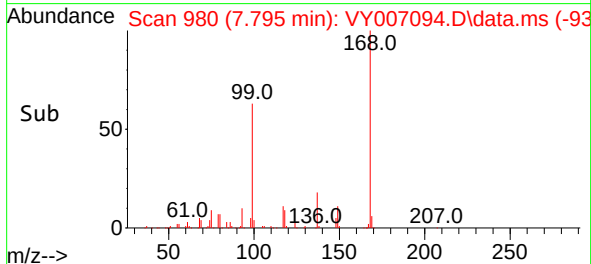
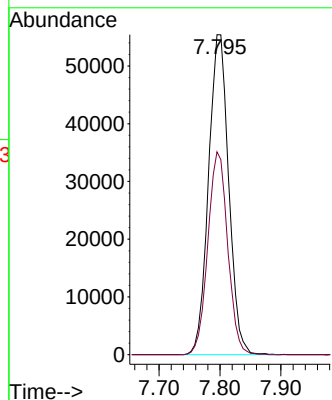
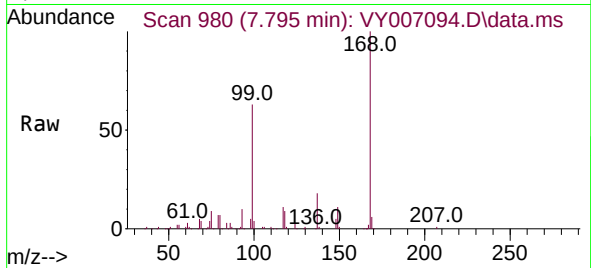




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007094.D
Acq: 08 Jan 2022 21:28

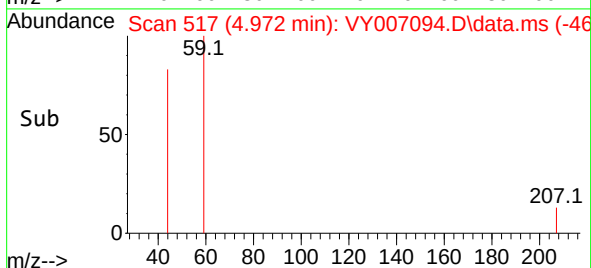
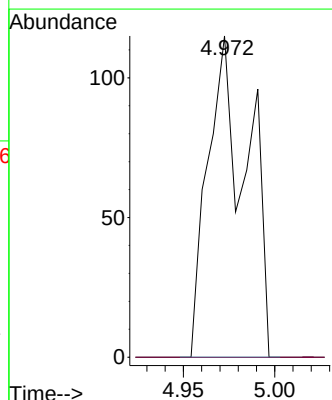
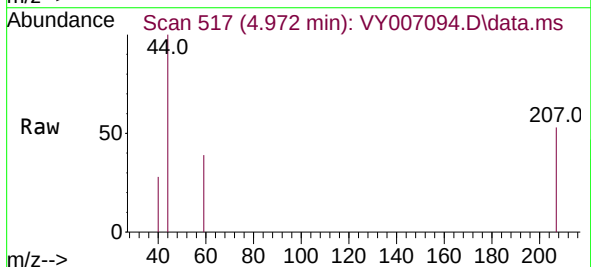
Instrument :
MSVOA_Y
ClientSampleId :
AMI-5

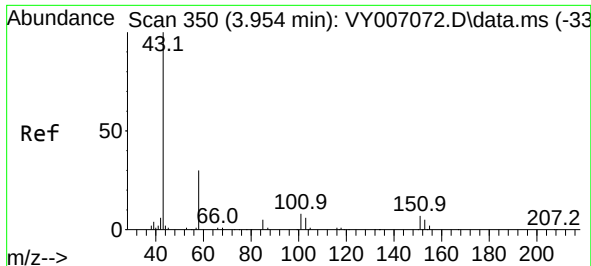
Tgt Ion:168 Resp: 127433
Ion Ratio Lower Upper
168 100
99 63.4 49.1 73.7



#11
Tert butyl alcohol
Concen: 1.415 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY007094.D
Acq: 08 Jan 2022 21:28

Tgt Ion: 59 Resp: 172
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 2.510 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY007094.D

Acq: 08 Jan 2022 21:28

Instrument :

MSVOA_Y

ClientSampleId :

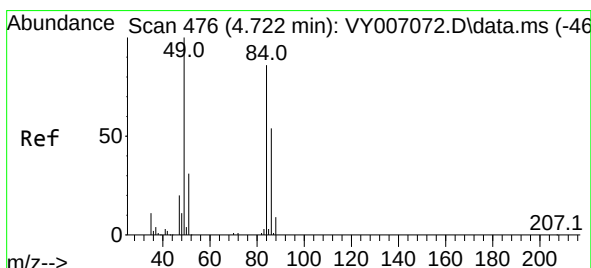
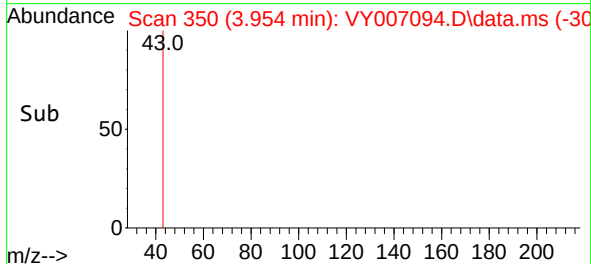
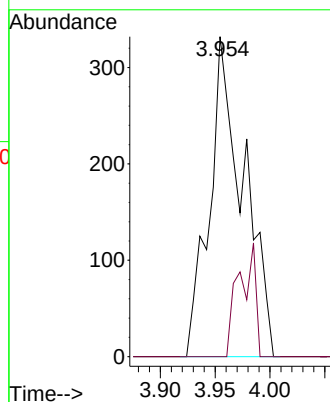
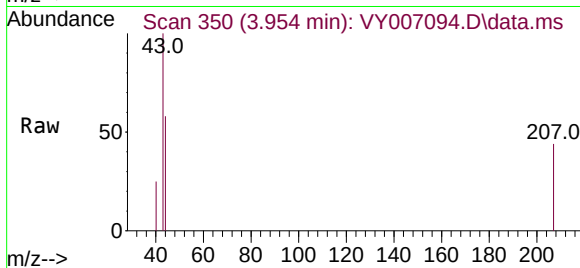
AMI-5

Tgt Ion: 43 Resp: 718

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.729 min Scan# 477

Delta R.T. 0.007 min

Lab File: VY007094.D

Acq: 08 Jan 2022 21:28

Tgt Ion: 84 Resp: 2218

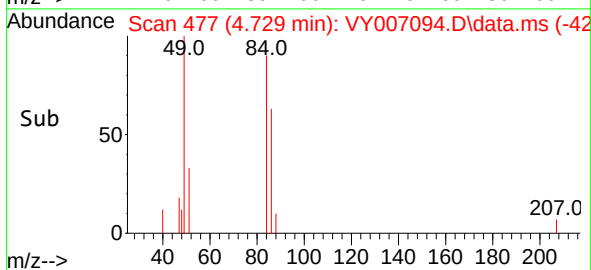
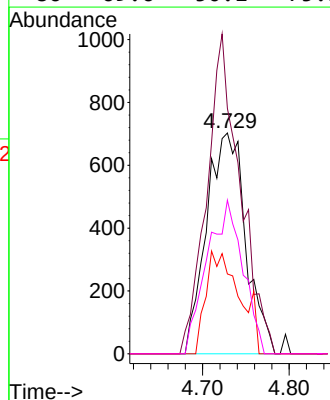
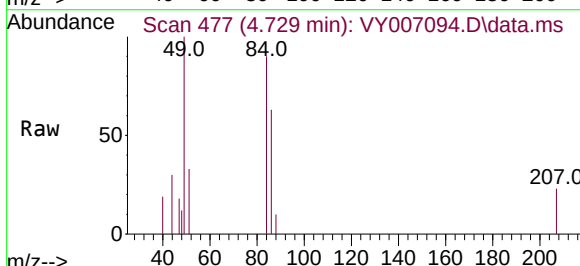
Ion Ratio Lower Upper

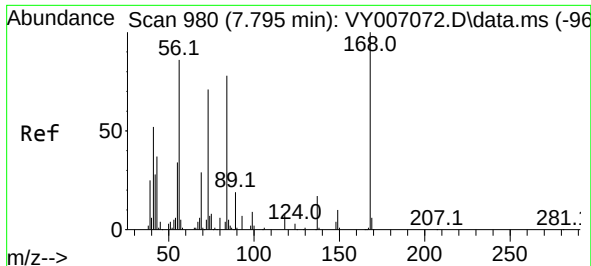
84 100

49 111.1 92.6 139.0

51 36.1 28.6 42.8

86 69.6 50.1 75.1

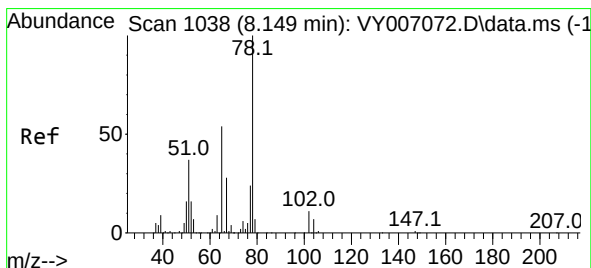
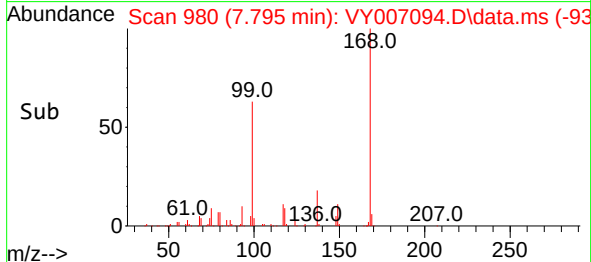
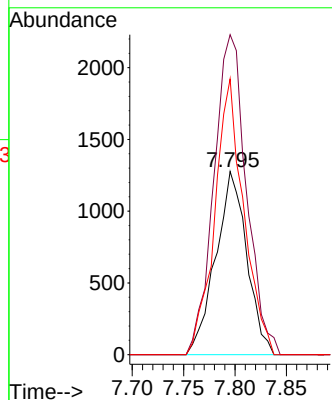
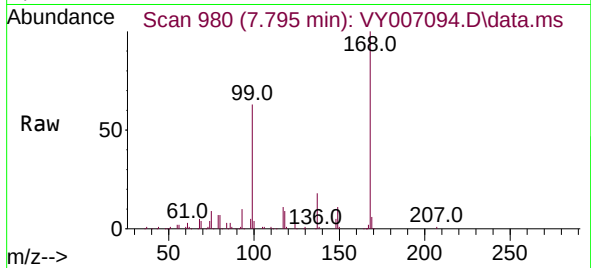




#31
Cyclohexane
Concen: 1.025 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007094.D
Acq: 08 Jan 2022 21:28

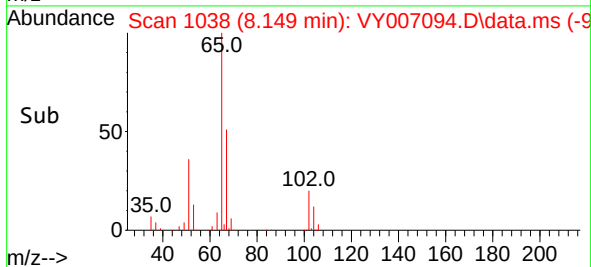
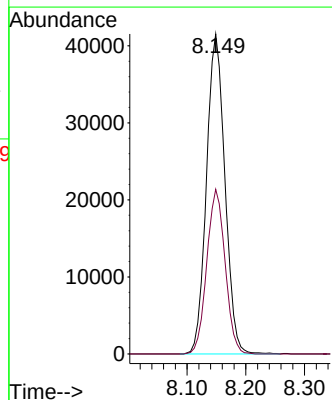
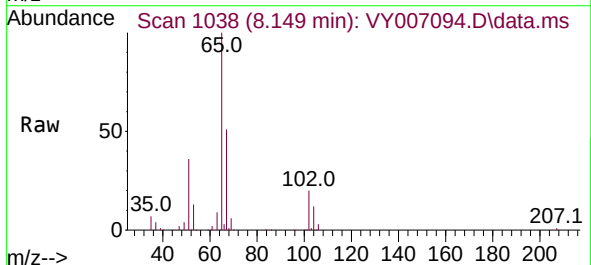
Instrument :
MSVOA_Y
ClientSampleId :
AMI-5

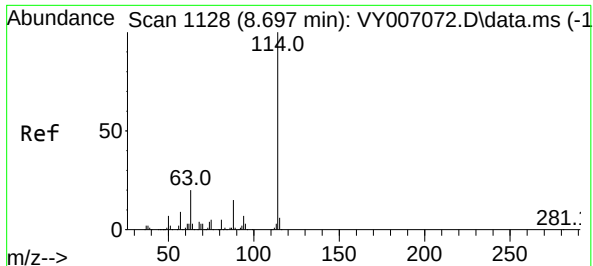
Tgt Ion: 56 Resp: 2690
Ion Ratio Lower Upper
56 100
69 174.6 27.2 40.8#
84 157.5 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 59.349 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY007094.D
Acq: 08 Jan 2022 21:28

Tgt Ion: 65 Resp: 90479
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY007094.D

Acq: 08 Jan 2022 21:28

Instrument :

MSVOA_Y

ClientSampleId :

AMI-5

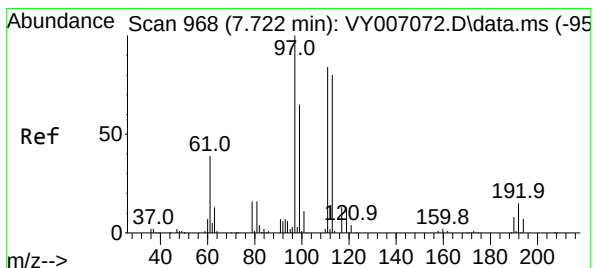
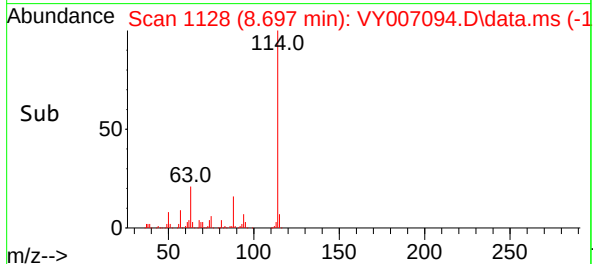
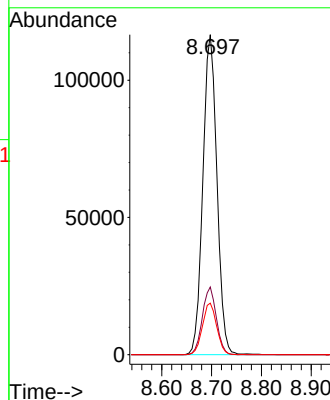
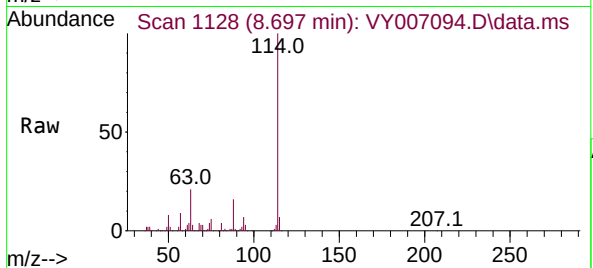
Tgt Ion:114 Resp: 228095

Ion Ratio Lower Upper

114 100

63 21.2 0.0 39.2

88 16.1 0.0 31.0



#35

Dibromofluoromethane

Concen: 48.999 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007094.D

Acq: 08 Jan 2022 21:28

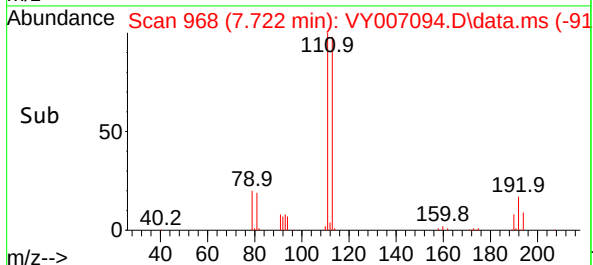
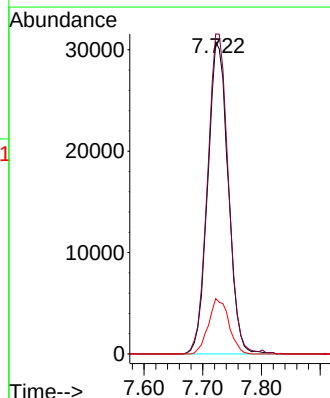
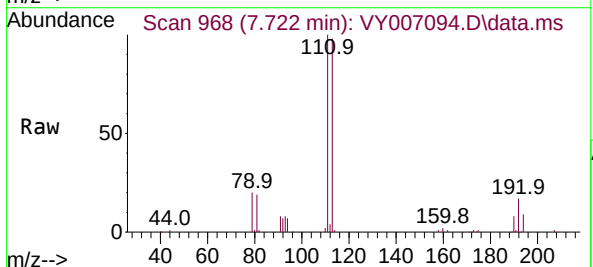
Tgt Ion:113 Resp: 74489

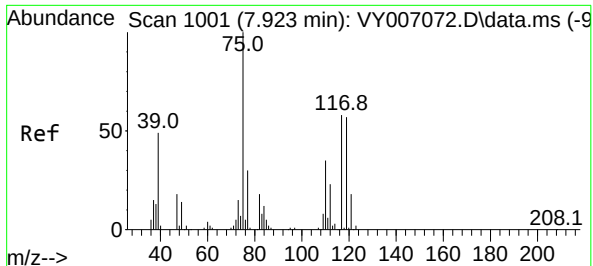
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 17.6 14.2 21.4

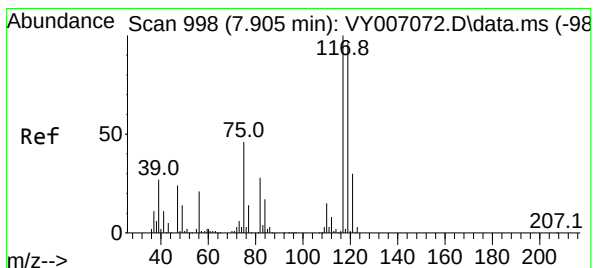
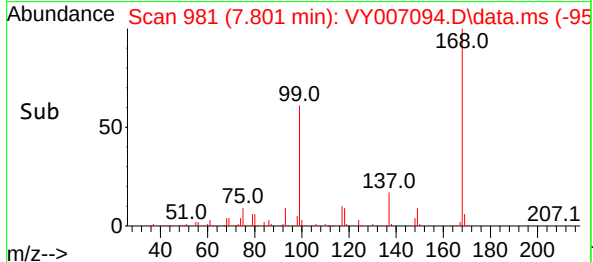
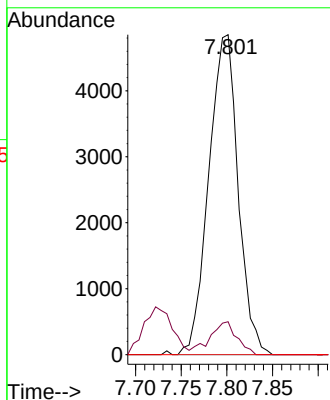
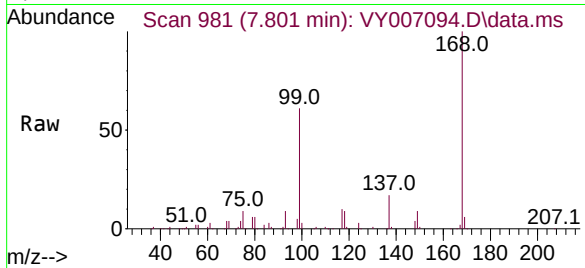




#36
 1,1-Dichloropropene
 Concen: 4.500 ug/l
 RT: 7.801 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY007094.D
 Acq: 08 Jan 2022 21:28

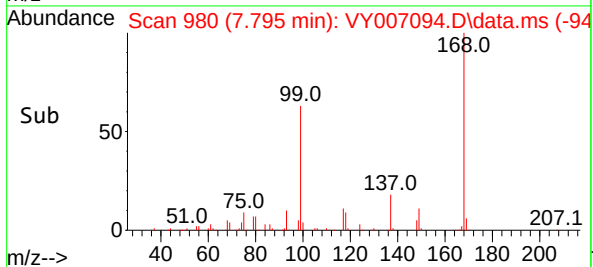
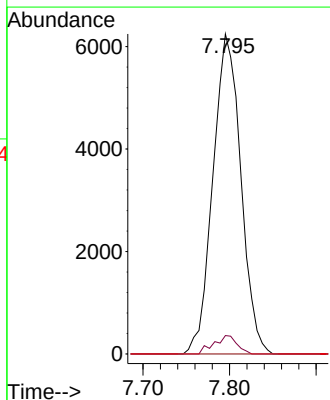
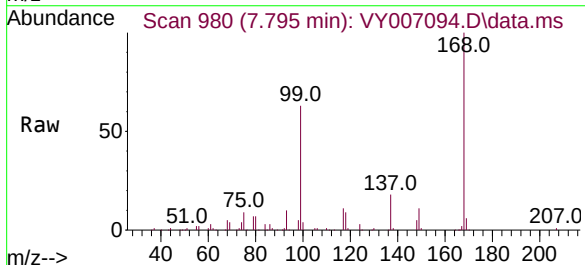
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 AMI-5

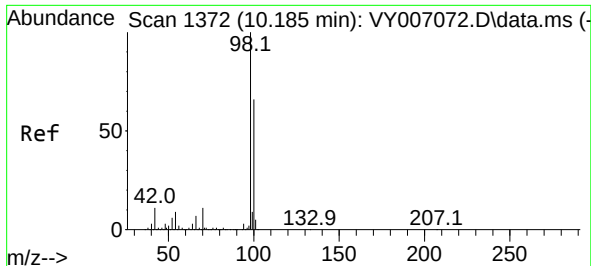
Tgt Ion: 75 Resp: 10839
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.3 51.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.551 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.110 min
 Lab File: VY007094.D
 Acq: 08 Jan 2022 21:28

Tgt Ion: 117 Resp: 13972
 Ion Ratio Lower Upper
 117 100
 119 5.8 77.2 115.8#
 121 0.0 24.2 36.2#

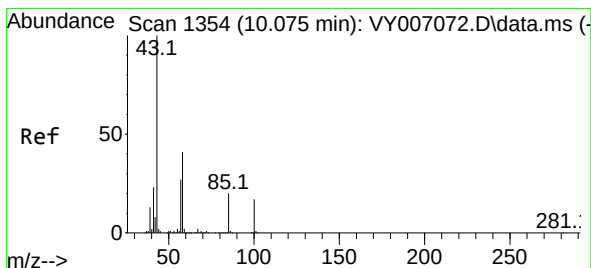
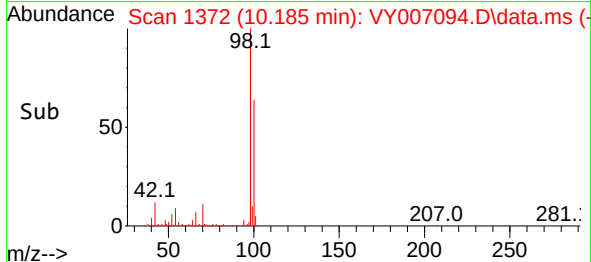
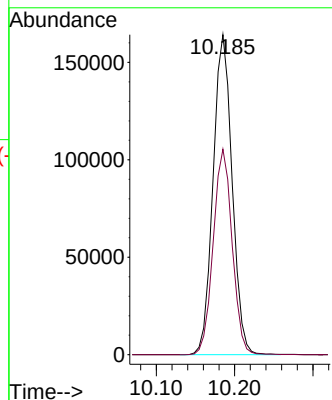
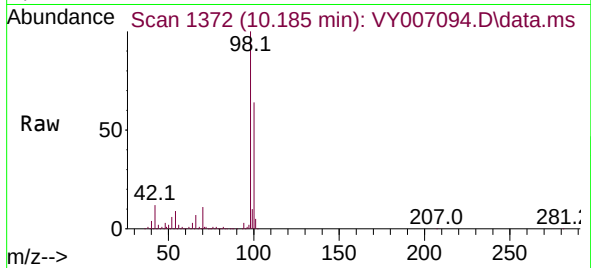




#50
Toluene-d8
Concen: 49.347 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007094.D
Acq: 08 Jan 2022 21:28

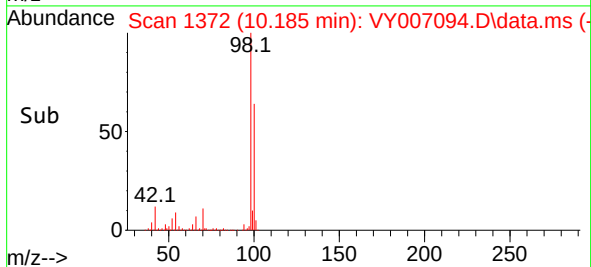
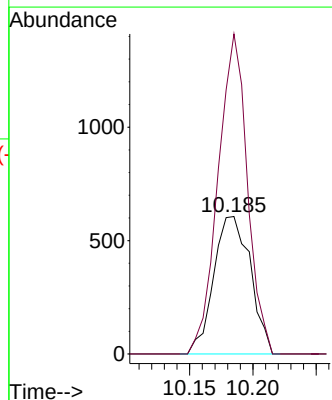
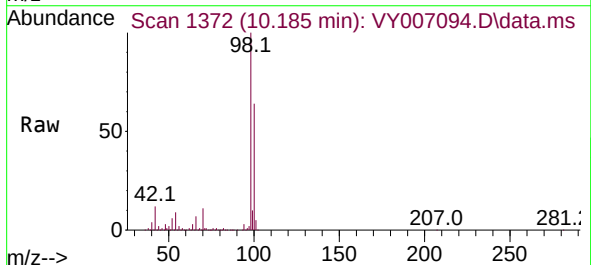
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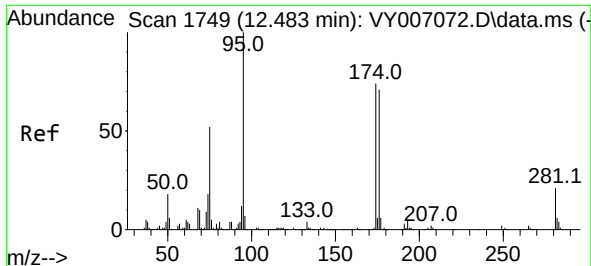
Tgt Ion: 98 Resp: 277097
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 1.085 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY007094.D
Acq: 08 Jan 2022 21:28

Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
58 186.3 32.8 49.2#

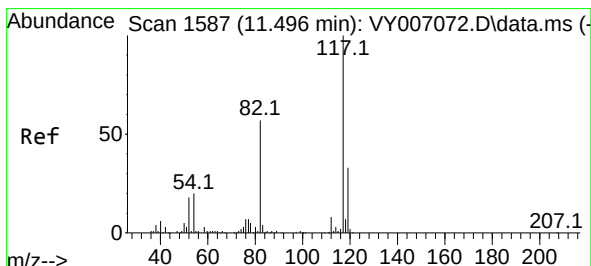
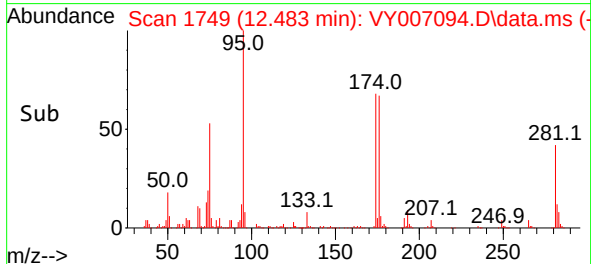
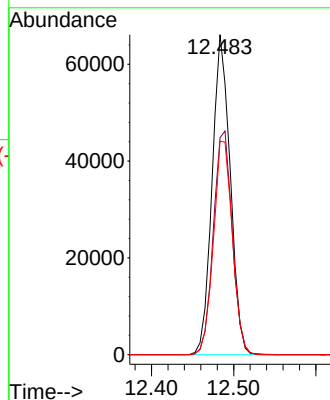
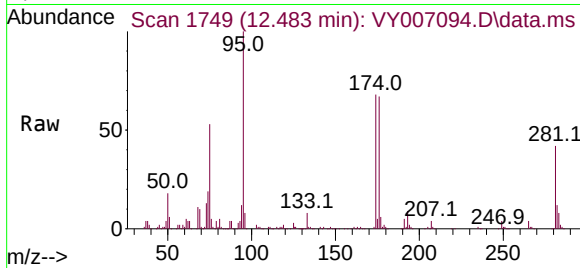




#62
4-Bromofluorobenzene
Concen: 49.852 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007094.D
Acq: 08 Jan 2022 21:28

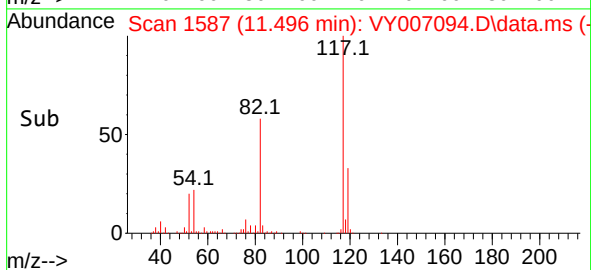
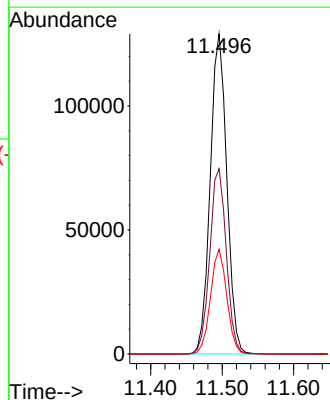
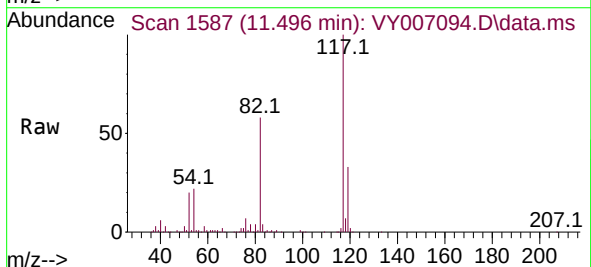
Instrument :
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ClientSampleId :
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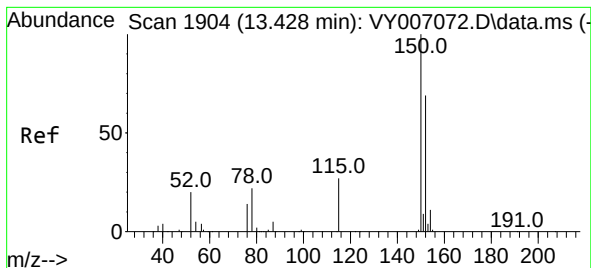
Tgt Ion: 95 Resp: 100959
Ion Ratio Lower Upper
95 100
174 72.9 0.0 148.4
176 70.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007094.D
Acq: 08 Jan 2022 21:28

Tgt Ion: 117 Resp: 207789
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.0
119 32.7 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007094.D

Acq: 08 Jan 2022 21:28

Instrument :

MSVOA_Y

ClientSampleId :

AMI-5

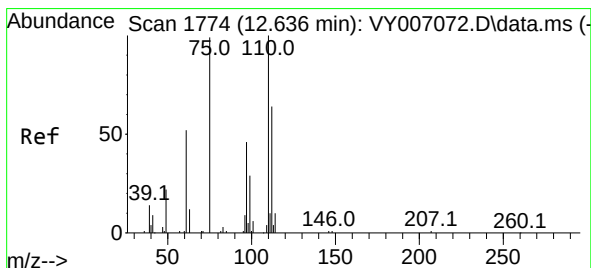
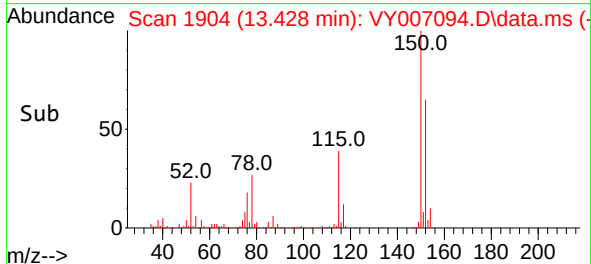
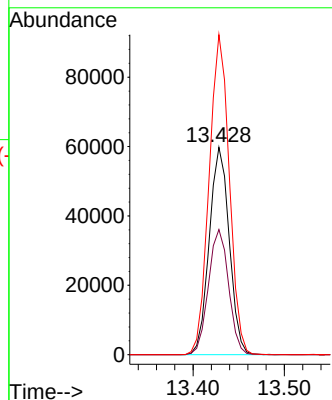
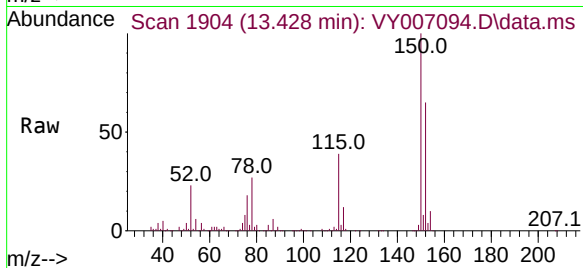
Tgt Ion:152 Resp: 90975

Ion Ratio Lower Upper

152 100

115 60.9 31.4 94.0

150 155.4 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 53.138 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007094.D

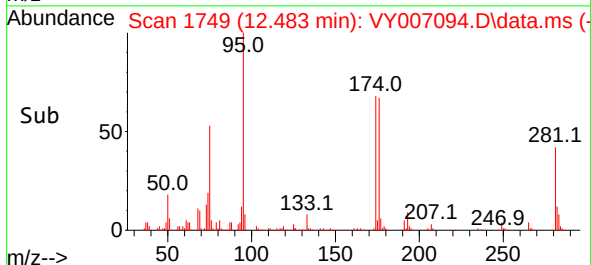
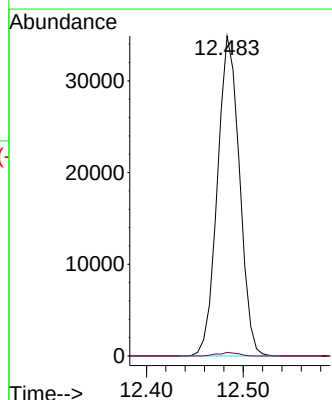
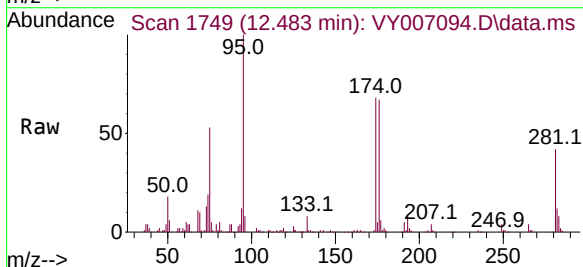
Acq: 08 Jan 2022 21:28

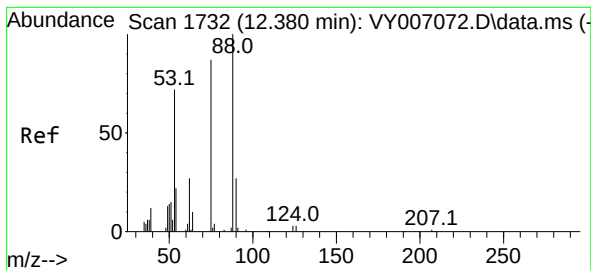
Tgt Ion: 75 Resp: 55173

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.808 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007094.D
 Acq: 08 Jan 2022 21:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-5

Tgt Ion: 75 Resp: 55173
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 1.4 0.0 0.0#

