

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011022\
 Data File : VY007101.D
 Acq On : 10 Jan 2022 13:36
 Operator : SY/MD
 Sample : N1065-24
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-6

Quant Time: Jan 11 02:42:03 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)

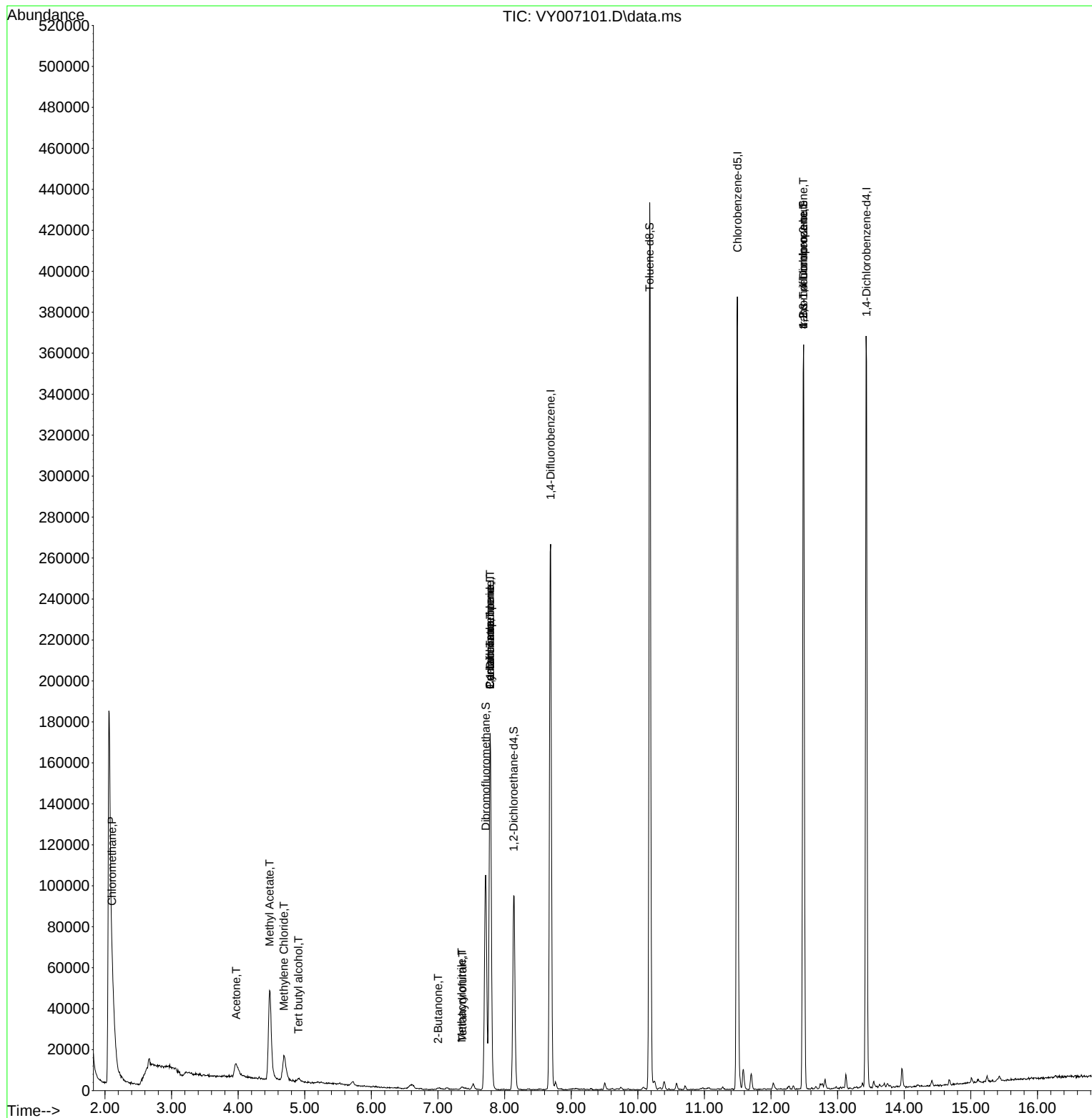
Internal Standards						
1) Pentafluorobenzene	7.783	168	131003	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	239868	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	215260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	91797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77095	49.192	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.380%		
35) Dibromofluoromethane	7.716	113	77644	48.568	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.140%		
50) Toluene-d8	10.179	98	290043	49.117	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.240%		
62) 4-Bromofluorobenzene	12.483	95	103098	48.410	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.820%		
Target Compounds					Qvalue	
3) Chloromethane	2.107	50	2287	2.412	ug/l	100
11) Tert butyl alcohol	4.905	59	1524	12.196	ug/l #	95
13) Acrolein	3.723	56	59	Below Cal	#	69
16) Acetone	3.972	43	18398	62.570	ug/l	97
18) Methyl Acetate	4.472	43	88728	65.784	ug/l	99
20) Methylene Chloride	4.686	84	9861	2.692	ug/l	97
25) 2-Butanone	7.002	43	2405	5.293	ug/l	97
29) Tetrahydrofuran	7.368	42	875	2.689	ug/l #	63
31) Cyclohexane	7.783	56	2960	1.097	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	11529	4.551	ug/l #	49
38) Carbon Tetrachloride	7.783	117	14374	5.431	ug/l #	16
41) Methacrylonitrile	7.356	41	733	1.040	ug/l #	100
76) 1,2,3-Trichloropropane	12.483	75	54666	52.179	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54666	98.005	ug/l #	3

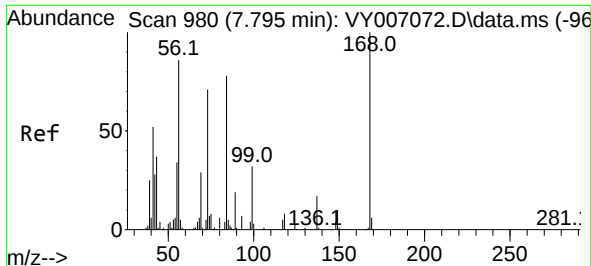
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011022\
Data File : VY007101.D
Acq On : 10 Jan 2022 13:36
Operator : SY/MD
Sample : N1065-24
Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AMI-6

Quant Time: Jan 11 02:42:03 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

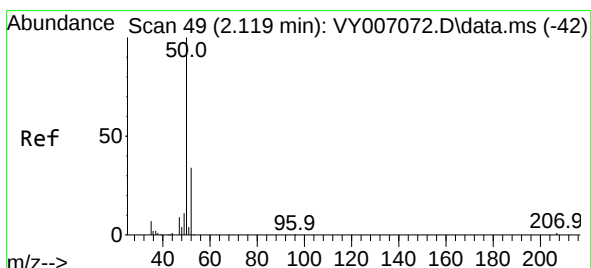
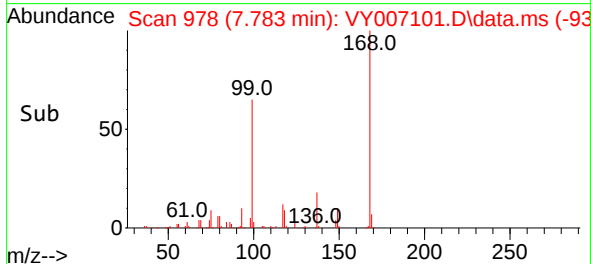
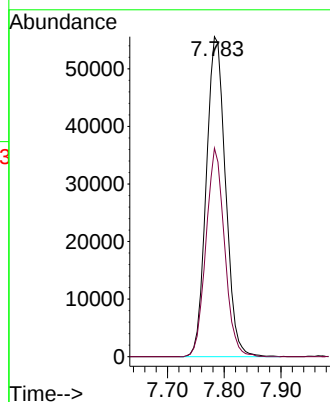
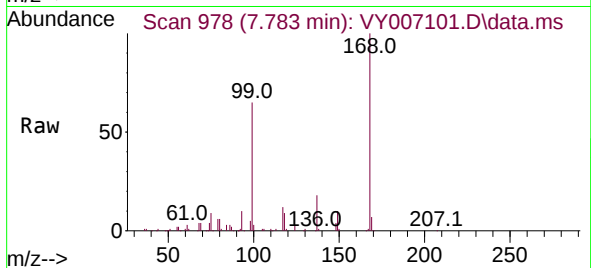




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY007101.D
Acq: 10 Jan 2022 13:36

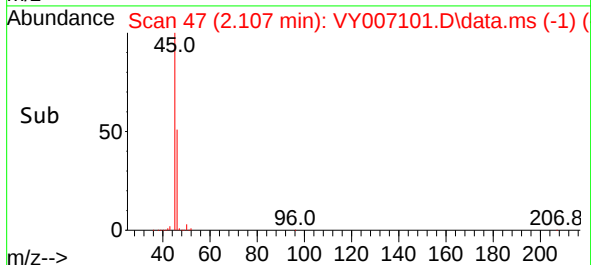
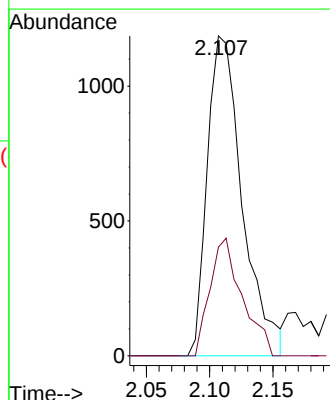
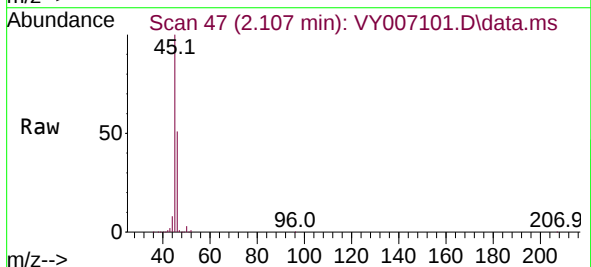
Instrument :
MSVOA_Y
ClientSampleId :
AMI-6

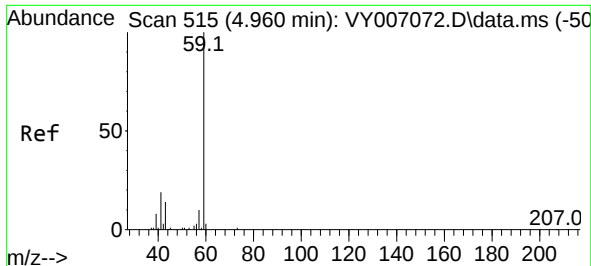
Tgt Ion:168 Resp: 131003
Ion Ratio Lower Upper
168 100
99 65.1 49.1 73.7



#3
Chloromethane
Concen: 2.412 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.012 min
Lab File: VY007101.D
Acq: 10 Jan 2022 13:36

Tgt Ion: 50 Resp: 2287
Ion Ratio Lower Upper
50 100
52 34.0 27.1 40.7

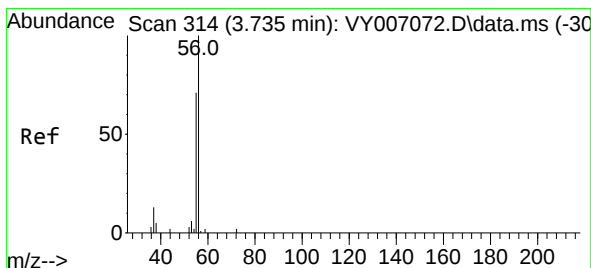
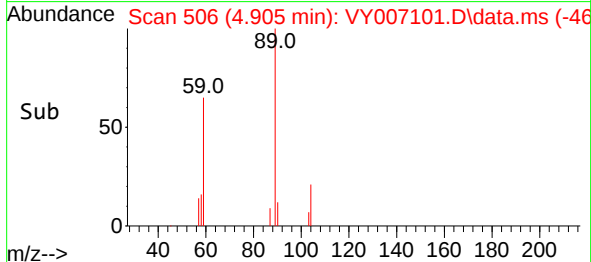
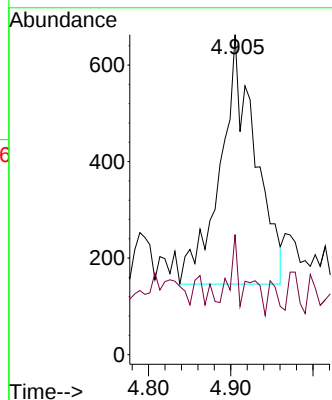
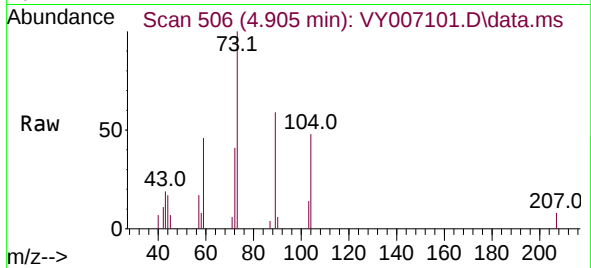




#11
Tert butyl alcohol
Concen: 12.196 ug/l
RT: 4.905 min Scan# 50
Delta R.T. -0.055 min
Lab File: VY007101.D
Acq: 10 Jan 2022 13:36

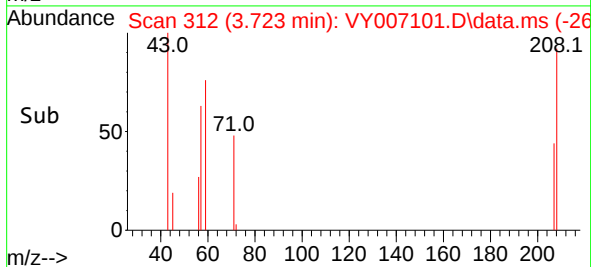
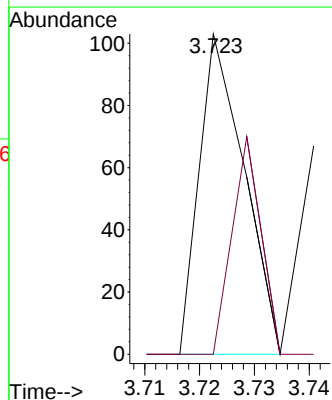
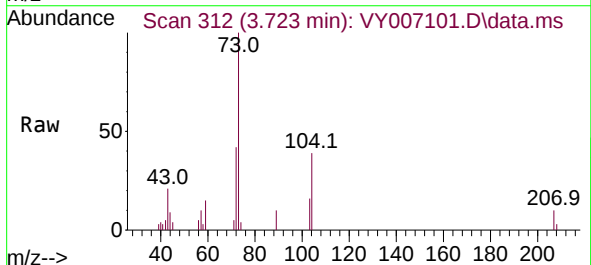
Instrument :
MSVOA_Y
ClientSampleId :
AMI-6

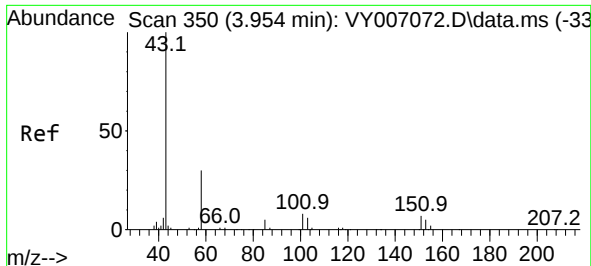
Tgt Ion: 59 Resp: 1524
Ion Ratio Lower Upper
59 100
57 8.1 8.1 12.1#



#13
Acrolein
Concen: Below Cal
RT: 3.723 min Scan# 312
Delta R.T. -0.012 min
Lab File: VY007101.D
Acq: 10 Jan 2022 13:36

Tgt Ion: 56 Resp: 59
Ion Ratio Lower Upper
56 100
55 44.1 55.7 83.5#

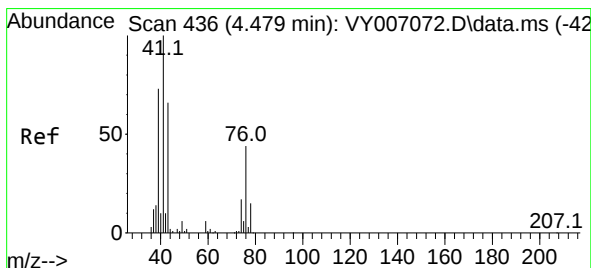
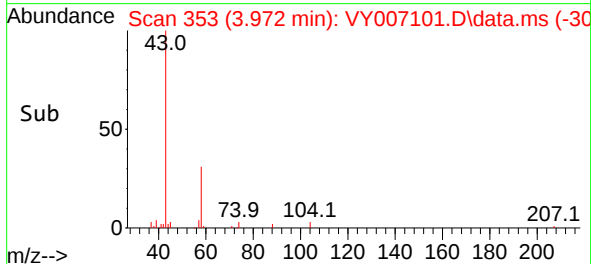
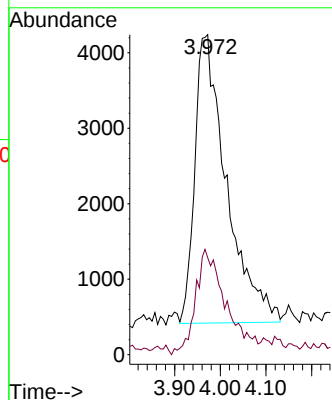
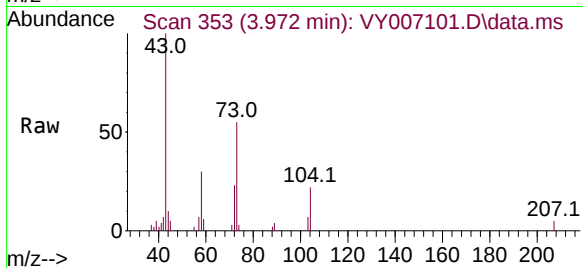




#16
Acetone
Concen: 62.570 ug/l
RT: 3.972 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY007101.D
Acq: 10 Jan 2022 13:36

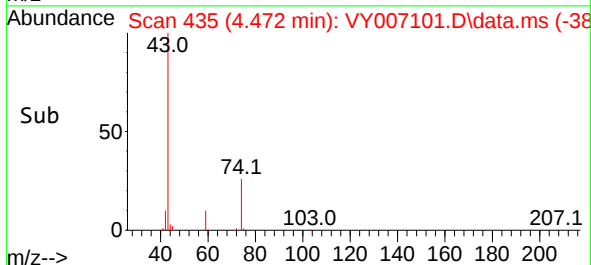
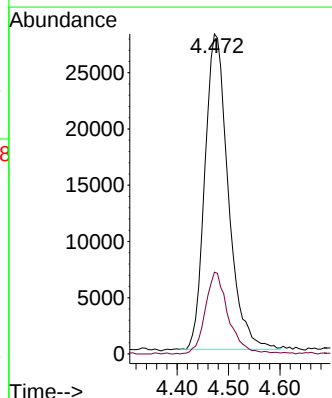
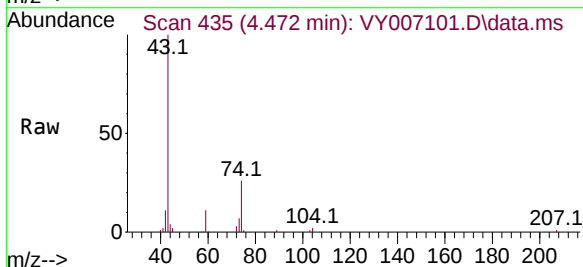
Instrument :
MSVOA_Y
ClientSampleId :
AMI-6

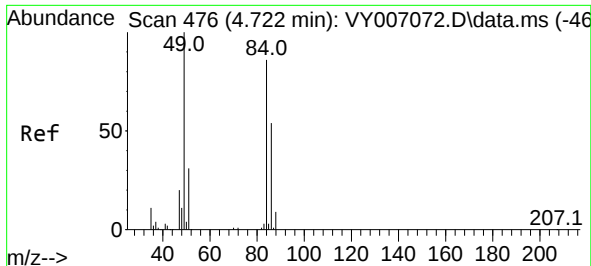
Tgt Ion: 43 Resp: 18398
Ion Ratio Lower Upper
43 100
58 31.5 23.8 35.6



#18
Methyl Acetate
Concen: 65.784 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY007101.D
Acq: 10 Jan 2022 13:36

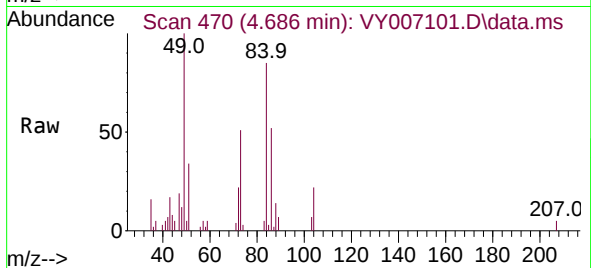
Tgt Ion: 43 Resp: 88728
Ion Ratio Lower Upper
43 100
74 25.8 20.9 31.3



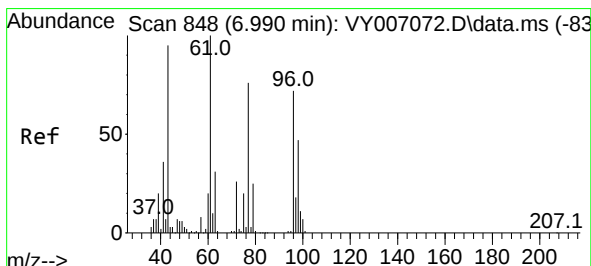
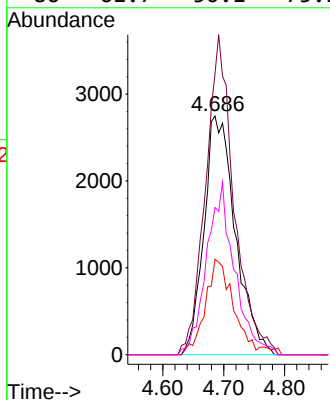
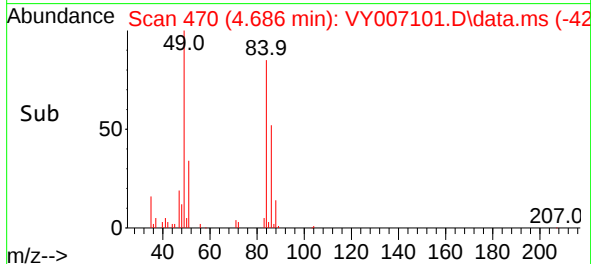


#20
Methylene Chloride
Concen: 2.692 ug/l
RT: 4.686 min Scan# 41
Delta R.T. -0.036 min
Lab File: VY007101.D
Acq: 10 Jan 2022 13:36

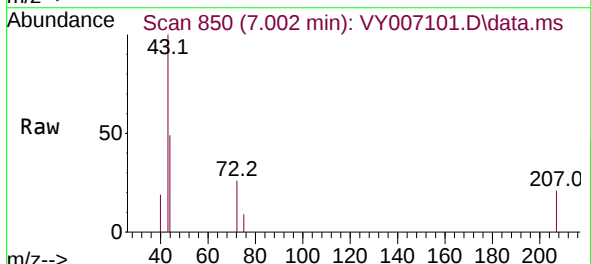
Instrument :
MSVOA_Y
ClientSampleId :
AMI-6



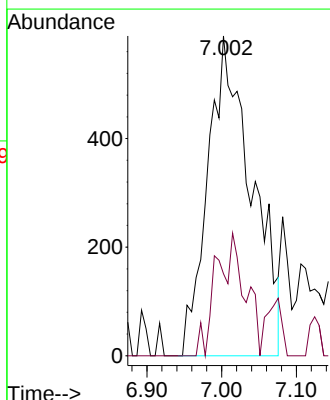
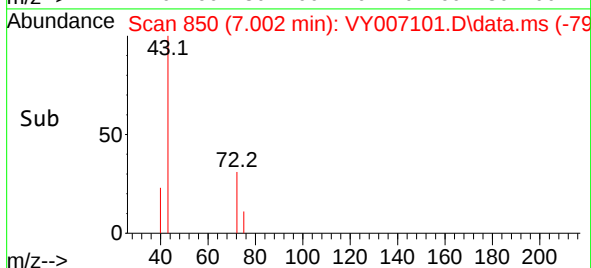
Tgt Ion:	84	Resp:	9861
Ion	Ratio	Lower	Upper
84	100		
49	117.8	92.6	139.0
51	39.9	28.6	42.8
86	61.7	50.1	75.1

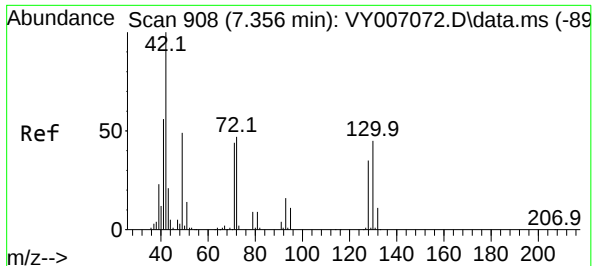


#25
2-Butanone
Concen: 5.293 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY007101.D
Acq: 10 Jan 2022 13:36



Tgt Ion:	43	Resp:	2405
Ion	Ratio	Lower	Upper
43	100		
72	25.6	21.9	32.9





#29

Tetrahydrofuran

Concen: 2.689 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY007101.D

Acq: 10 Jan 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

AMI-6

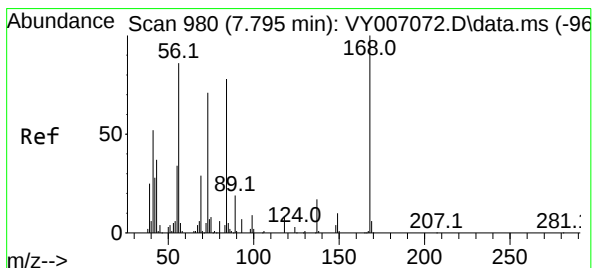
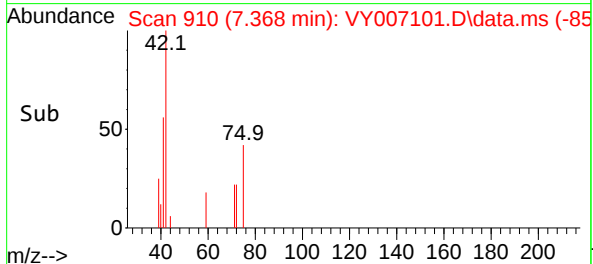
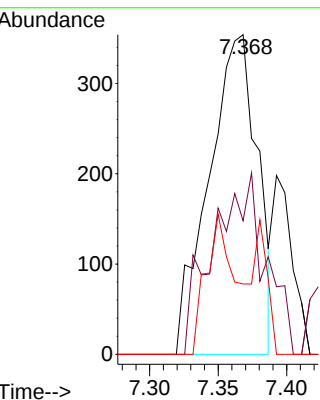
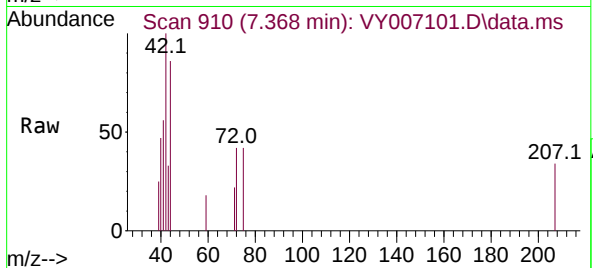
Tgt Ion: 42 Resp: 875

Ion Ratio Lower Upper

42 100

72 60.7 36.6 54.8#

71 9.7 34.1 51.1#



#31

Cyclohexane

Concen: 1.097 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.012 min

Lab File: VY007101.D

Acq: 10 Jan 2022 13:36

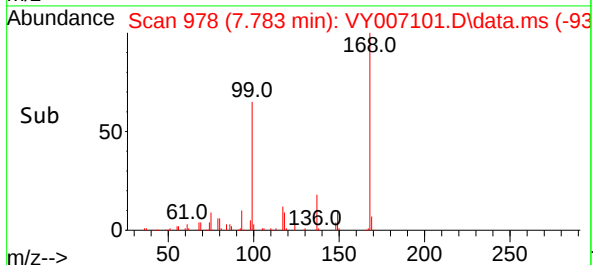
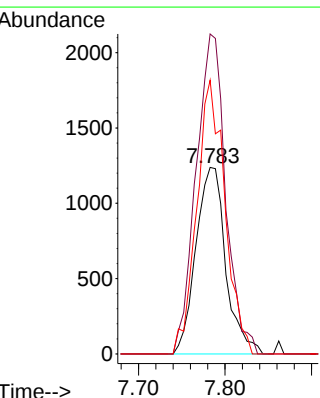
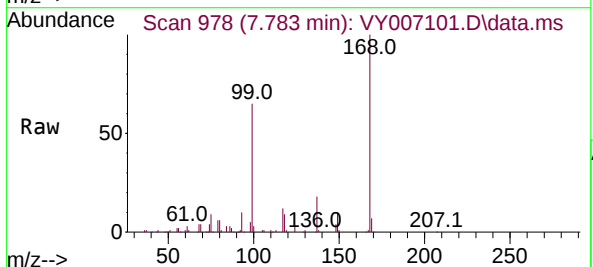
Tgt Ion: 56 Resp: 2960

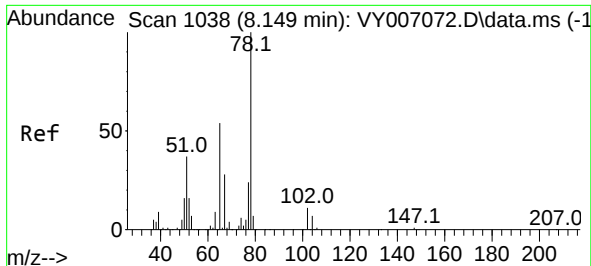
Ion Ratio Lower Upper

56 100

69 171.6 27.2 40.8#

84 146.8 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 49.192 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY007101.D

Acq: 10 Jan 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

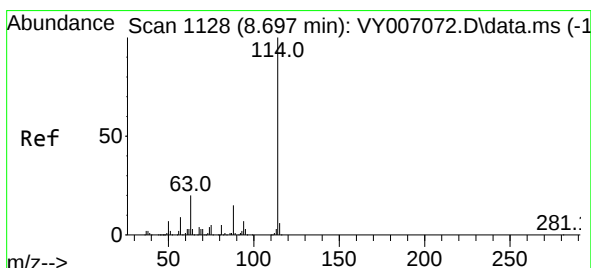
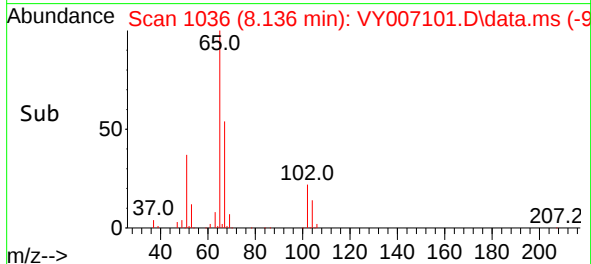
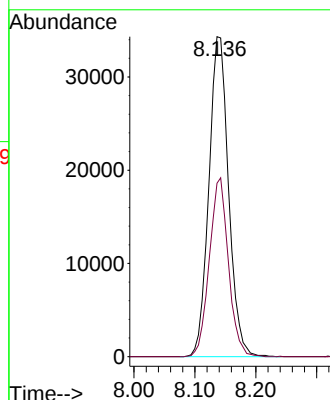
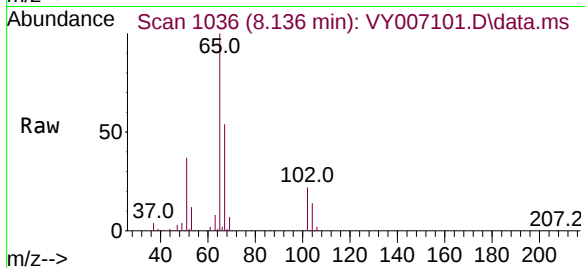
AMI-6

Tgt Ion: 65 Resp: 77095

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007101.D

Acq: 10 Jan 2022 13:36

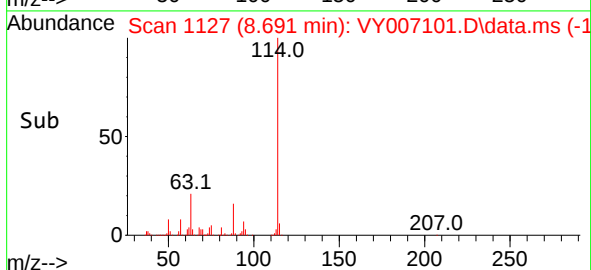
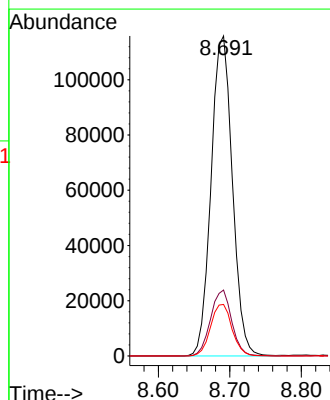
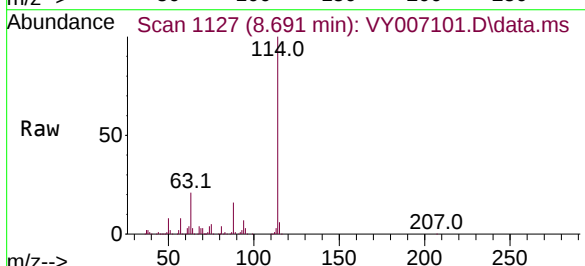
Tgt Ion: 114 Resp: 239868

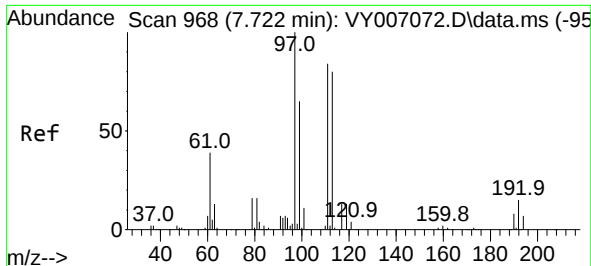
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

88 16.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.568 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY007101.D

Acq: 10 Jan 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

AMI-6

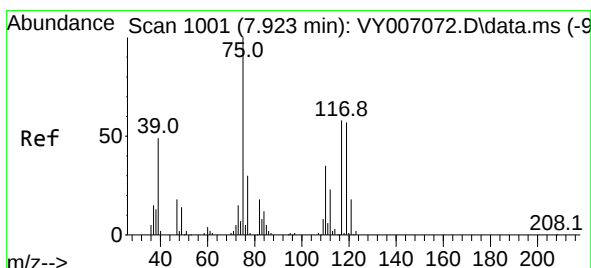
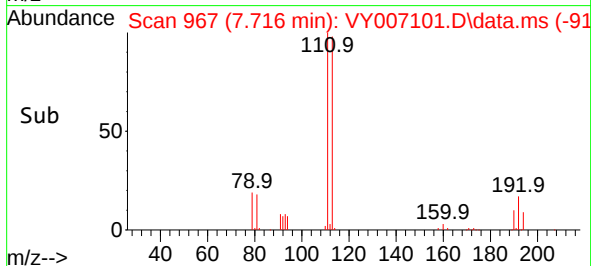
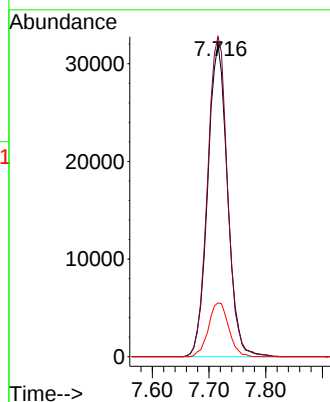
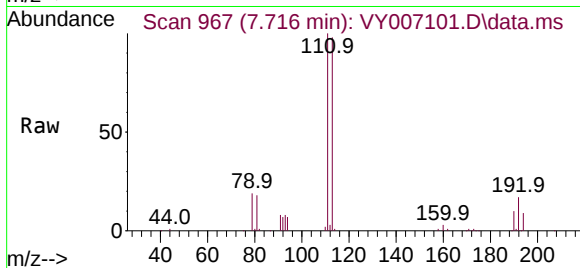
Tgt Ion:113 Resp: 77644

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 17.6 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.551 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.140 min

Lab File: VY007101.D

Acq: 10 Jan 2022 13:36

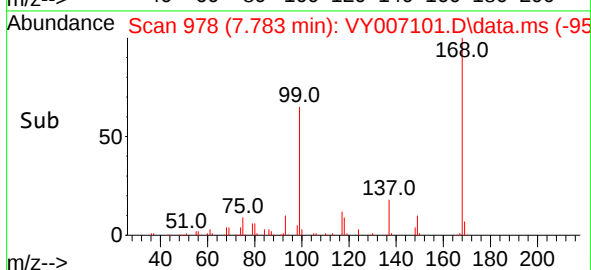
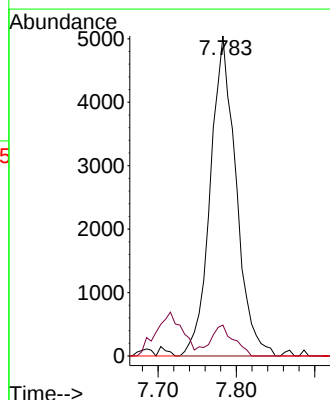
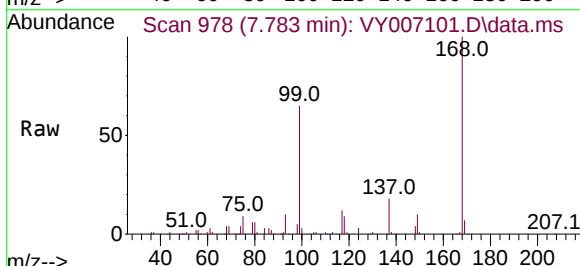
Tgt Ion: 75 Resp: 11529

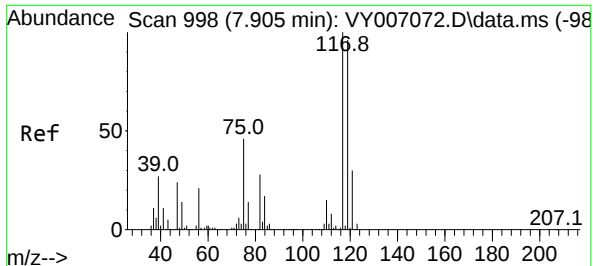
Ion Ratio Lower Upper

75 100

110 8.0 17.3 51.9#

77 0.0 24.7 37.1#

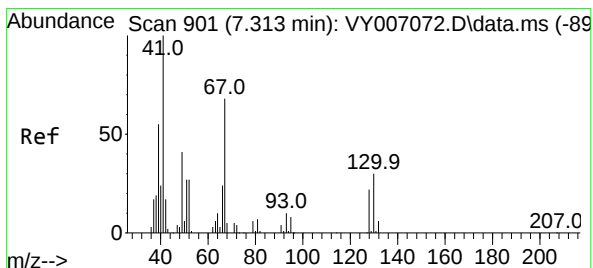
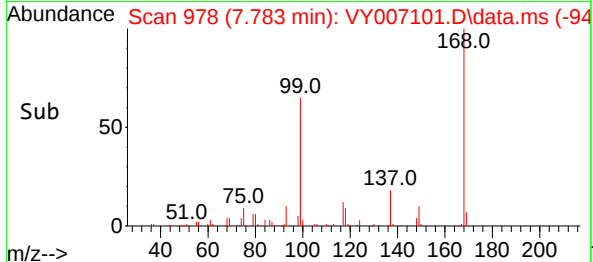
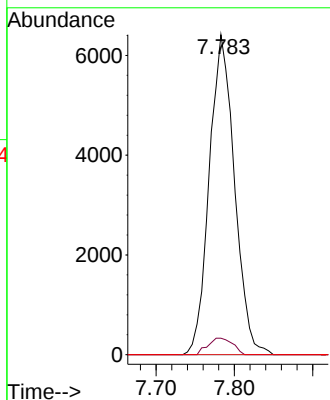
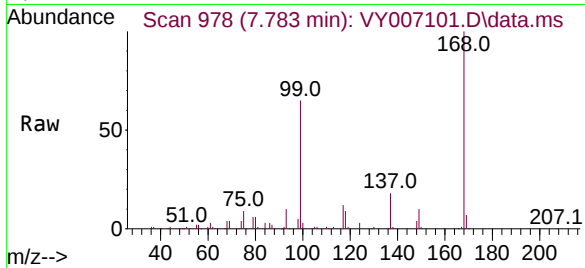




#38
Carbon Tetrachloride
Concen: 5.431 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.122 min
Lab File: VY007101.D
Acq: 10 Jan 2022 13:36

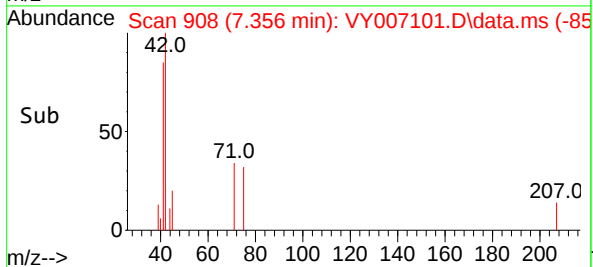
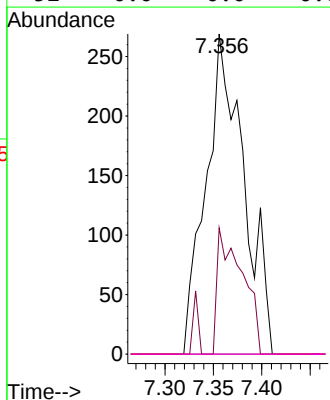
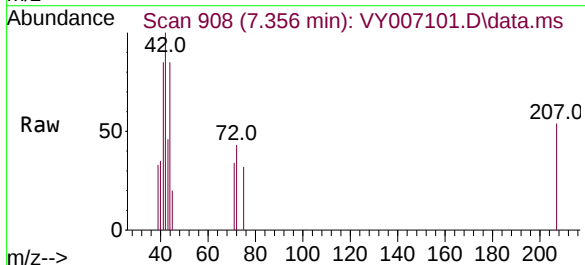
Instrument :
MSVOA_Y
ClientSampleId :
AMI-6

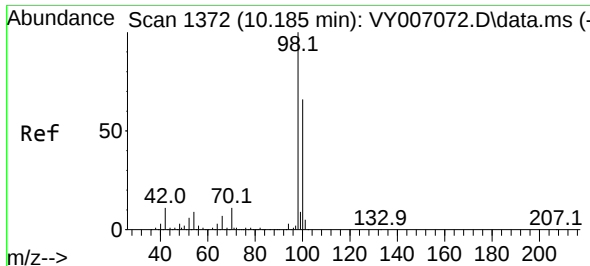
Tgt Ion:117 Resp: 14374
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 1.040 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.043 min
Lab File: VY007101.D
Acq: 10 Jan 2022 13:36

Tgt Ion: 41 Resp: 733
Ion Ratio Lower Upper
41 100
39 26.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

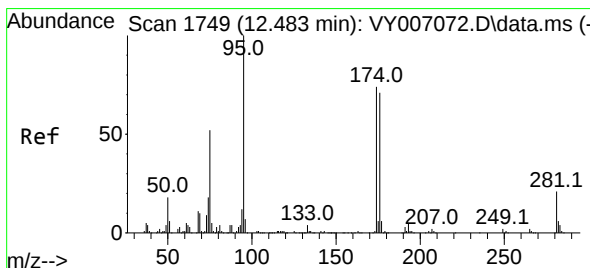
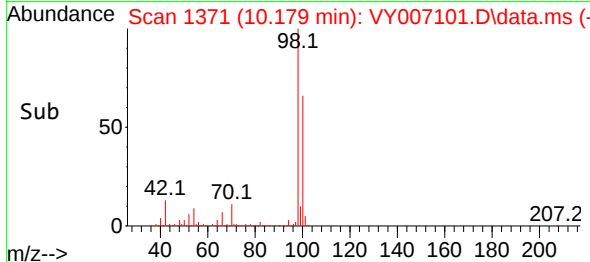
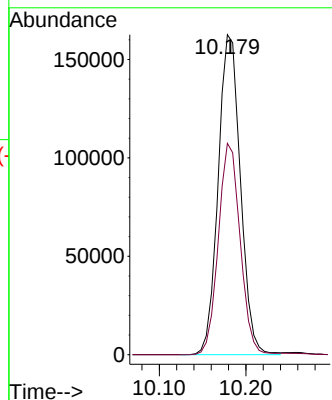
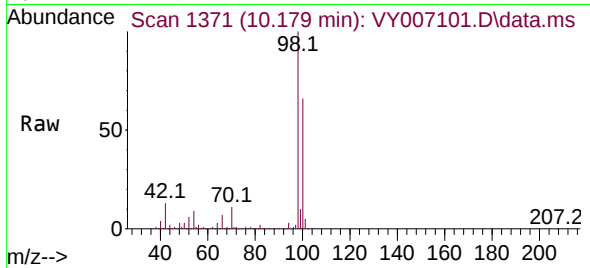




#50
Toluene-d8
Concen: 49.117 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007101.D
Acq: 10 Jan 2022 13:36

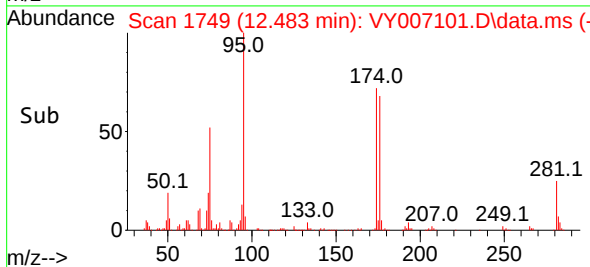
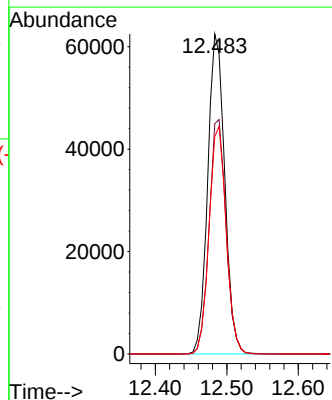
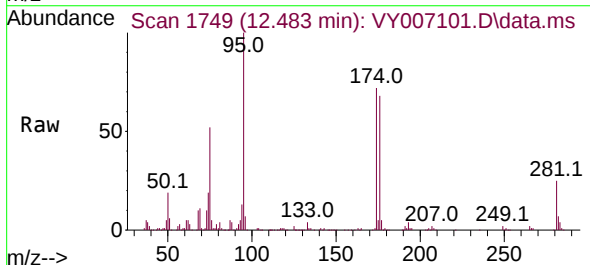
Instrument :
MSVOA_Y
ClientSampleId :
AMI-6

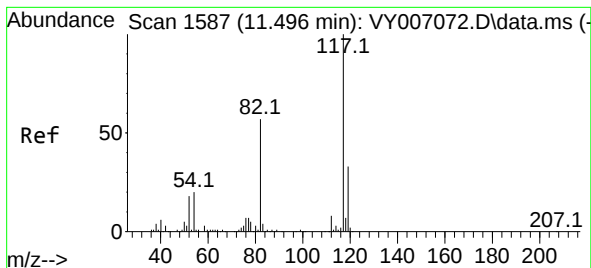
Tgt Ion: 98 Resp: 290043
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.410 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007101.D
Acq: 10 Jan 2022 13:36

Tgt Ion: 95 Resp: 103098
Ion Ratio Lower Upper
95 100
174 72.9 0.0 148.4
176 71.5 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007101.D

Acq: 10 Jan 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

AMI-6

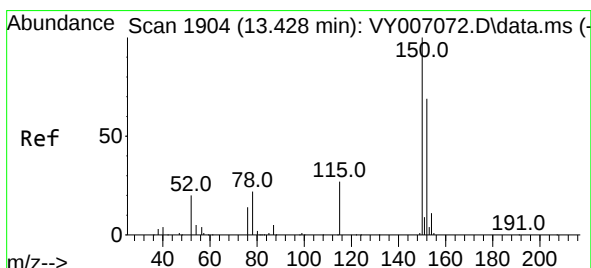
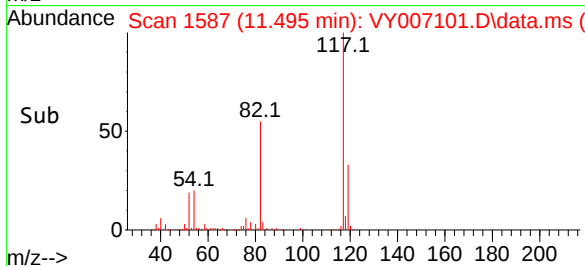
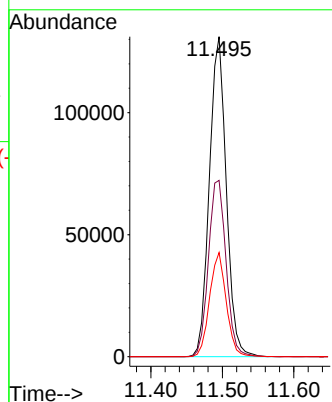
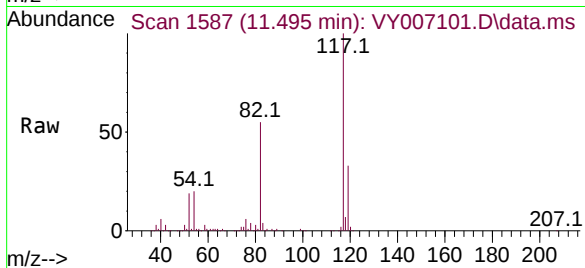
Tgt Ion:117 Resp: 215260

Ion Ratio Lower Upper

117 100

82 55.1 45.4 68.0

119 32.5 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY007101.D

Acq: 10 Jan 2022 13:36

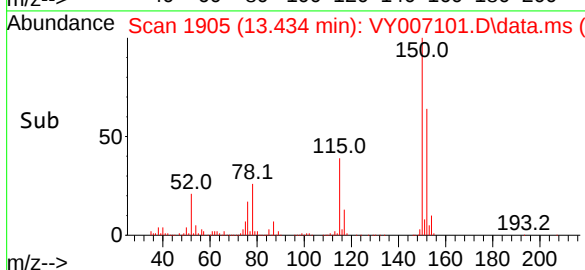
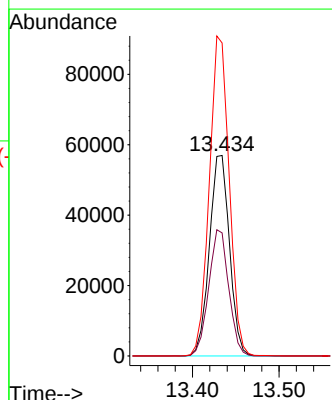
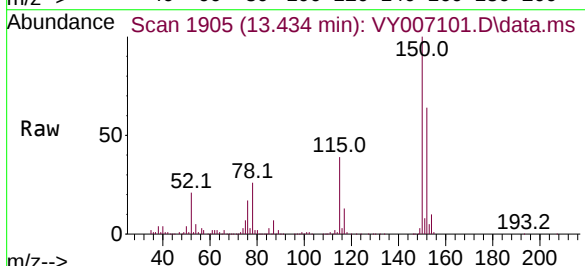
Tgt Ion:152 Resp: 91797

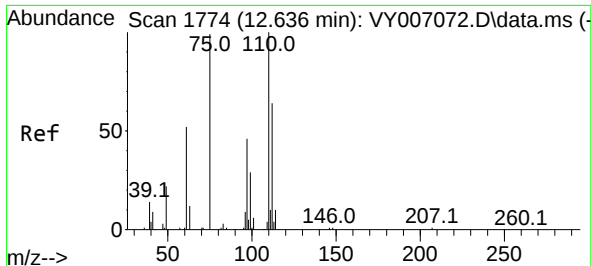
Ion Ratio Lower Upper

152 100

115 62.5 31.4 94.0

150 157.7 0.0 348.4

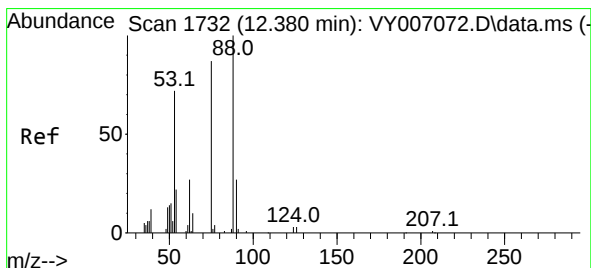
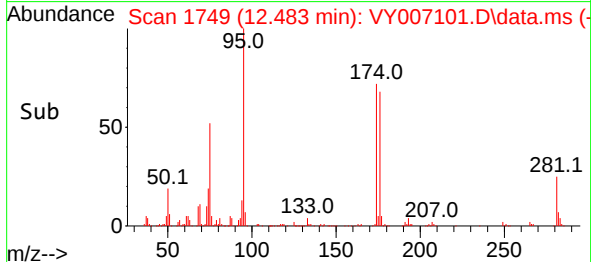
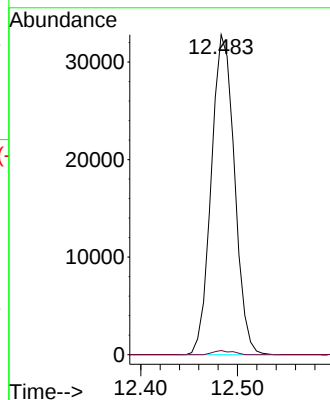
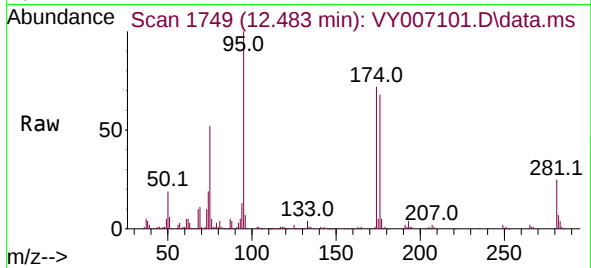




#76
1,2,3-Trichloropropane
Concen: 52.179 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007101.D
Acq: 10 Jan 2022 13:36

Instrument :
MSVOA_Y
ClientSampleId :
AMI-6

Tgt Ion: 75 Resp: 54666
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.005 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007101.D
Acq: 10 Jan 2022 13:36

Tgt Ion: 75 Resp: 54666
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.8 0.0 0.0#

