

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011022\
 Data File : VY007105.D
 Acq On : 10 Jan 2022 15:10
 Operator : SY/MD
 Sample : N1065-44
 Misc : 3.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-11

Quant Time: Jan 11 02:43:08 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)

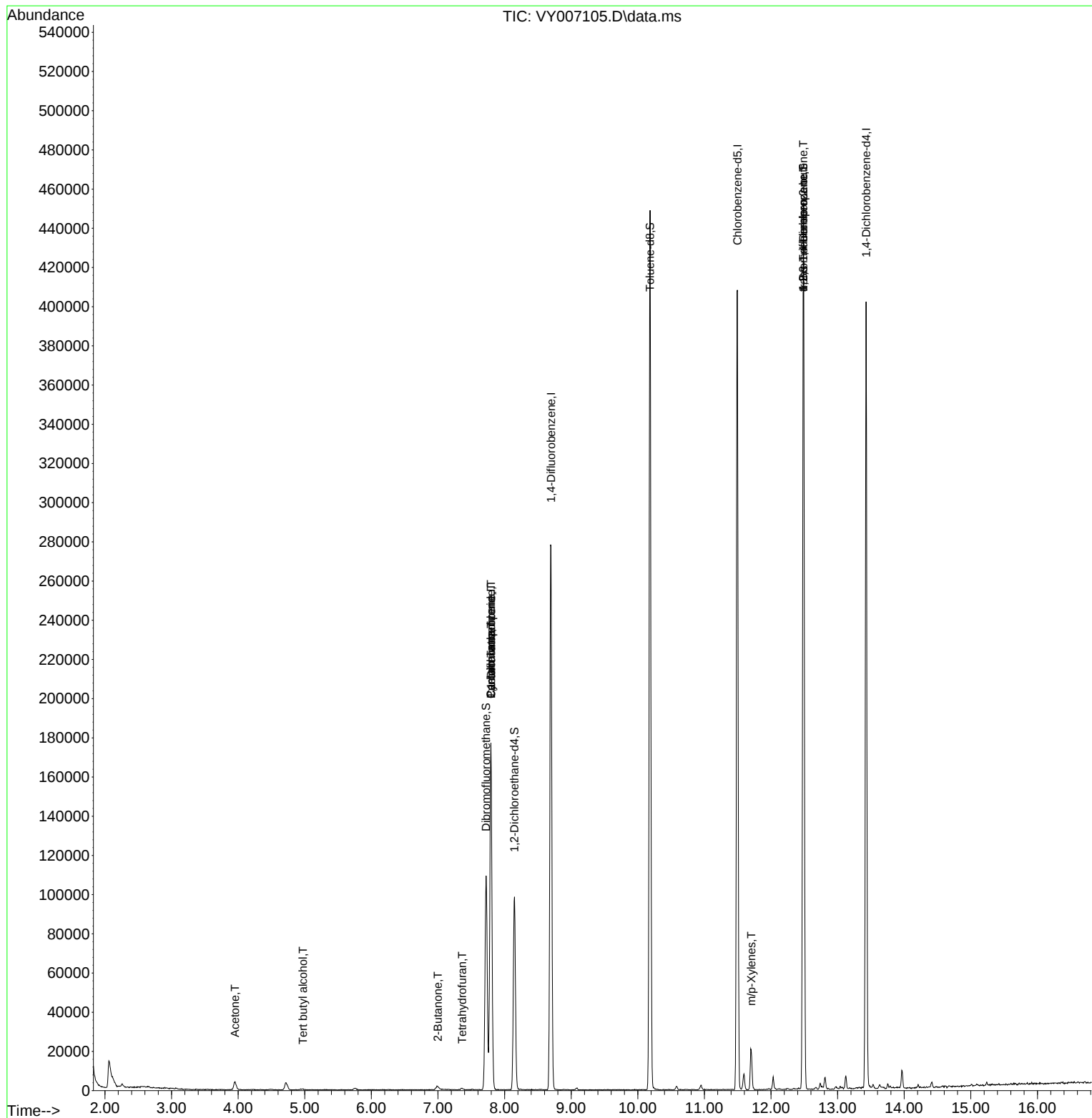
Internal Standards						
1) Pentafluorobenzene	7.795	168	129211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	238657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	225351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79669	51.539	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.080%	
35) Dibromofluoromethane	7.722	113	78859	49.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.160%	
50) Toluene-d8	10.185	98	294700	50.159	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.320%	
62) 4-Bromofluorobenzene	12.483	95	108392	51.154	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	970	7.870	ug/l #	73
13) Acrolein	3.723	56	46	Below Cal	#	15
16) Acetone	3.954	43	7181	24.760	ug/l	100
20) Methylene Chloride	4.716	84	2868	Below Cal		88
25) 2-Butanone	6.996	43	941	2.100	ug/l #	72
29) Tetrahydrofuran	7.362	42	556	1.732	ug/l #	57
31) Cyclohexane	7.795	56	2743	1.031	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10813	4.290	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14399	5.468	ug/l #	16
68) m/p-Xylenes	11.703	106	5908	1.734	ug/l	91
76) 1,2,3-Trichloropropane	12.483	75	56883	51.830	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	56883	97.350	ug/l #	3

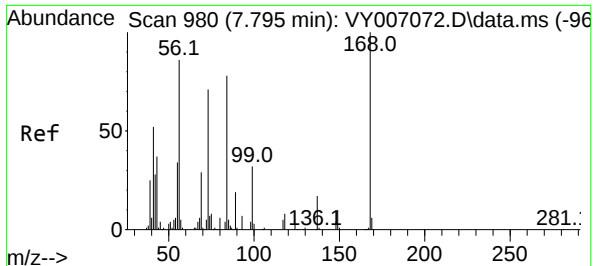
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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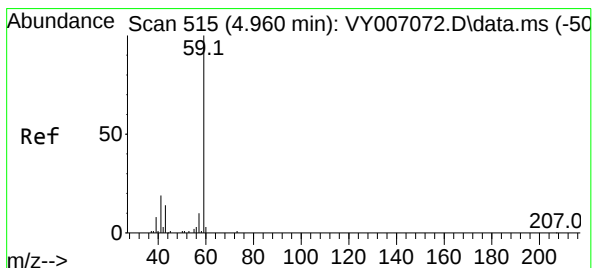
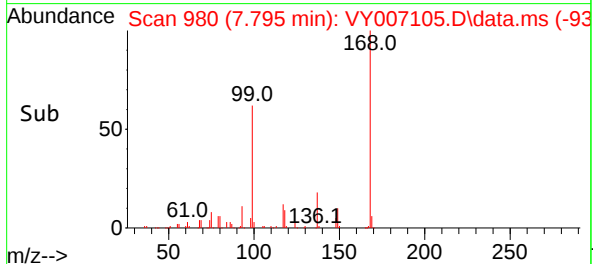
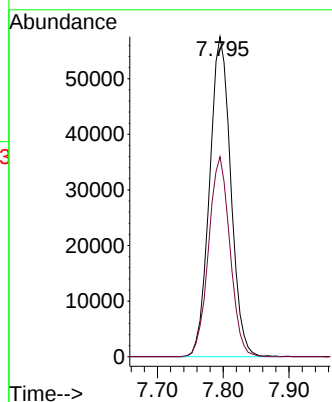
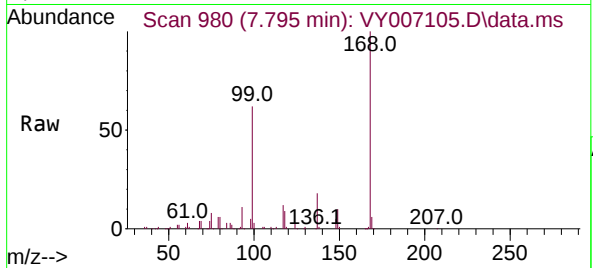




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007105.D
Acq: 10 Jan 2022 15:10

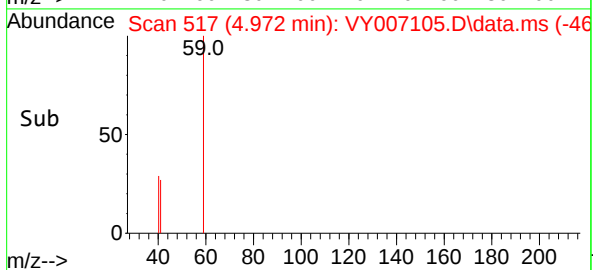
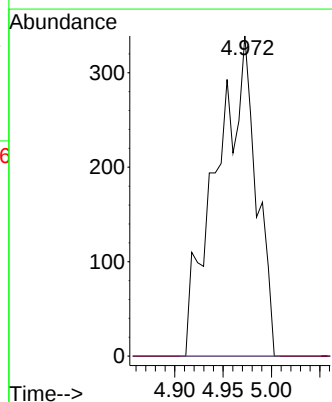
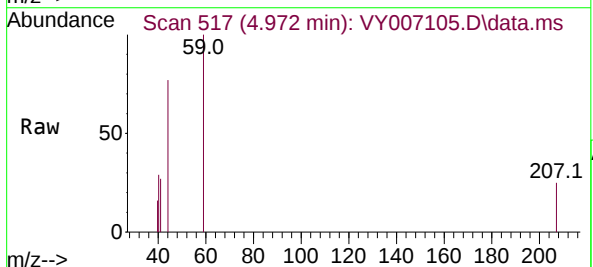
Instrument :
MSVOA_Y
ClientSampleId :
AMI-11

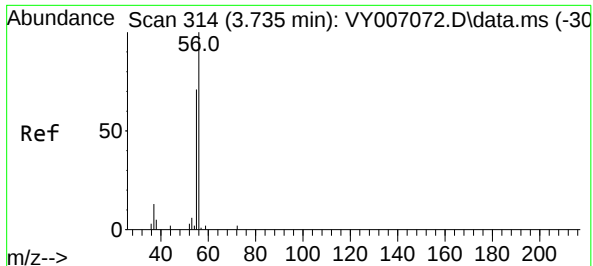
Tgt Ion:168 Resp: 129211
Ion Ratio Lower Upper
168 100
99 62.5 49.1 73.7



#11
Tert butyl alcohol
Concen: 7.870 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY007105.D
Acq: 10 Jan 2022 15:10

Tgt Ion: 59 Resp: 970
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: Below Cal

RT: 3.723 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY007105.D

Acq: 10 Jan 2022 15:10

Instrument :

MSVOA_Y

ClientSampleId :

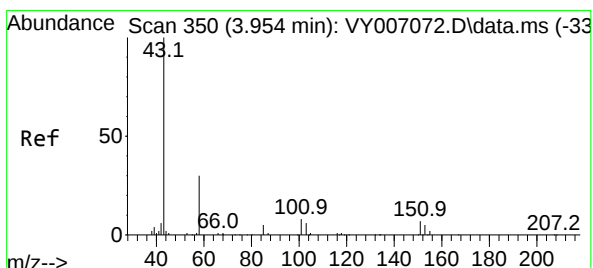
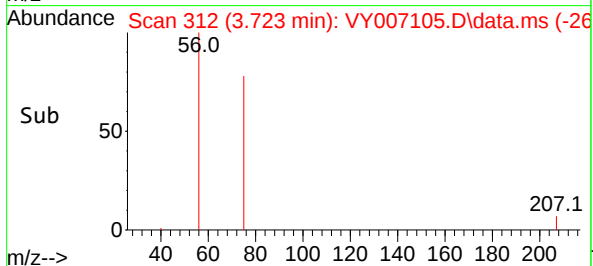
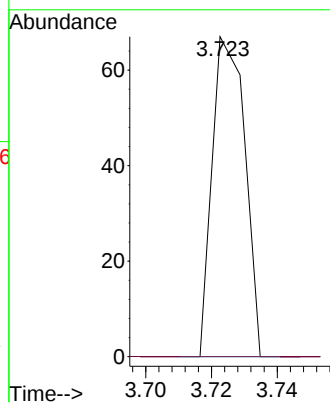
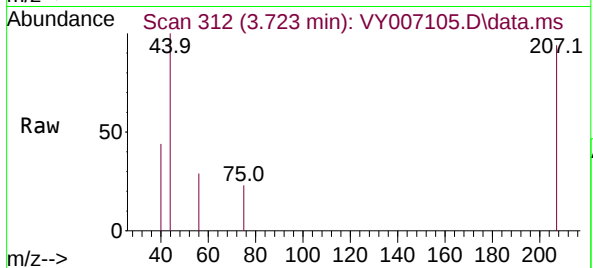
AMI-11

Tgt Ion: 56 Resp: 46

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#16

Acetone

Concen: 24.760 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY007105.D

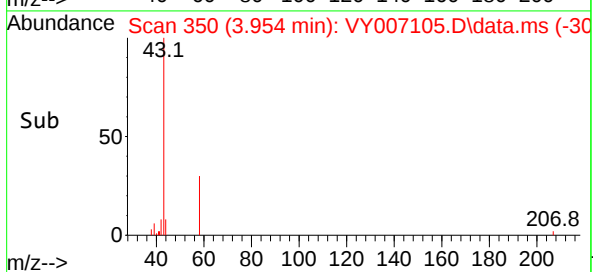
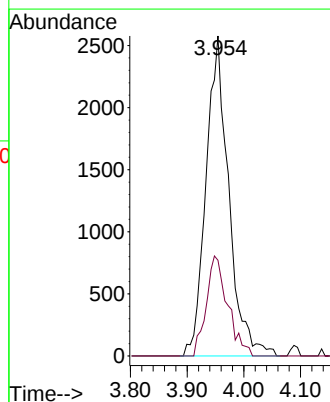
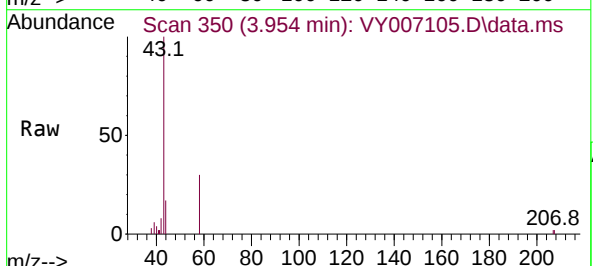
Acq: 10 Jan 2022 15:10

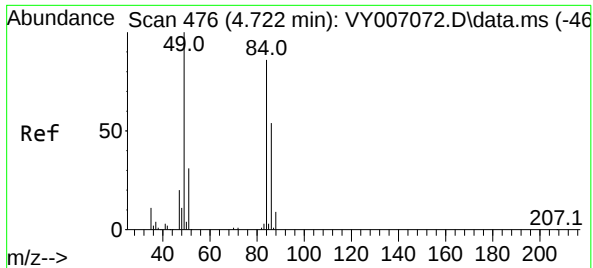
Tgt Ion: 43 Resp: 7181

Ion Ratio Lower Upper

43 100

58 29.9 23.8 35.6

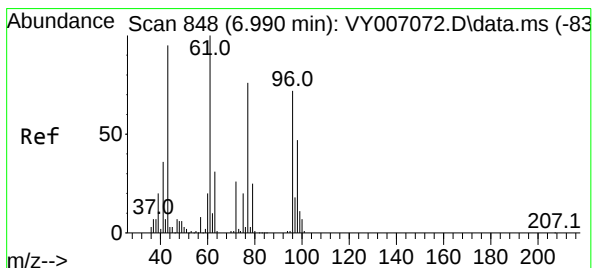
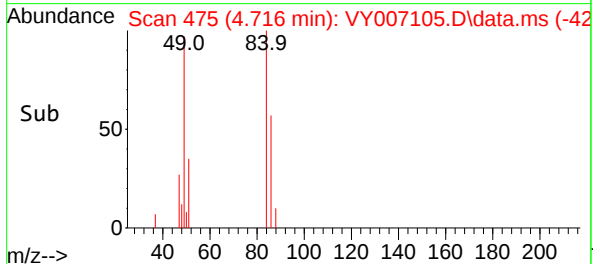
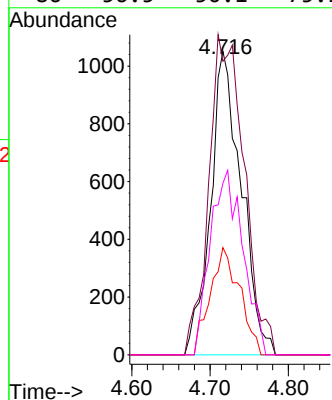
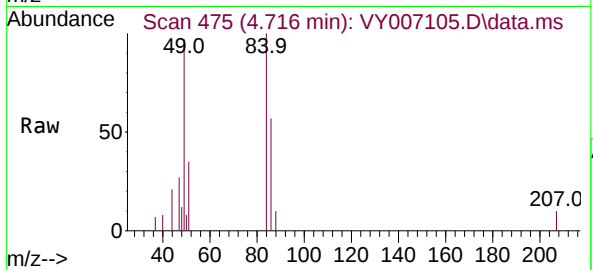




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007105.D
Acq: 10 Jan 2022 15:10

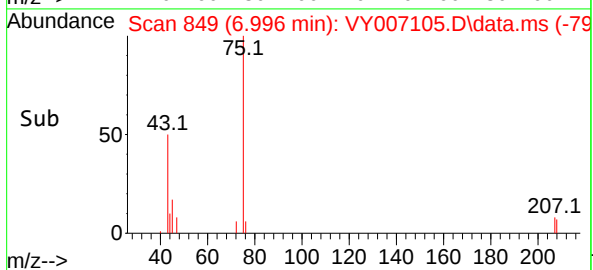
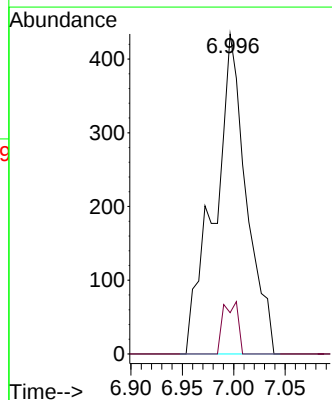
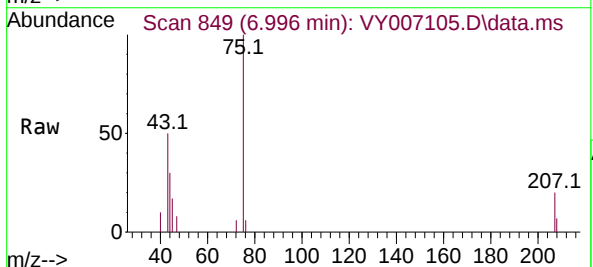
Instrument :
MSVOA_Y
ClientSampleId :
AMI-11

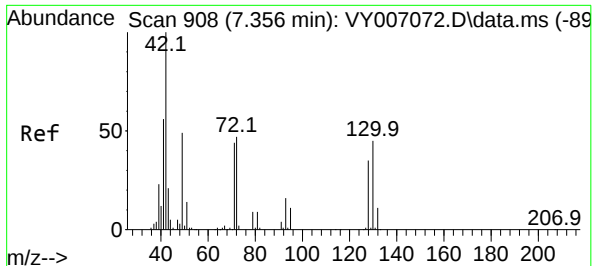
Tgt Ion:	84	Resp:	2868
Ion	Ratio	Lower	Upper
84	100		
49	96.8	92.6	139.0
51	35.3	28.6	42.8
86	56.5	50.1	75.1



#25
2-Butanone
Concen: 2.100 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY007105.D
Acq: 10 Jan 2022 15:10

Tgt Ion:	43	Resp:	941
Ion	Ratio	Lower	Upper
43	100		
72	12.9	21.9	32.9#





#29

Tetrahydrofuran

Concen: 1.732 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY007105.D

Acq: 10 Jan 2022 15:10

Instrument :

MSVOA_Y

ClientSampleId :

AMI-11

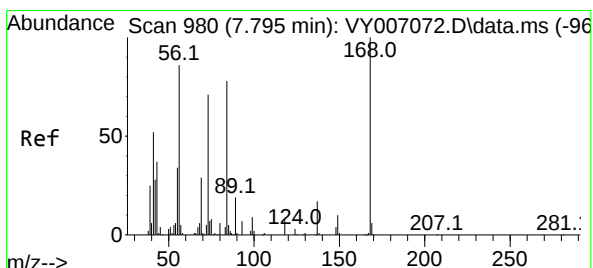
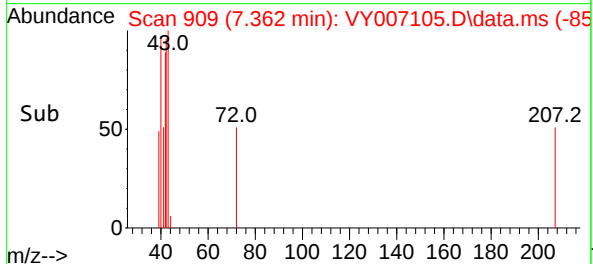
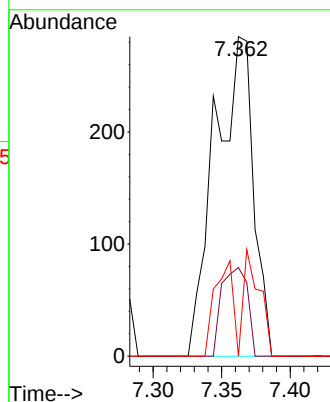
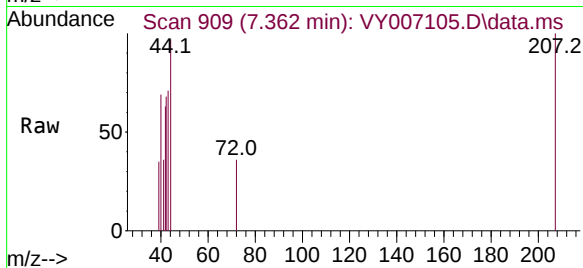
Tgt Ion: 42 Resp: 556

Ion Ratio Lower Upper

42 100

72 18.5 36.6 54.8#

71 14.0 34.1 51.1#



#31

Cyclohexane

Concen: 1.031 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY007105.D

Acq: 10 Jan 2022 15:10

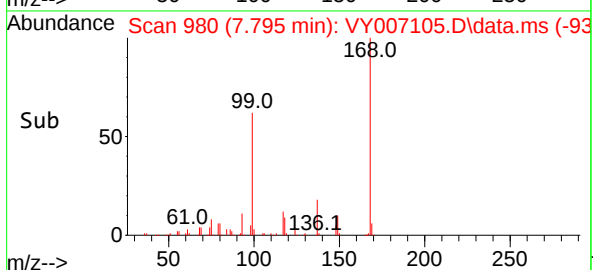
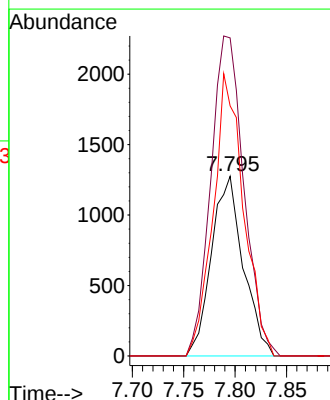
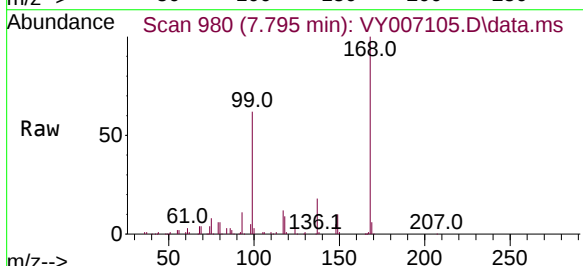
Tgt Ion: 56 Resp: 2743

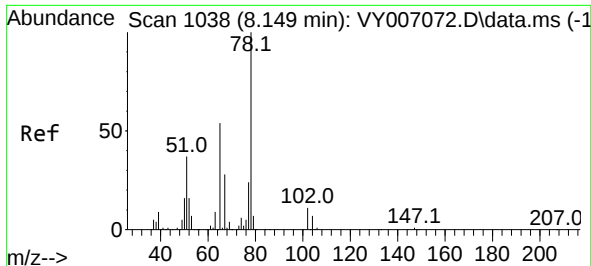
Ion Ratio Lower Upper

56 100

69 177.0 27.2 40.8#

84 139.2 72.1 108.1#

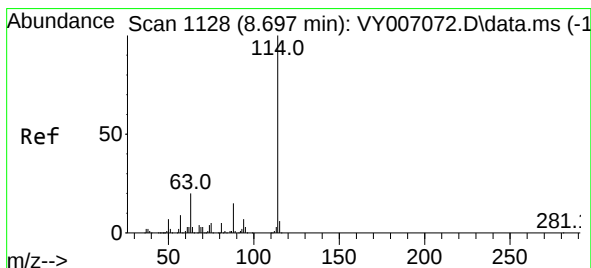
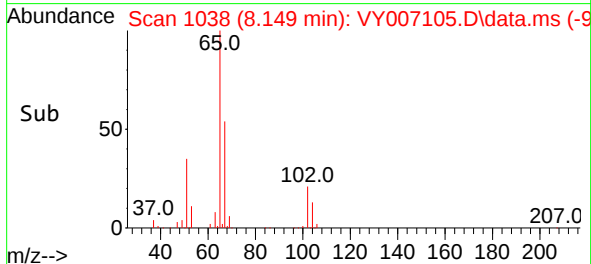
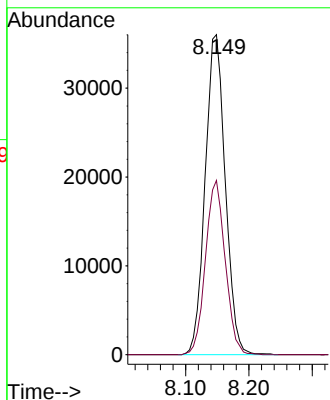
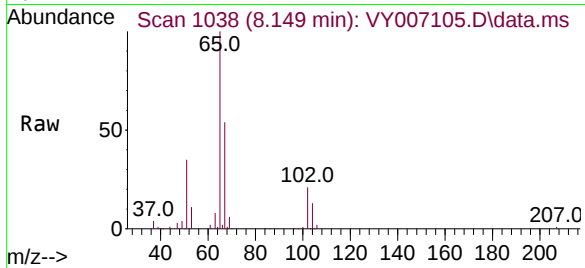




#33
 1,2-Dichloroethane-d4
 Concen: 51.539 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY007105.D
 Acq: 10 Jan 2022 15:10

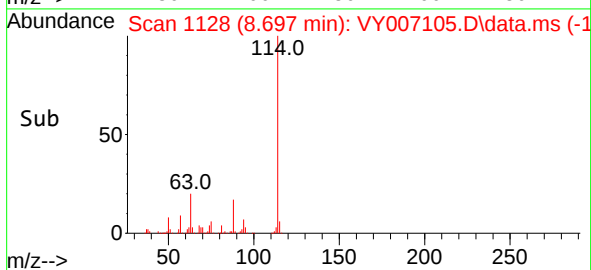
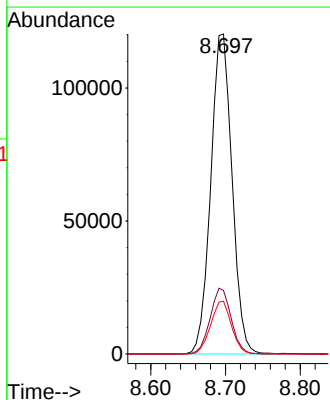
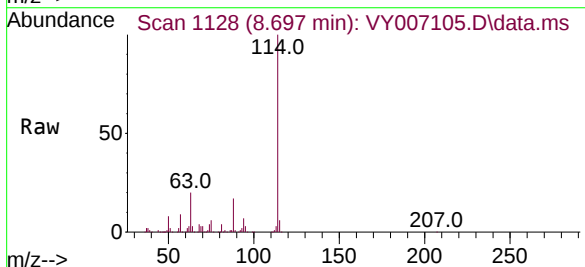
Instrument :
 MSVOA_Y
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 AMI-11

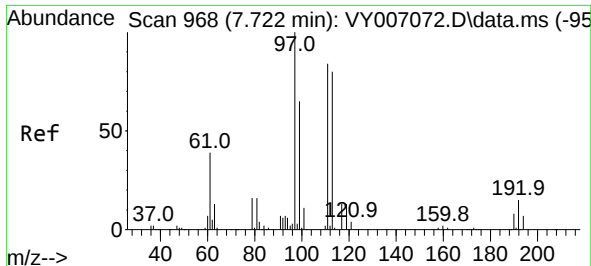
Tgt Ion: 65 Resp: 79669
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY007105.D
 Acq: 10 Jan 2022 15:10

Tgt Ion: 114 Resp: 238657
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.2
 88 16.5 0.0 31.0

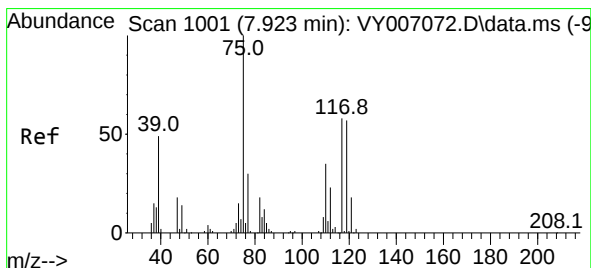
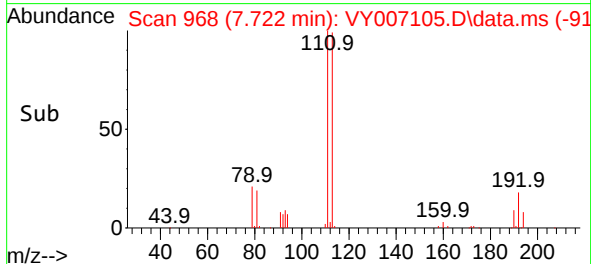
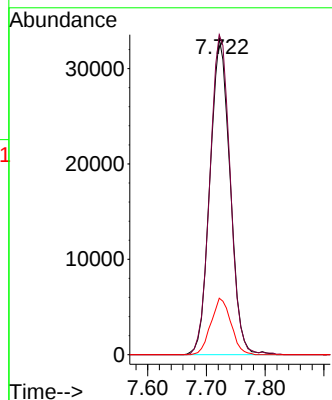
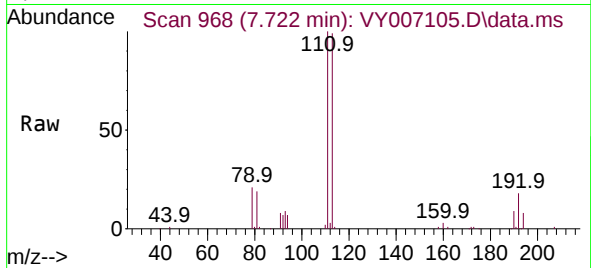




#35
Dibromofluoromethane
Concen: 49.578 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007105.D
Acq: 10 Jan 2022 15:10

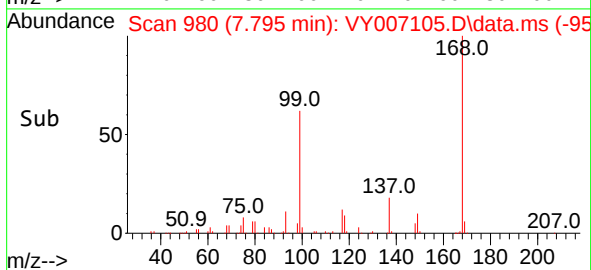
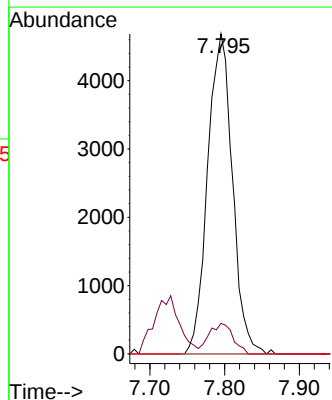
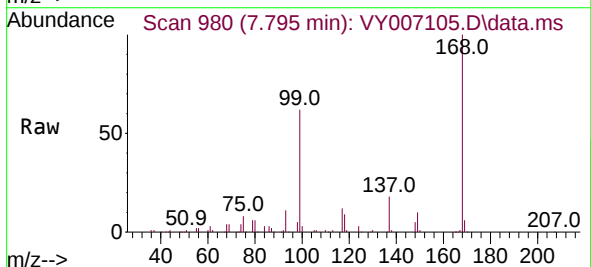
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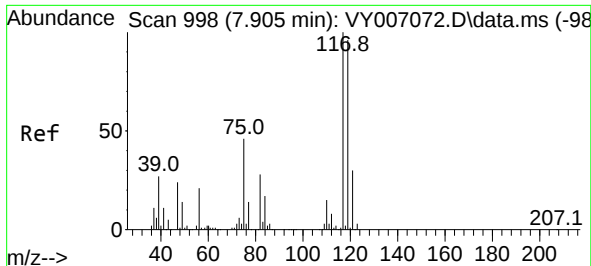
Tgt Ion:113 Resp: 78859
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 17.8 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.290 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007105.D
Acq: 10 Jan 2022 15:10

Tgt Ion: 75 Resp: 10813
Ion Ratio Lower Upper
75 100
110 9.2 17.3 51.9#
77 0.0 24.7 37.1#

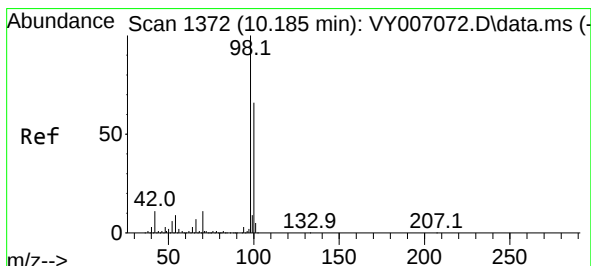
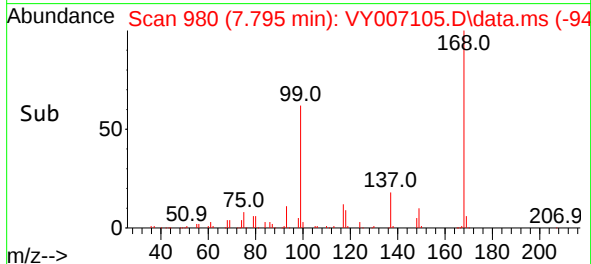
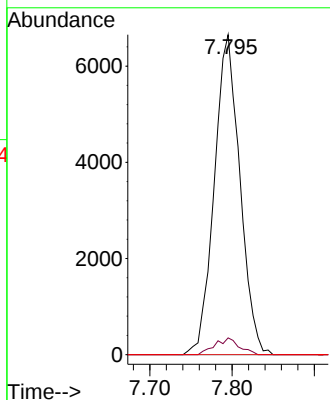
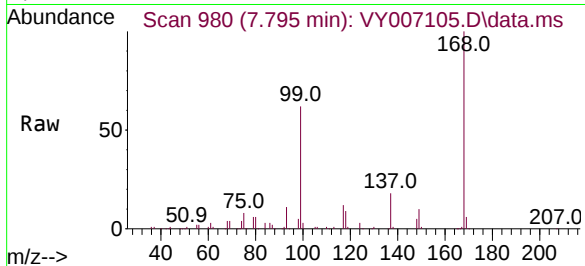




#38
Carbon Tetrachloride
Concen: 5.468 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007105.D
Acq: 10 Jan 2022 15:10

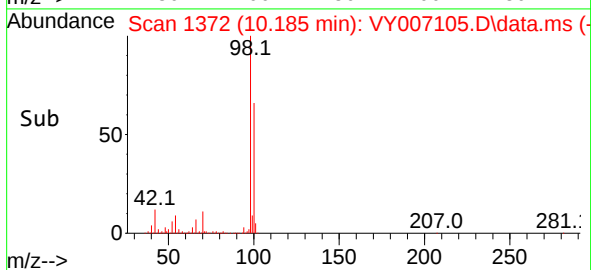
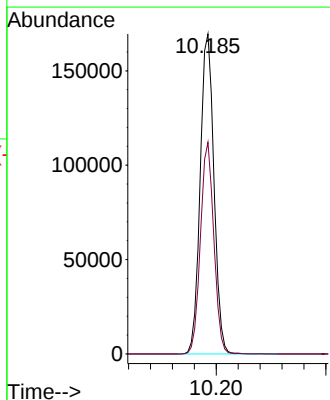
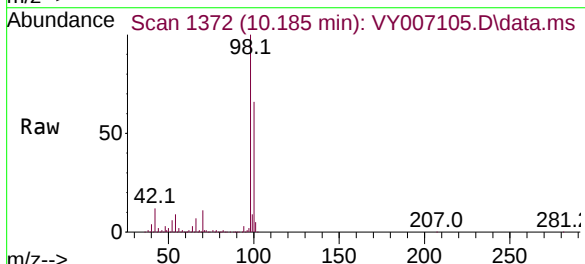
Instrument :
MSVOA_Y
ClientSampleId :
AMI-11

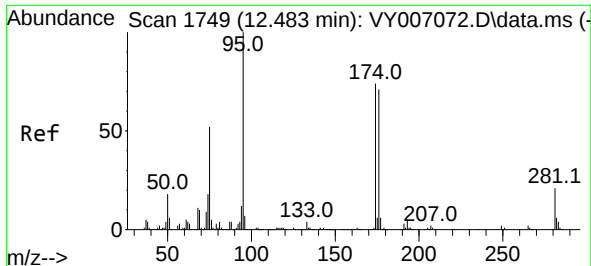
Tgt Ion:117 Resp: 14399
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.159 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007105.D
Acq: 10 Jan 2022 15:10

Tgt Ion: 98 Resp: 294700
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 51.154 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007105.D

Acq: 10 Jan 2022 15:10

Instrument :

MSVOA_Y

ClientSampleId :

AMI-11

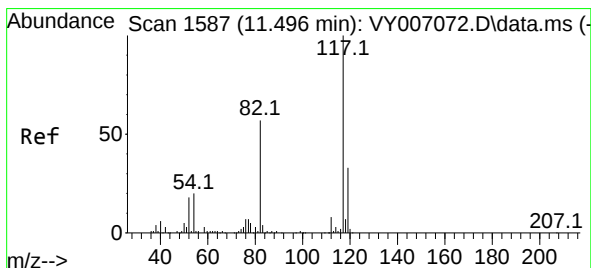
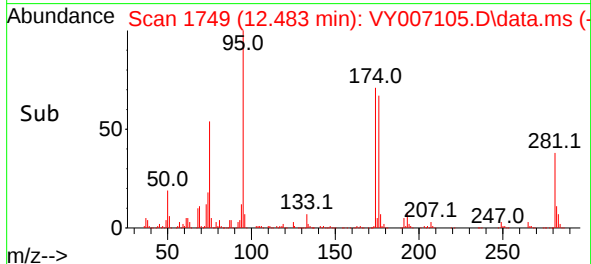
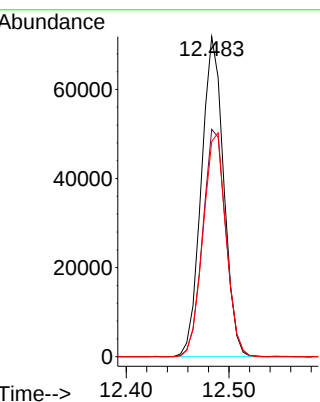
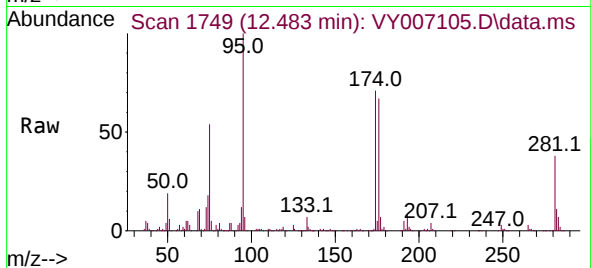
Tgt Ion: 95 Resp: 108392

Ion Ratio Lower Upper

95 100

174 73.3 0.0 148.4

176 72.1 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: VY007105.D

Acq: 10 Jan 2022 15:10

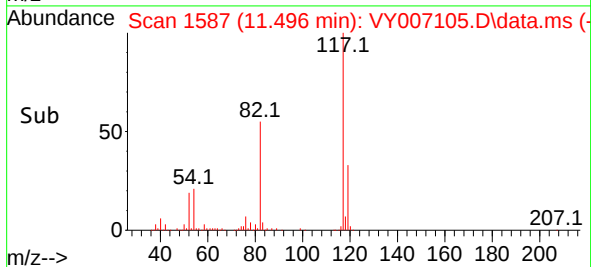
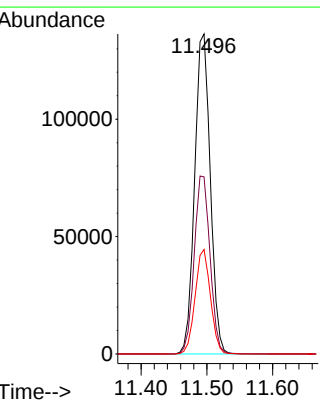
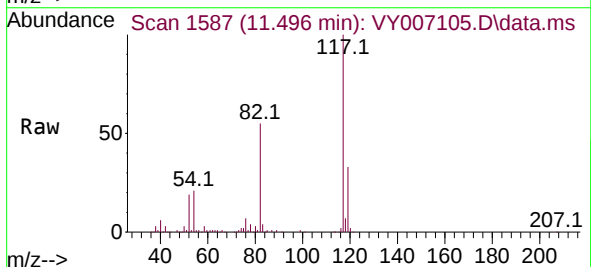
Tgt Ion: 117 Resp: 225351

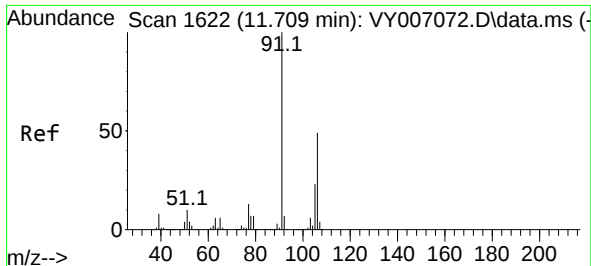
Ion Ratio Lower Upper

117 100

82 55.4 45.4 68.0

119 32.6 26.4 39.6

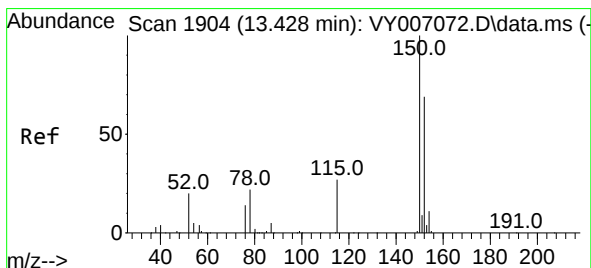
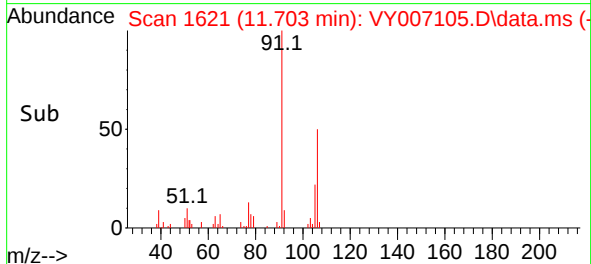
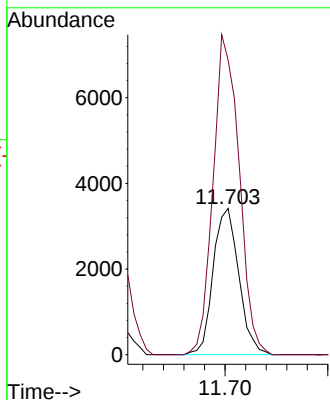
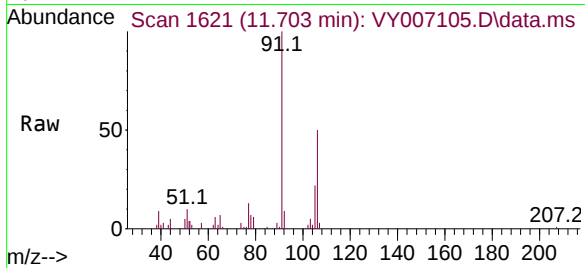




#68
m/p-Xylenes
Concen: 1.734 ug/l
RT: 11.703 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007105.D
Acq: 10 Jan 2022 15:10

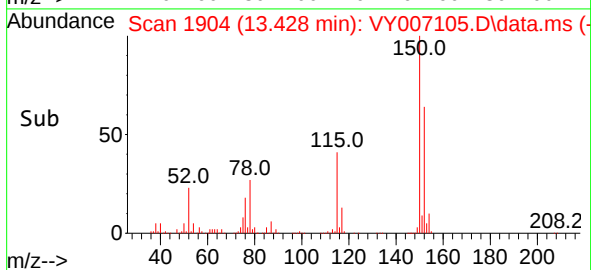
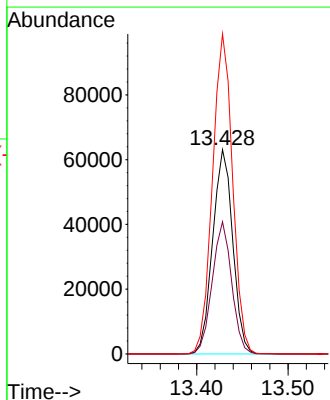
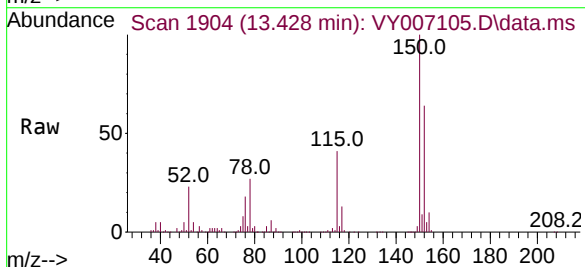
Instrument :
MSVOA_Y
ClientSampleId :
AMI-11

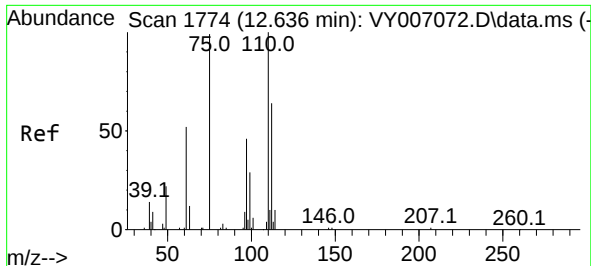
Tgt Ion:106 Resp: 5908
Ion Ratio Lower Upper
106 100
91 222.2 167.1 250.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007105.D
Acq: 10 Jan 2022 15:10

Tgt Ion:152 Resp: 96163
Ion Ratio Lower Upper
152 100
115 62.7 31.4 94.0
150 156.7 0.0 348.4

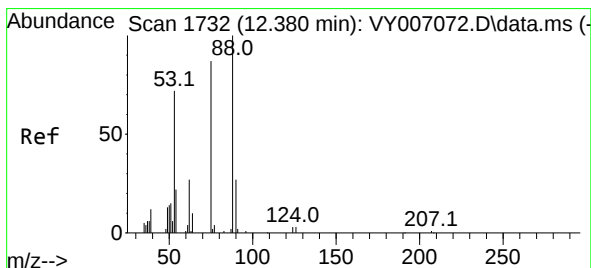
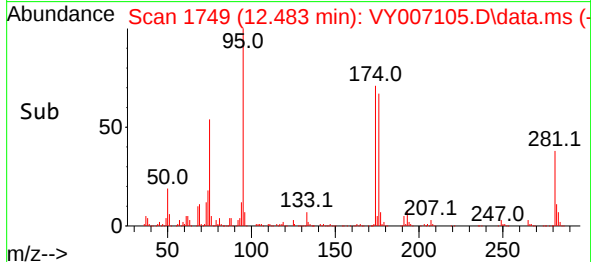
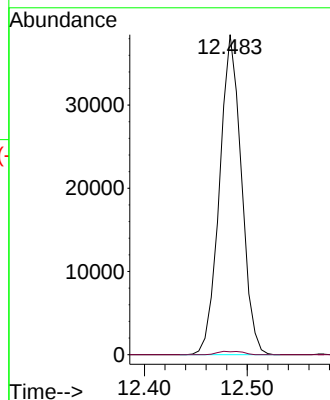
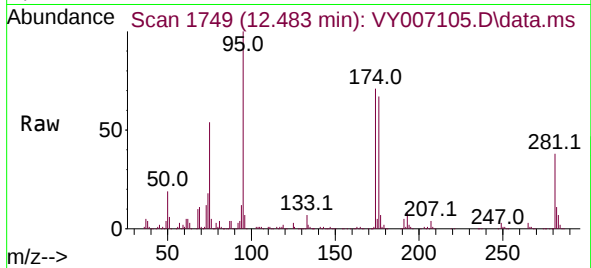




#76
1,2,3-Trichloropropane
Concen: 51.830 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007105.D
Acq: 10 Jan 2022 15:10

Instrument :
MSVOA_Y
ClientSampleId :
AMI-11

Tgt Ion: 75 Resp: 56883
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.350 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007105.D
Acq: 10 Jan 2022 15:10

Tgt Ion: 75 Resp: 56883
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 1.3 0.0 0.0#

