

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007091.D
 Acq On : 08 Jan 2022 20:09
 Operator : SY/MD
 Sample : N1065-08
 Misc : 6.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-2

Quant Time: Jan 10 03:43:09 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)

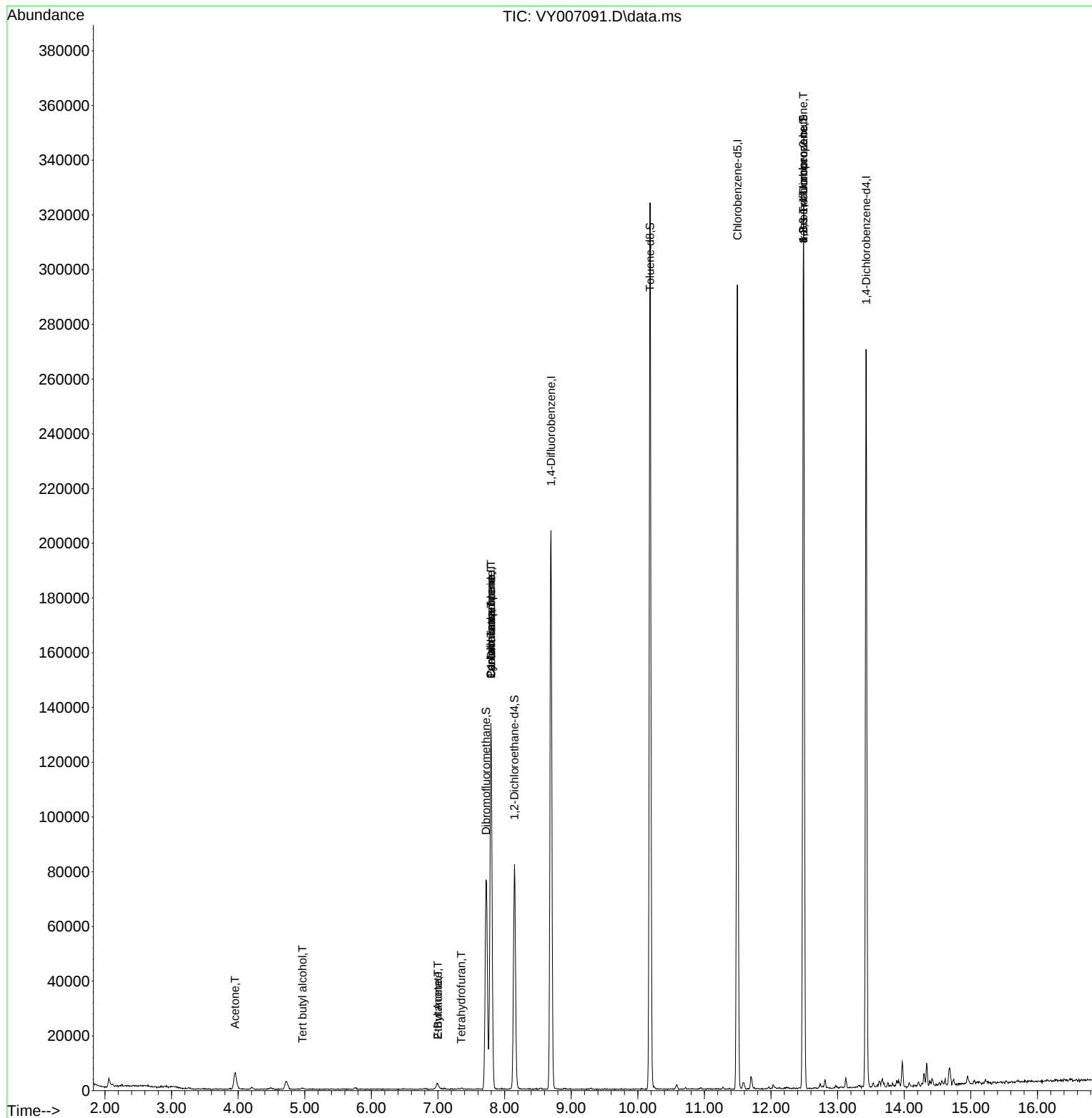
Internal Standards						
1) Pentafluorobenzene	7.795	168	97034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	154971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	64911	55.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.840%
35) Dibromofluoromethane	7.722	113	56059	48.490	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.980%
50) Toluene-d8	10.185	98	210209	49.225	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.483	95	73615	47.798	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.600%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.966	59	670	7.239	ug/l #	73
13) Acrolein	3.735	56	48	Below Cal	#	15
16) Acetone	3.954	43	11811	54.230	ug/l	97
20) Methylene Chloride	4.722	84	2142	Below Cal	#	80
25) 2-Butanone	6.996	43	2097	6.231	ug/l	95
29) Tetrahydrofuran	7.350	42	296	1.228	ug/l #	32
31) Cyclohexane	7.795	56	2152	1.077	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8099	4.421	ug/l #	50
37) Ethyl Acetate	6.996	43	2097	2.339	ug/l #	67
38) Carbon Tetrachloride	7.795	117	10576	5.525	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	39961	54.130	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39961	101.670	ug/l #	3

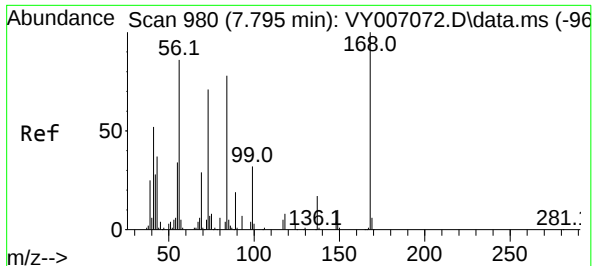
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

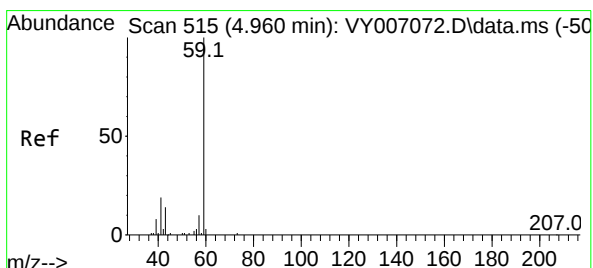
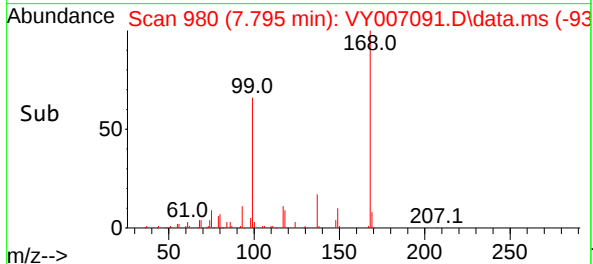
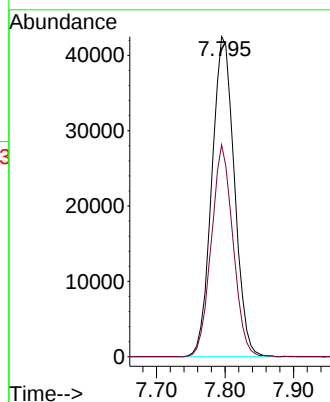
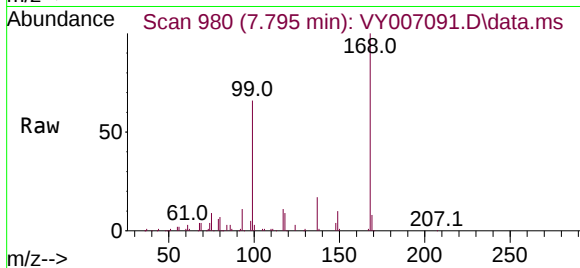




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007091.D
Acq: 08 Jan 2022 20:09

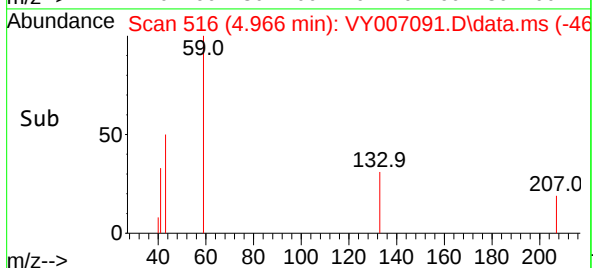
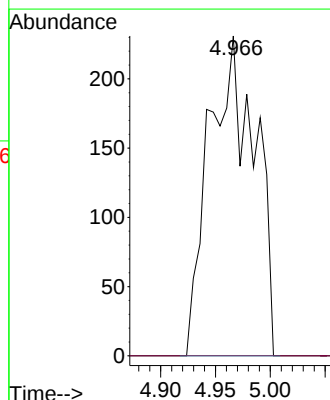
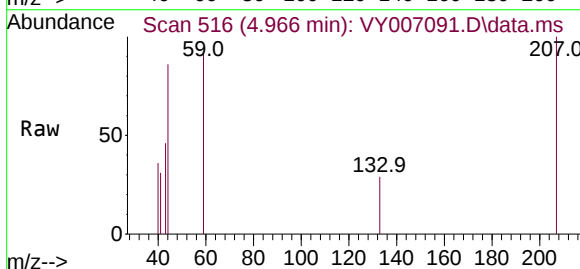
Instrument :
MSVOA_Y
ClientSampleId :
AMI-2

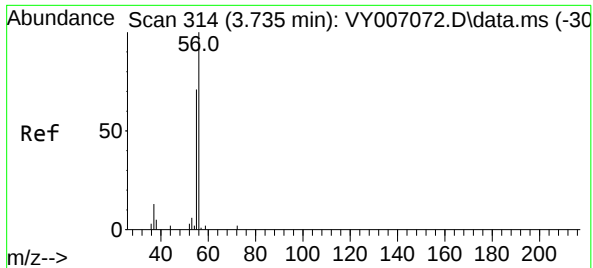
Tgt Ion:168 Resp: 97034
Ion Ratio Lower Upper
168 100
99 66.2 49.1 73.7



#11
Tert butyl alcohol
Concen: 7.239 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY007091.D
Acq: 08 Jan 2022 20:09

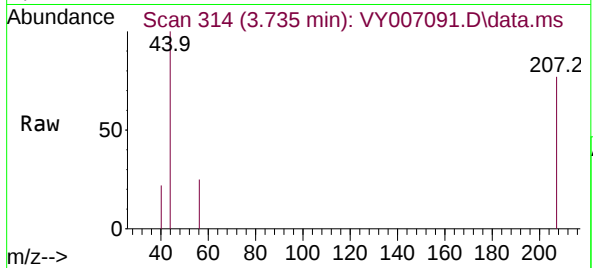
Tgt Ion: 59 Resp: 670
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



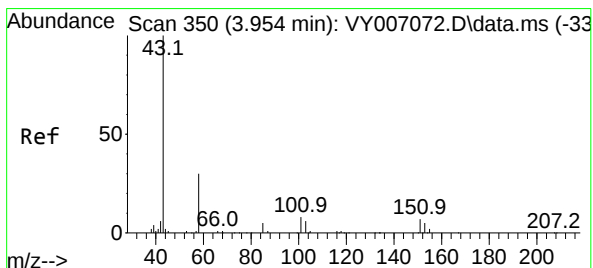
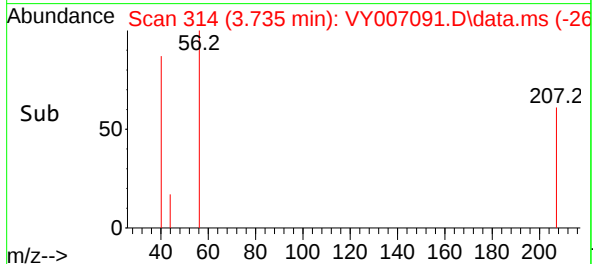
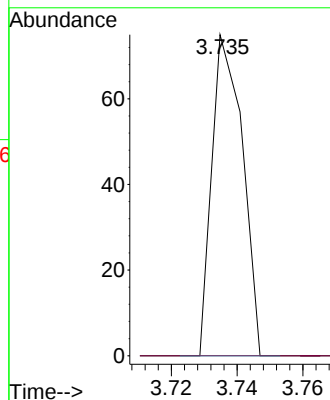


#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY007091.D
Acq: 08 Jan 2022 20:09

Instrument :
MSVOA_Y
ClientSampleId :
AMI-2

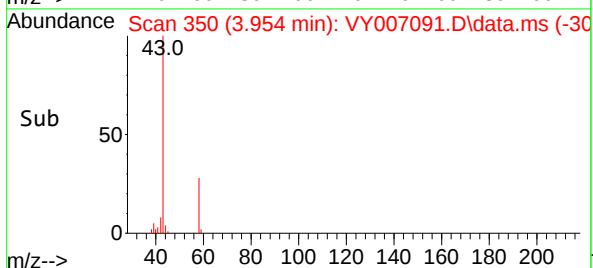
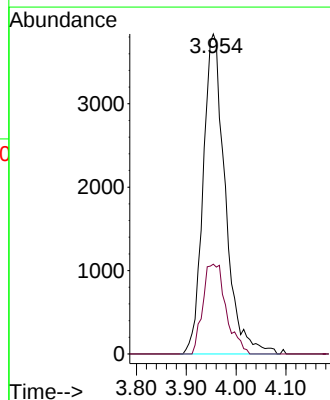
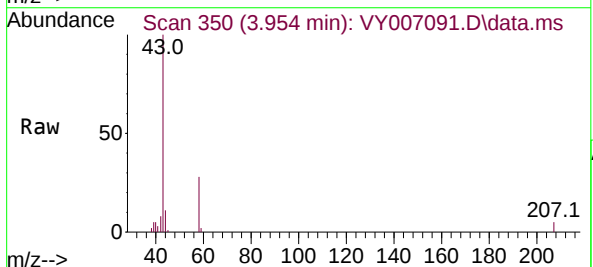


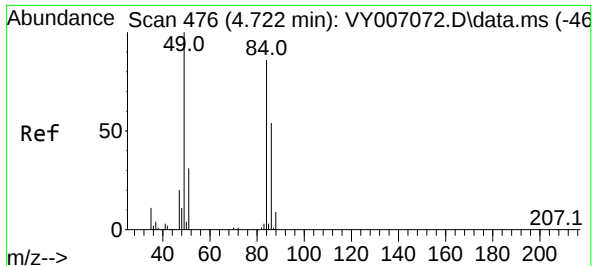
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 54.230 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY007091.D
Acq: 08 Jan 2022 20:09

Tgt Ion: 43 Resp: 11811
Ion Ratio Lower Upper
43 100
58 28.0 23.8 35.6





#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007091.D

Acq: 08 Jan 2022 20:09

Instrument :

MSVOA_Y

ClientSampleId :

AMI-2

Tgt Ion: 84 Resp: 2142

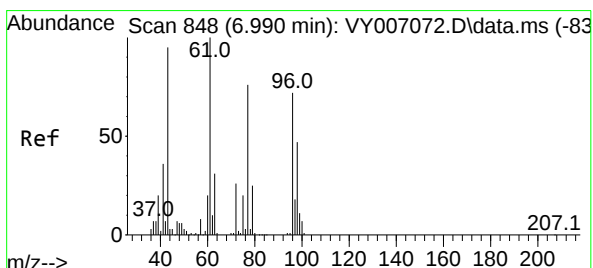
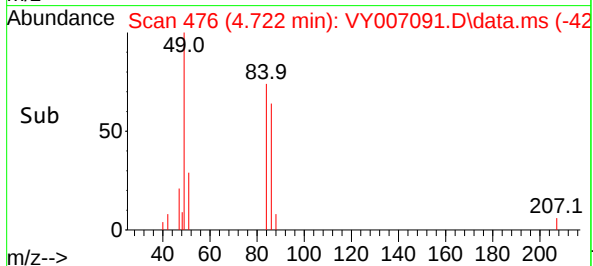
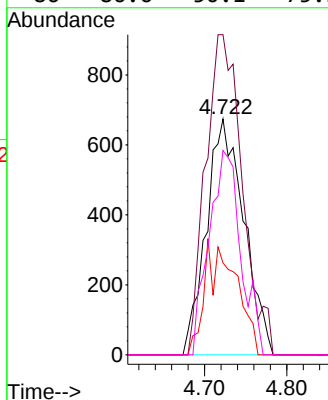
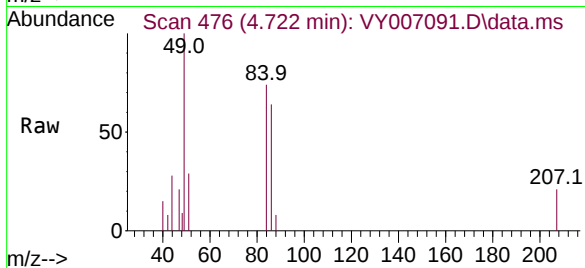
Ion Ratio Lower Upper

84 100

49 135.8 92.6 139.0

51 39.0 28.6 42.8

86 86.6 50.1 75.1#



#25

2-Butanone

Concen: 6.231 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY007091.D

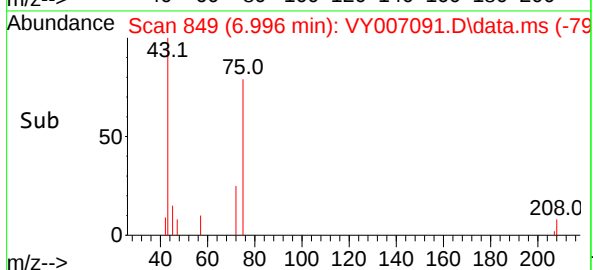
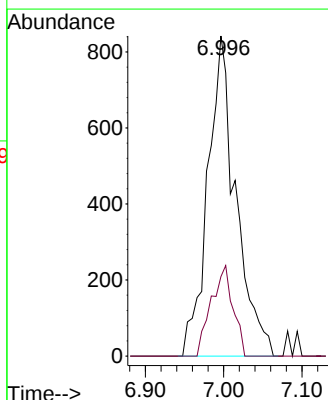
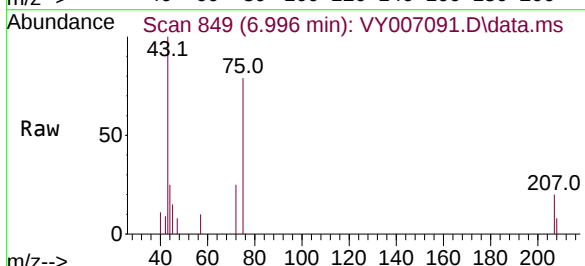
Acq: 08 Jan 2022 20:09

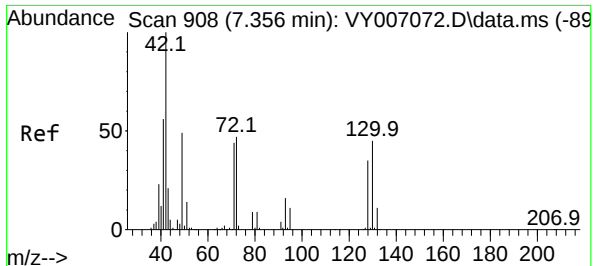
Tgt Ion: 43 Resp: 2097

Ion Ratio Lower Upper

43 100

72 24.8 21.9 32.9





#29

Tetrahydrofuran

Concen: 1.228 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY007091.D

Acq: 08 Jan 2022 20:09

Instrument :

MSVOA_Y

ClientSampleId :

AMI-2

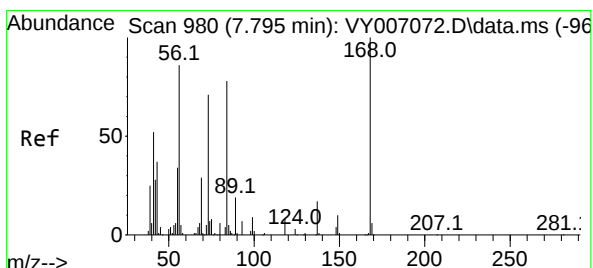
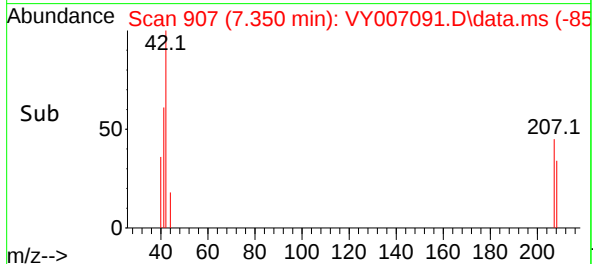
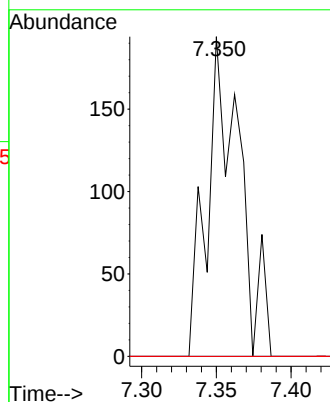
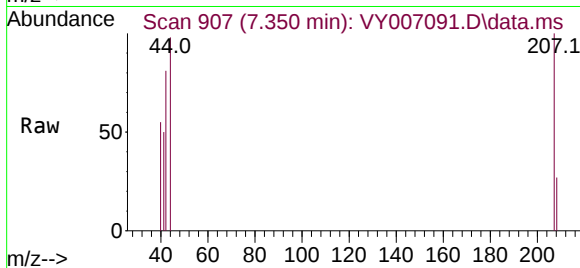
Tgt Ion: 42 Resp: 296

Ion Ratio Lower Upper

42 100

72 0.0 36.6 54.8#

71 0.0 34.1 51.1#



#31

Cyclohexane

Concen: 1.077 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY007091.D

Acq: 08 Jan 2022 20:09

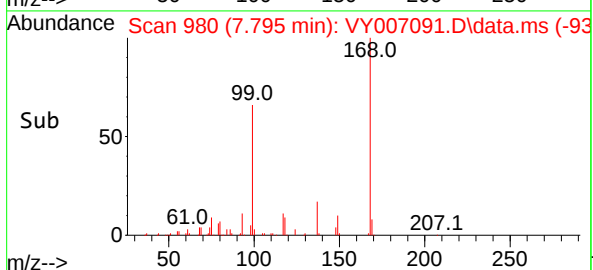
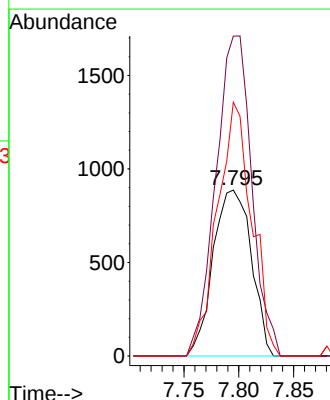
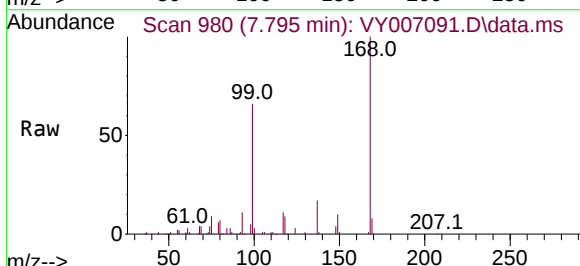
Tgt Ion: 56 Resp: 2152

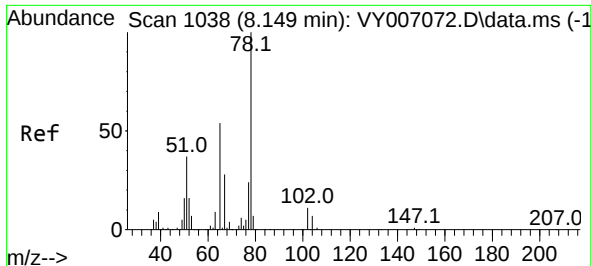
Ion Ratio Lower Upper

56 100

69 192.8 27.2 40.8#

84 153.0 72.1 108.1#

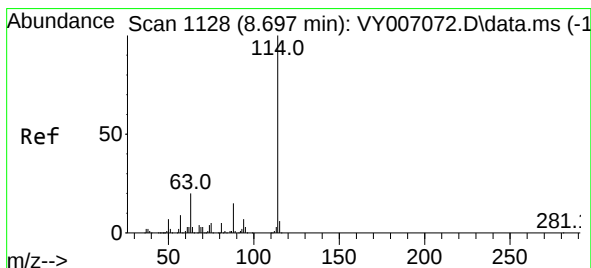
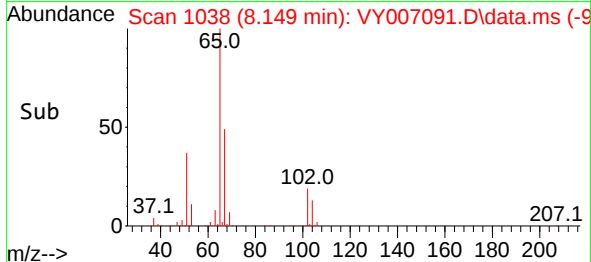
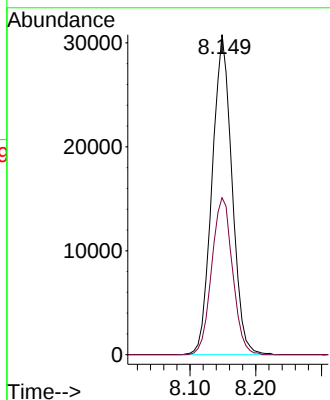
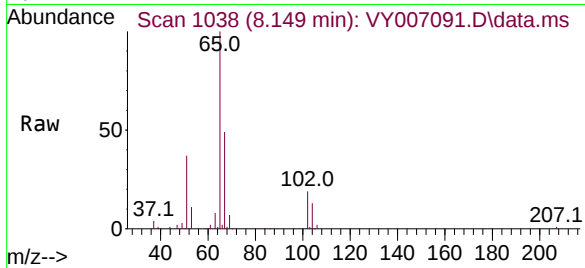




#33
 1,2-Dichloroethane-d4
 Concen: 55.917 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY007091.D
 Acq: 08 Jan 2022 20:09

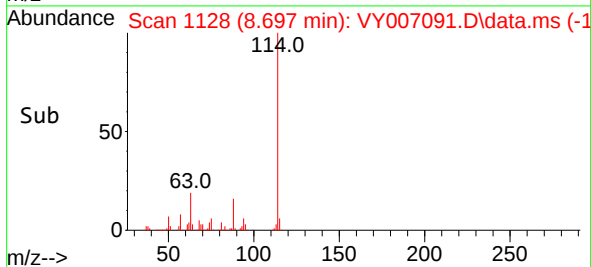
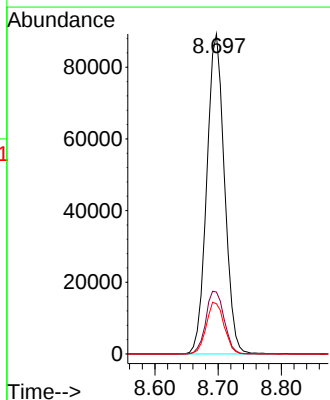
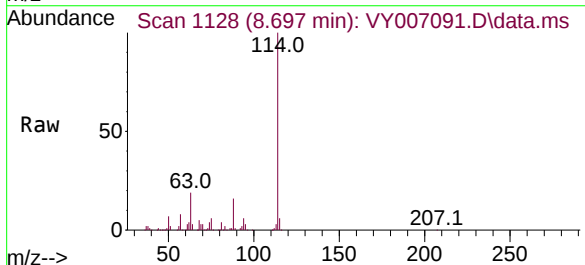
Instrument :
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 AMI-2

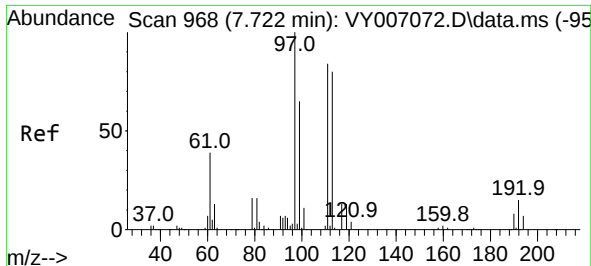
Tgt Ion: 65 Resp: 64911
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY007091.D
 Acq: 08 Jan 2022 20:09

Tgt Ion: 114 Resp: 173465
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.7 0.0 31.0

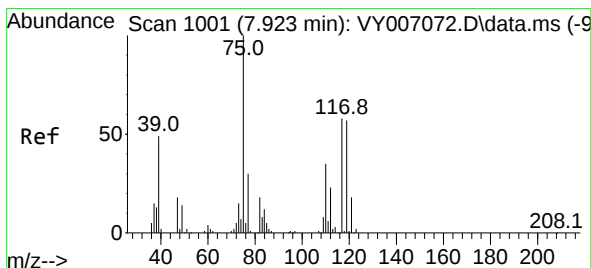
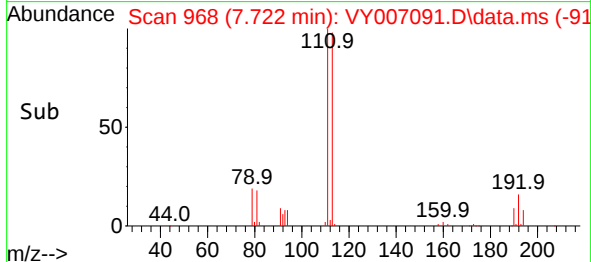
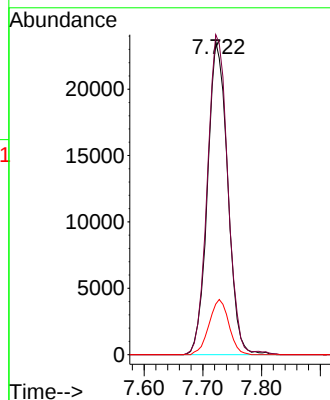
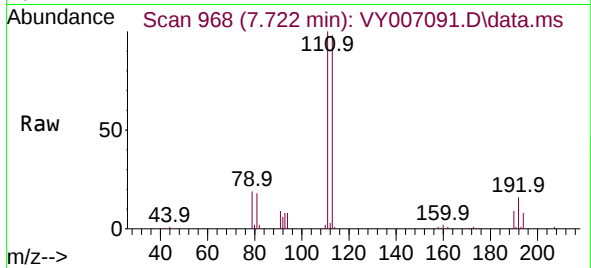




#35
Dibromofluoromethane
Concen: 48.490 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007091.D
Acq: 08 Jan 2022 20:09

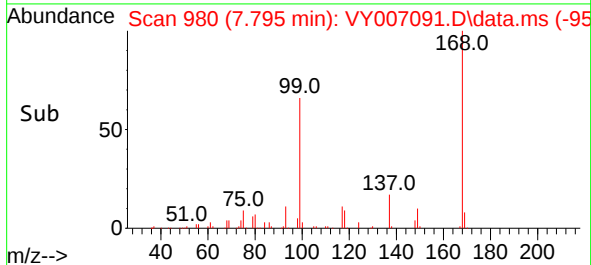
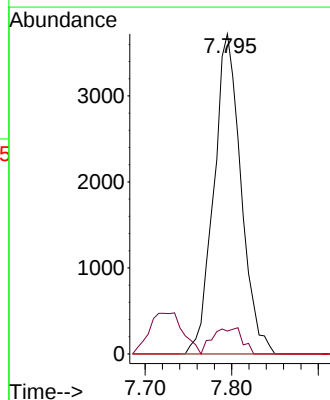
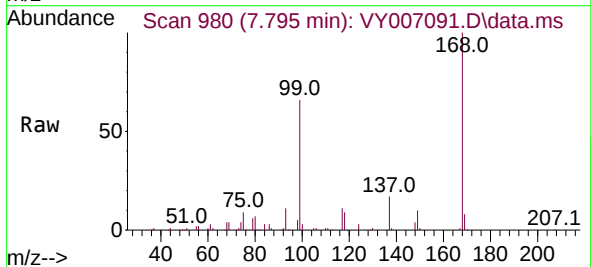
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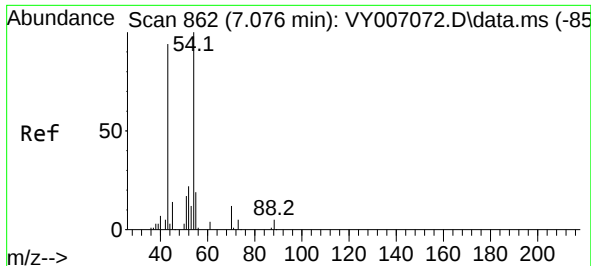
Tgt Ion:113 Resp: 56059
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 17.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.421 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007091.D
Acq: 08 Jan 2022 20:09

Tgt Ion: 75 Resp: 8099
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 2.339 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.079 min

Lab File: VY007091.D

Acq: 08 Jan 2022 20:09

Instrument :

MSVOA_Y

ClientSampleId :

AMI-2

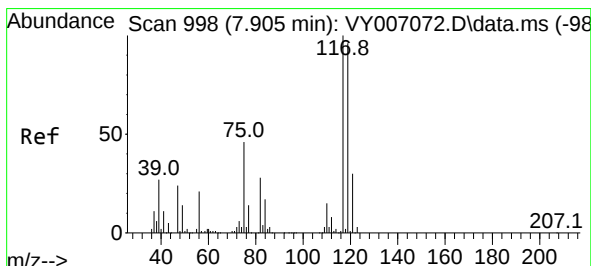
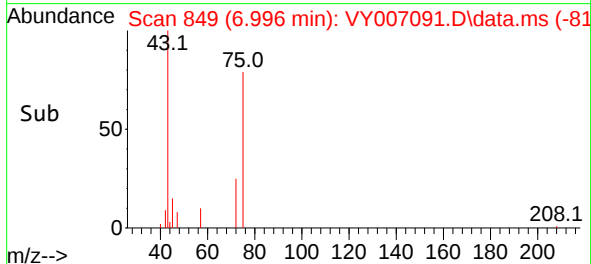
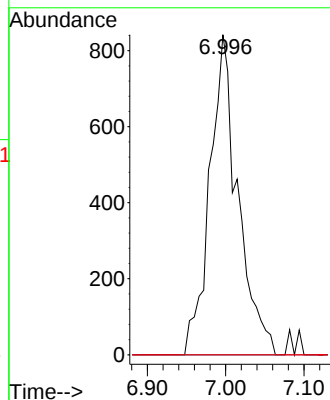
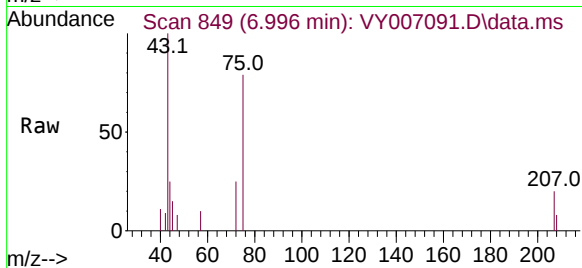
Tgt Ion: 43 Resp: 2097

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.8#

70 0.0 9.0 13.4#



#38

Carbon Tetrachloride

Concen: 5.525 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY007091.D

Acq: 08 Jan 2022 20:09

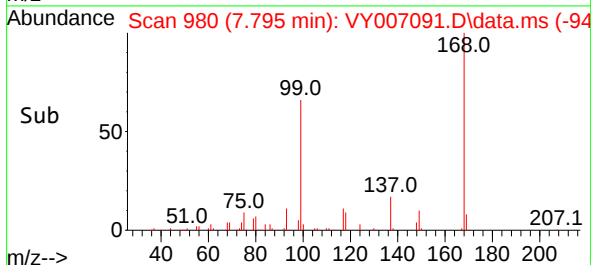
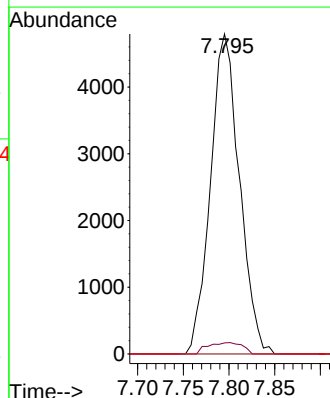
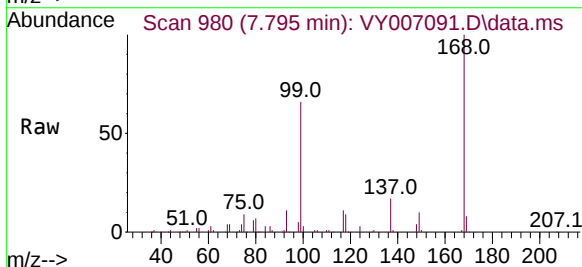
Tgt Ion: 117 Resp: 10576

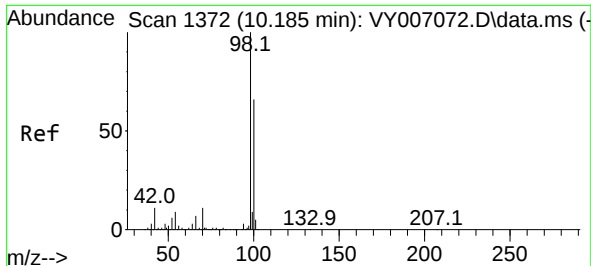
Ion Ratio Lower Upper

117 100

119 3.5 77.2 115.8#

121 0.0 24.2 36.2#

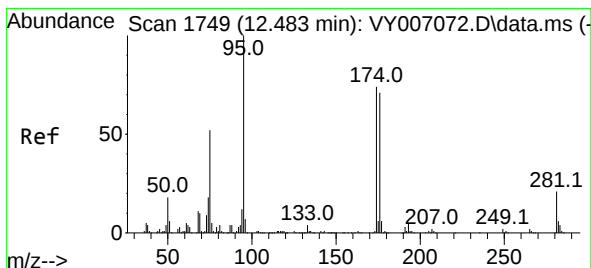
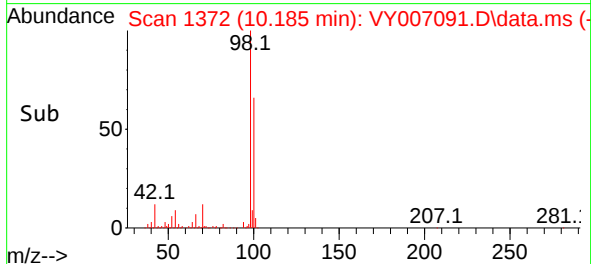
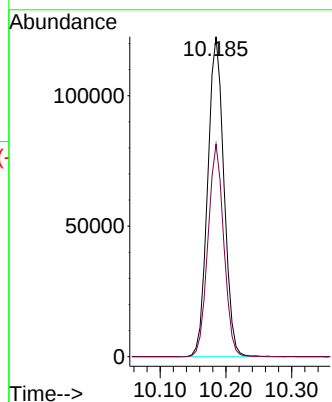
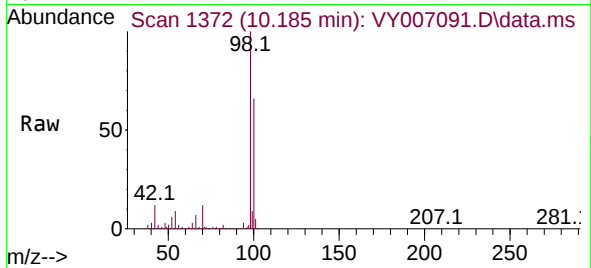




#50
Toluene-d8
Concen: 49.225 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007091.D
Acq: 08 Jan 2022 20:09

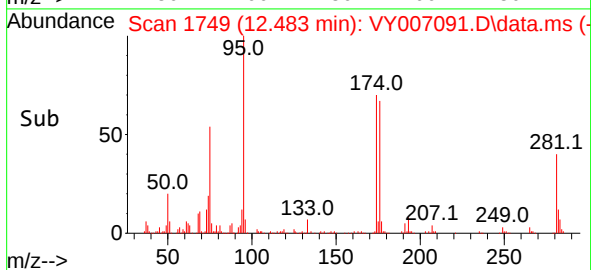
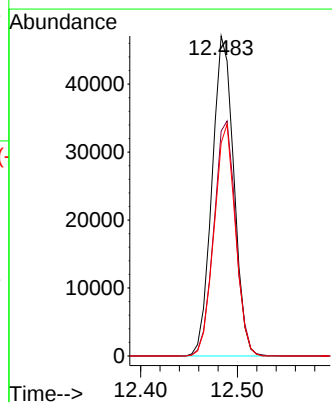
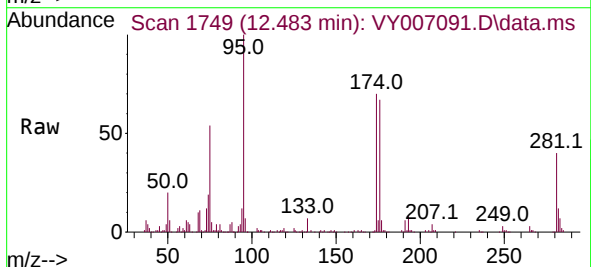
Instrument :
MSVOA_Y
ClientSampleId :
AMI-2

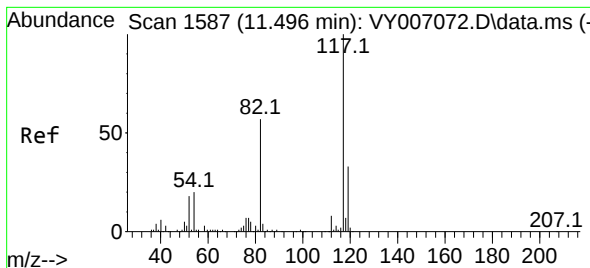
Tgt Ion: 98 Resp: 210209
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.798 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007091.D
Acq: 08 Jan 2022 20:09

Tgt Ion: 95 Resp: 73615
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.4
176 70.9 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007091.D

Acq: 08 Jan 2022 20:09

Instrument :

MSVOA_Y

ClientSampleId :

AMI-2

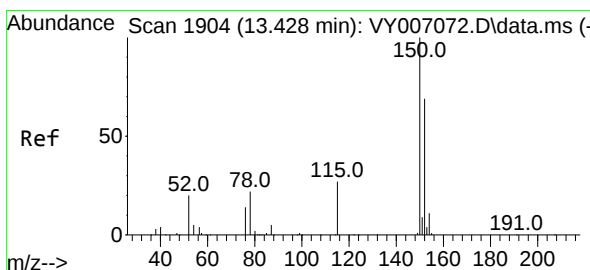
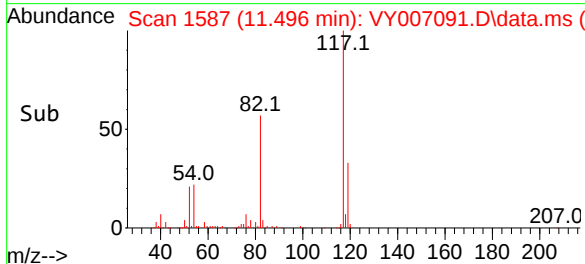
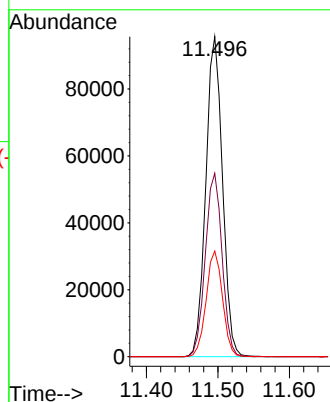
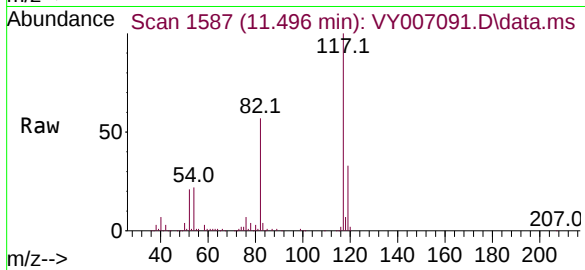
Tgt Ion:117 Resp: 154971

Ion Ratio Lower Upper

117 100

82 57.3 45.4 68.0

119 33.0 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: VY007091.D

Acq: 08 Jan 2022 20:09

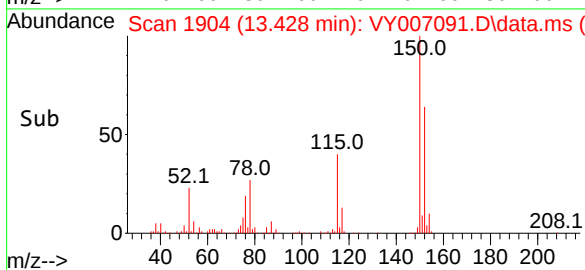
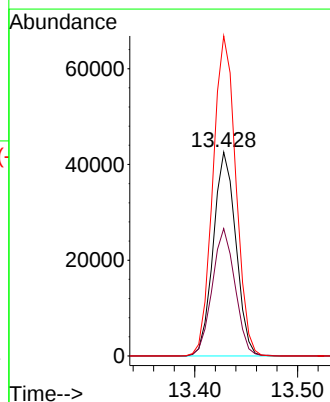
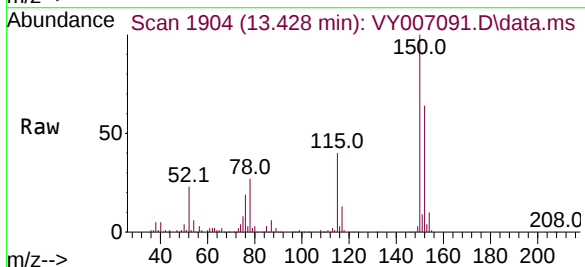
Tgt Ion:152 Resp: 64685

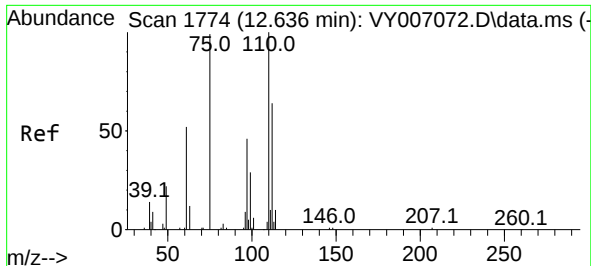
Ion Ratio Lower Upper

152 100

115 63.3 31.4 94.0

150 159.8 0.0 348.4

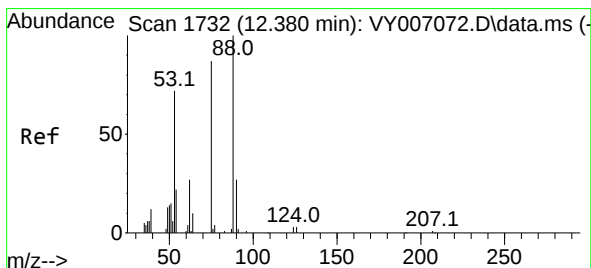
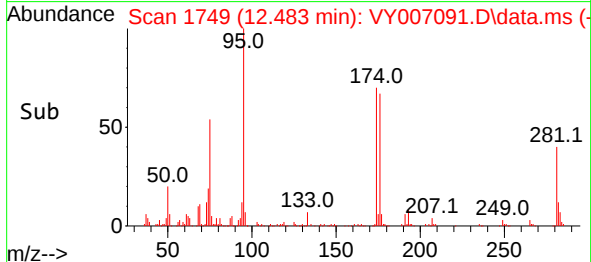
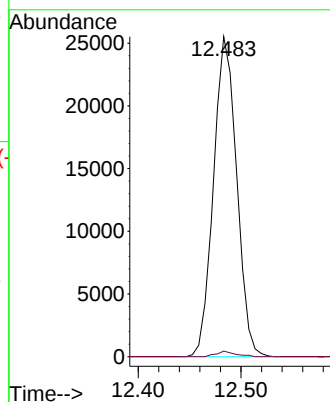
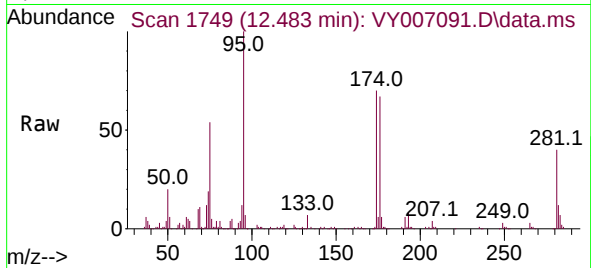




#76
1,2,3-Trichloropropane
Concen: 54.130 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007091.D
Acq: 08 Jan 2022 20:09

Instrument :
MSVOA_Y
ClientSampleId :
AMI-2

Tgt Ion: 75 Resp: 39961
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.670 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007091.D
Acq: 08 Jan 2022 20:09

Tgt Ion: 75 Resp: 39961
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 1.5 0.0 0.0#

