

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011022\
 Data File : VY007104.D
 Acq On : 10 Jan 2022 14:46
 Operator : SY/MD
 Sample : N1065-28
 Misc : 4.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-7

Quant Time: Jan 11 02:42:53 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)

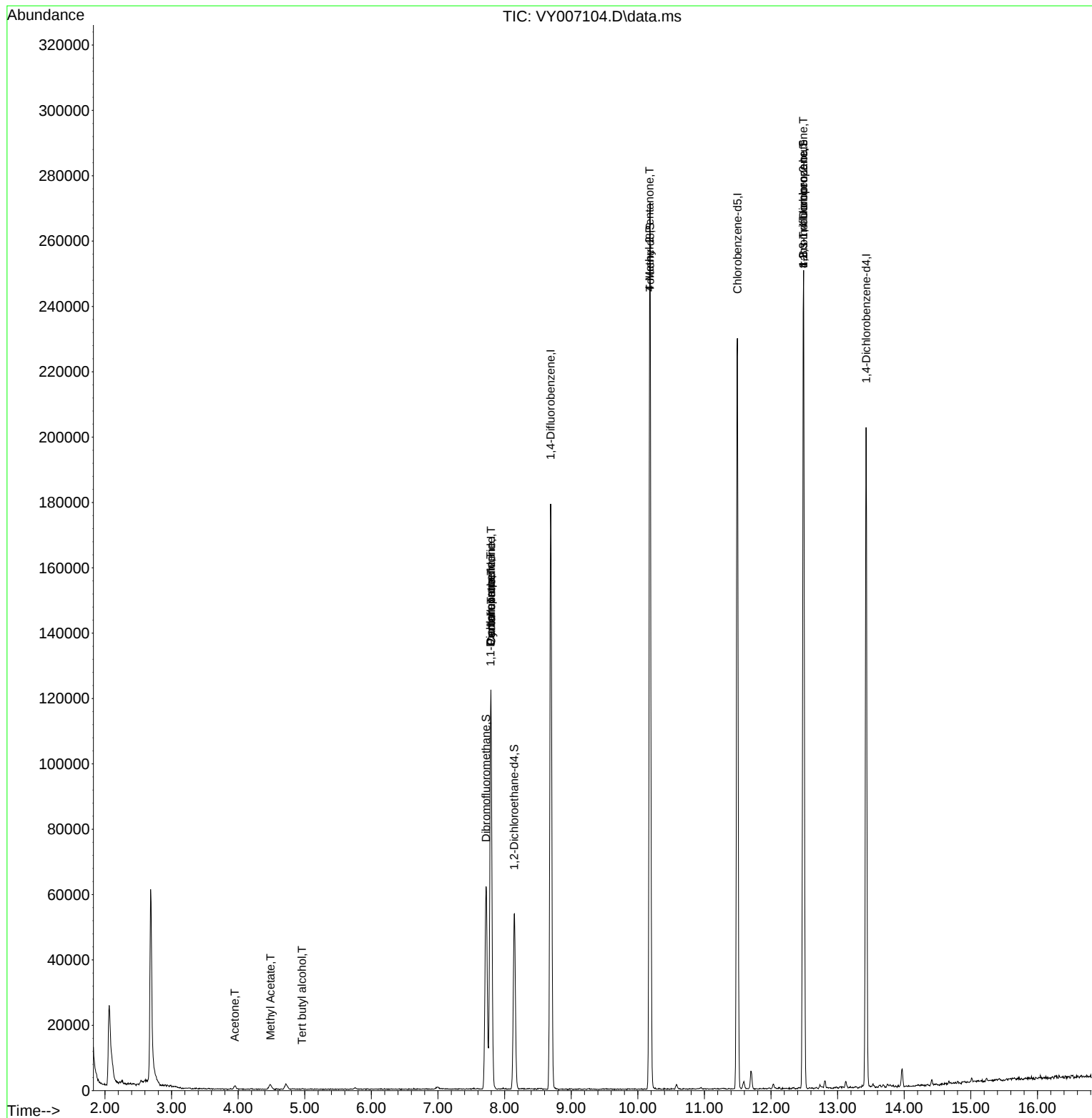
Internal Standards						
1) Pentafluorobenzene	7.795	168	90659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	151768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	125037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43576	40.178	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	80.360%		
35) Dibromofluoromethane	7.722	113	46025	45.502	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.000%		
50) Toluene-d8	10.185	98	179727	48.104	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.200%		
62) 4-Bromofluorobenzene	12.483	95	57746	42.855	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.700%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	247	2.856	ug/l #	73
16) Acetone	3.948	43	1719	8.448	ug/l	97
18) Methyl Acetate	4.485	43	2776	2.974	ug/l #	62
20) Methylene Chloride	4.729	84	1154	Below Cal	#	77
31) Cyclohexane	7.795	56	2015	1.079	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7579	4.729	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9663	5.770	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	886	1.182	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	31256	54.725	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31256	102.788	ug/l #	3

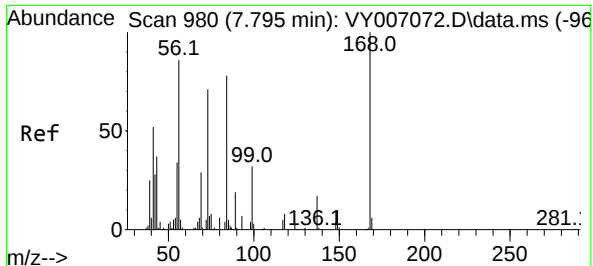
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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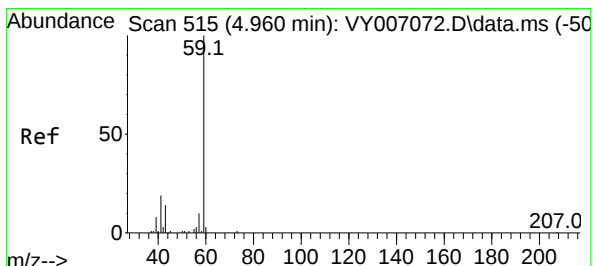
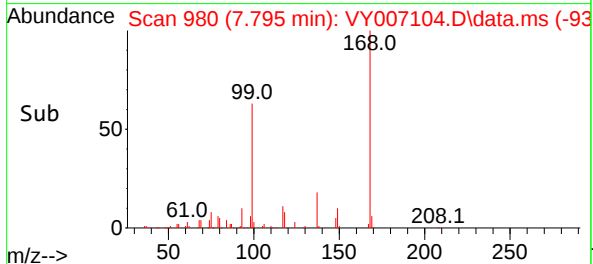
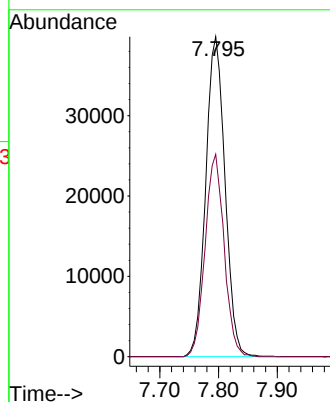
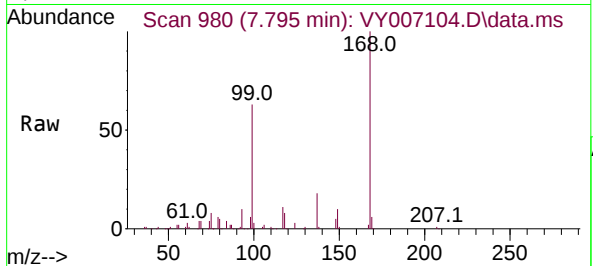




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

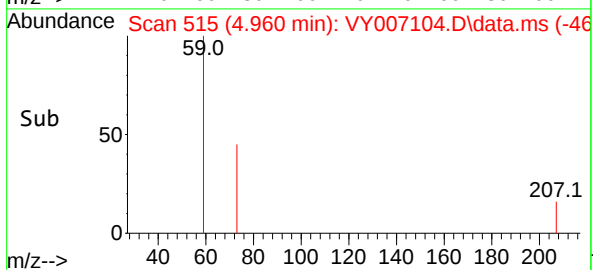
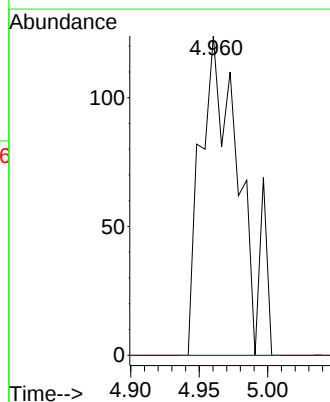
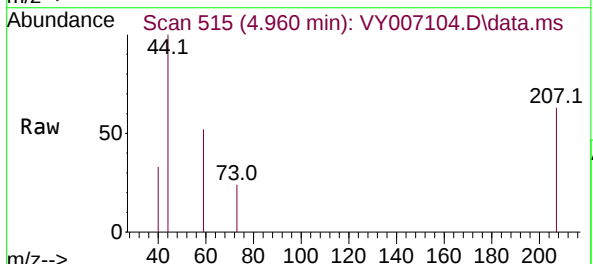
Instrument :
MSVOA_Y
ClientSampleId :
AMI-7

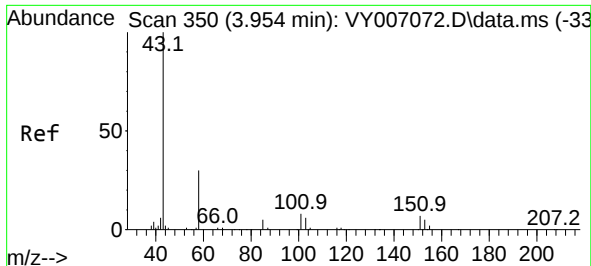
Tgt Ion:168 Resp: 90659
Ion Ratio Lower Upper
168 100
99 63.3 49.1 73.7



#11
Tert butyl alcohol
Concen: 2.856 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

Tgt Ion: 59 Resp: 247
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 8.448 ug/l

RT: 3.948 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY007104.D

Acq: 10 Jan 2022 14:46

Instrument :

MSVOA_Y

ClientSampleId :

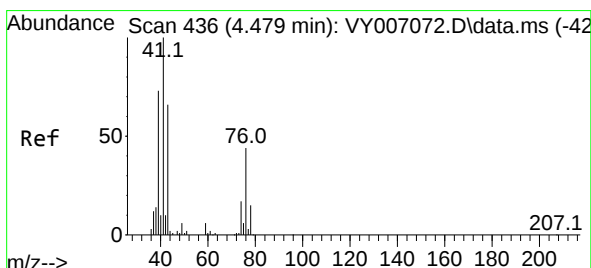
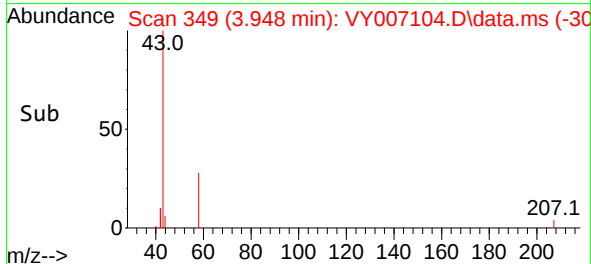
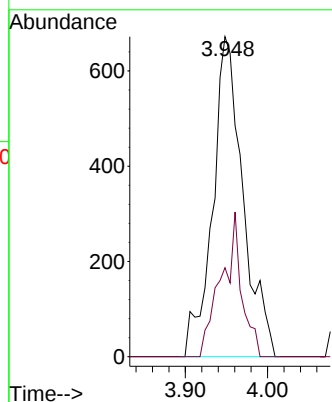
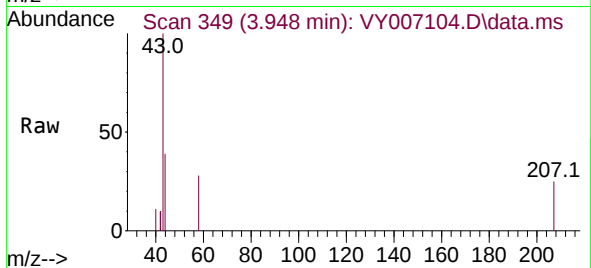
AMI-7

Tgt Ion: 43 Resp: 1719

Ion Ratio Lower Upper

43 100

58 27.8 23.8 35.6



#18

Methyl Acetate

Concen: 2.974 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY007104.D

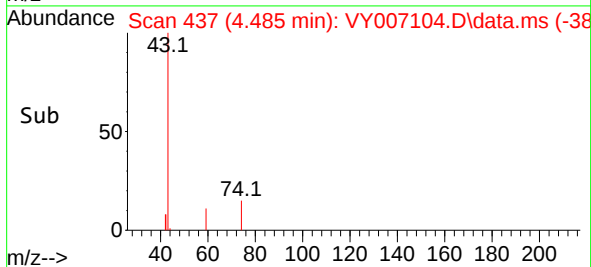
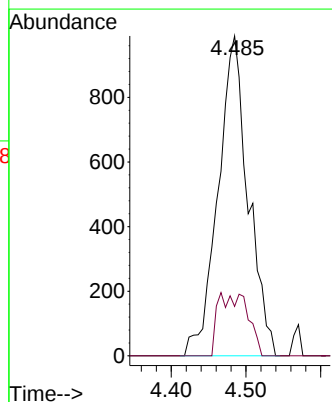
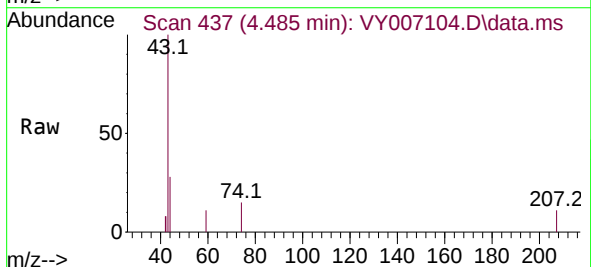
Acq: 10 Jan 2022 14:46

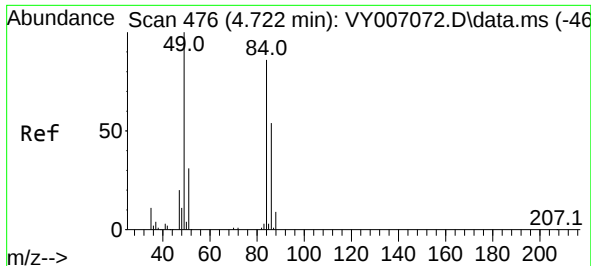
Tgt Ion: 43 Resp: 2776

Ion Ratio Lower Upper

43 100

74 6.6 20.9 31.3#

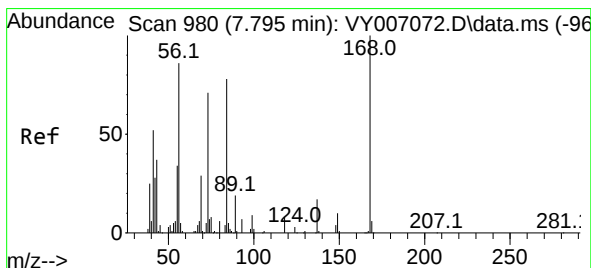
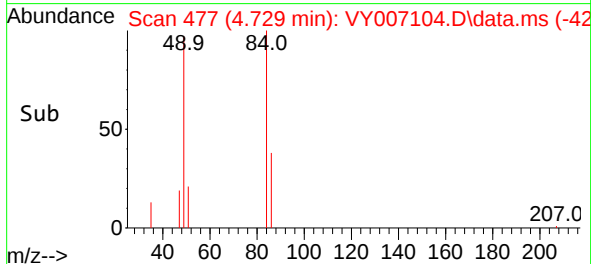
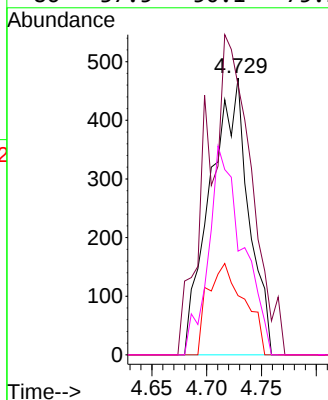
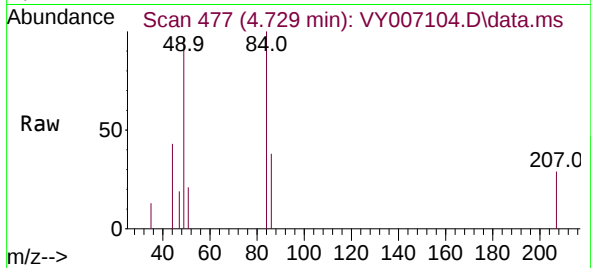




#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

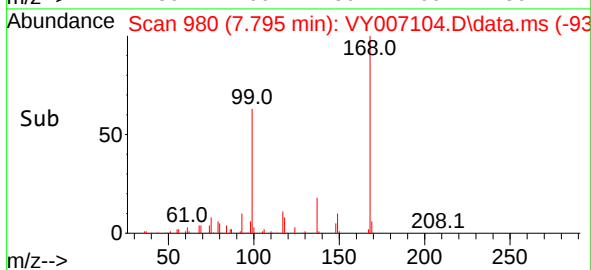
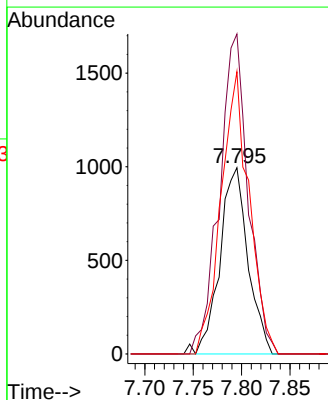
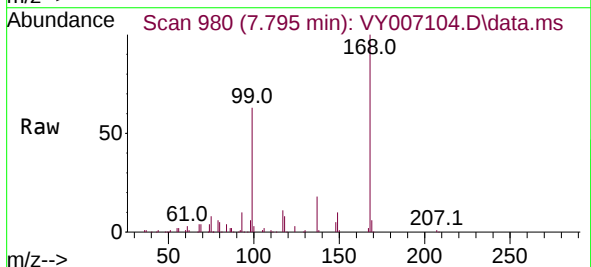
Instrument :
MSVOA_Y
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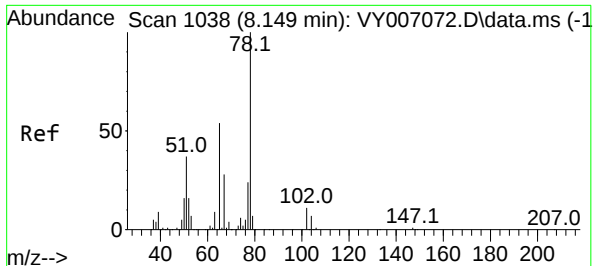
Tgt Ion:	84	Resp:	1154
Ion	Ratio	Lower	Upper
84	100		
49	97.5	92.6	139.0
51	21.4	28.6	42.8#
86	37.5	50.1	75.1#



#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

Tgt Ion:	56	Resp:	2015
Ion	Ratio	Lower	Upper
56	100		
69	171.8	27.2	40.8#
84	151.5	72.1	108.1#

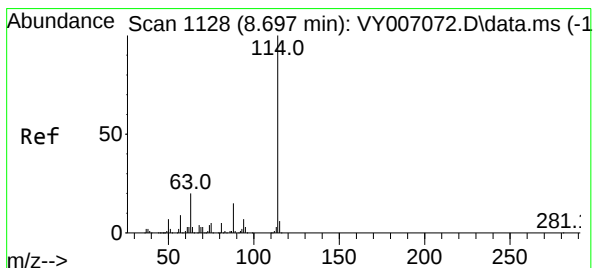
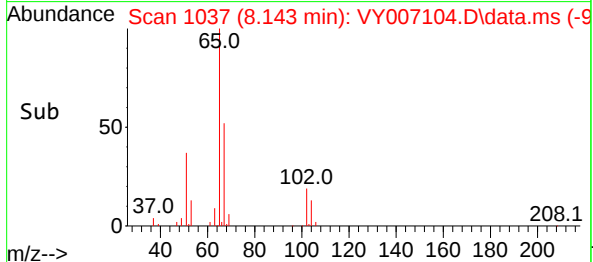
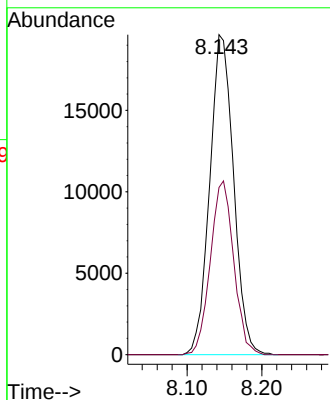
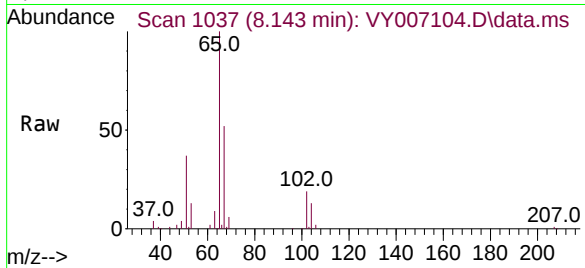




#33
 1,2-Dichloroethane-d4
 Concen: 40.178 ug/l
 RT: 8.143 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY007104.D
 Acq: 10 Jan 2022 14:46

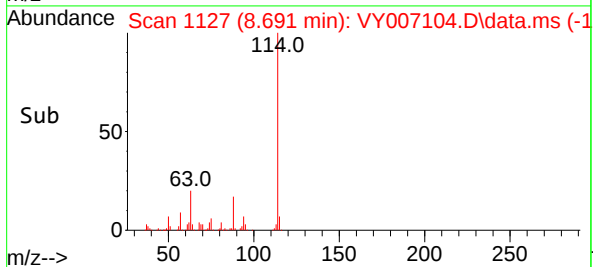
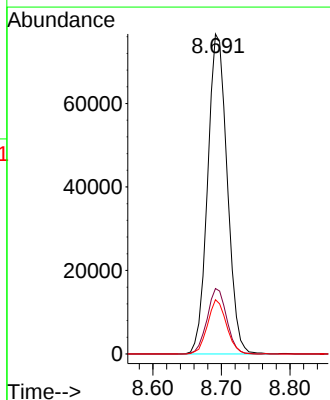
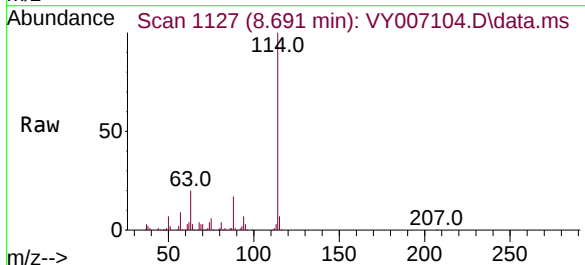
Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-7

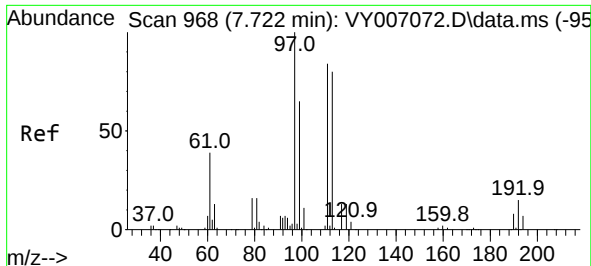
Tgt Ion: 65 Resp: 43576
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY007104.D
 Acq: 10 Jan 2022 14:46

Tgt Ion: 114 Resp: 151768
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.2
 88 16.9 0.0 31.0

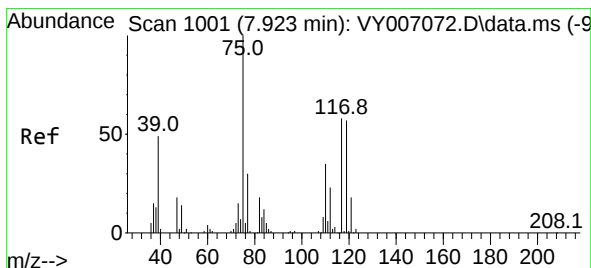
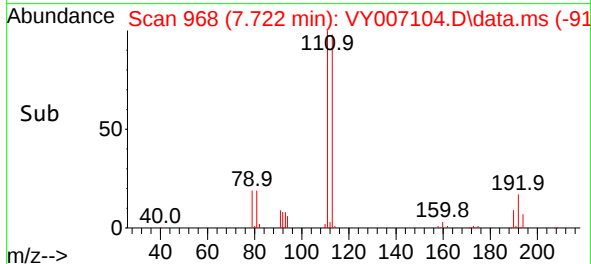
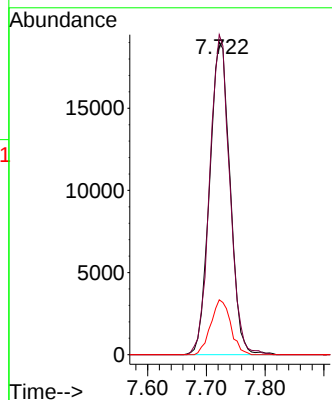
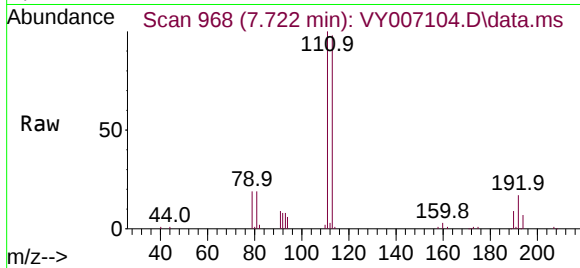




#35
Dibromofluoromethane
Concen: 45.502 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

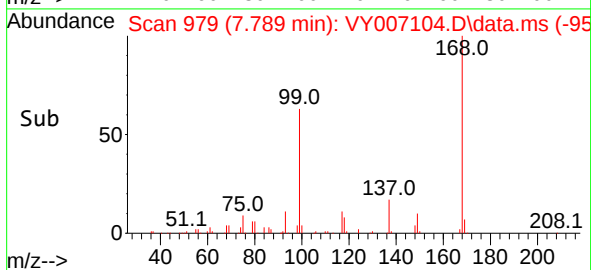
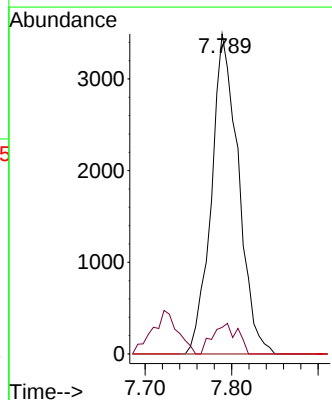
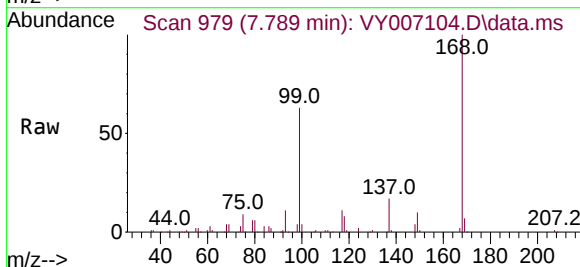
Instrument :
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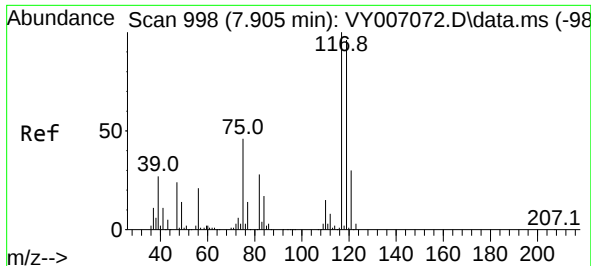
Tgt Ion:113 Resp: 46025
Ion Ratio Lower Upper
113 100
111 100.0 82.2 123.4
192 17.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.729 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

Tgt Ion: 75 Resp: 7579
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.9#
77 0.0 24.7 37.1#

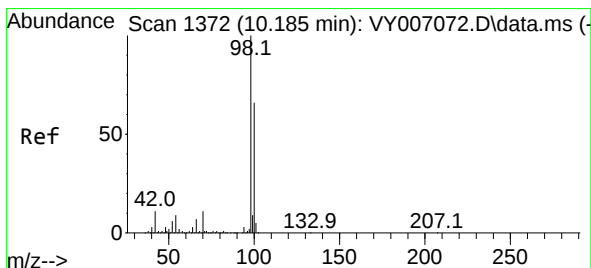
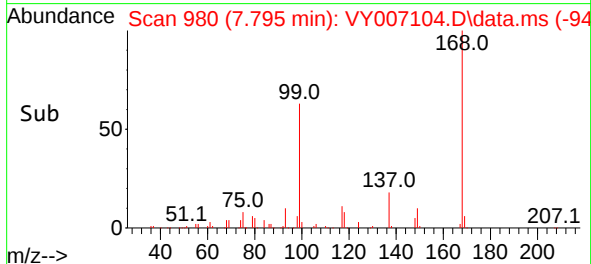
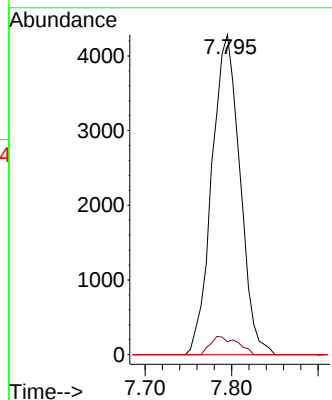
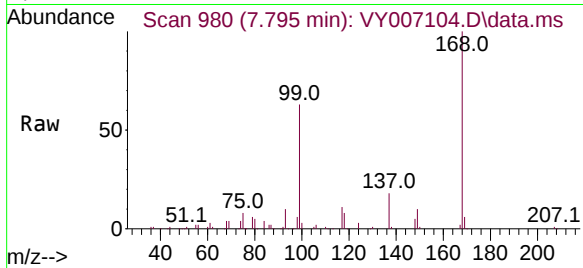




#38
Carbon Tetrachloride
Concen: 5.770 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

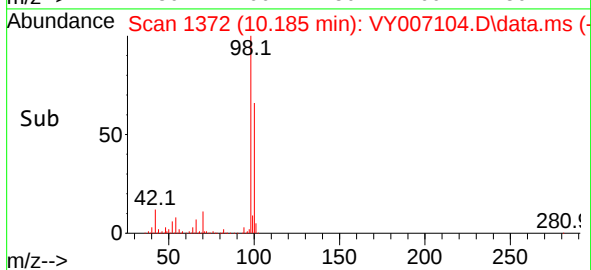
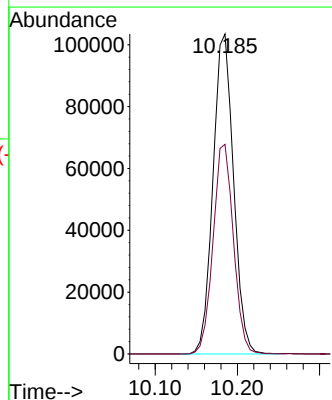
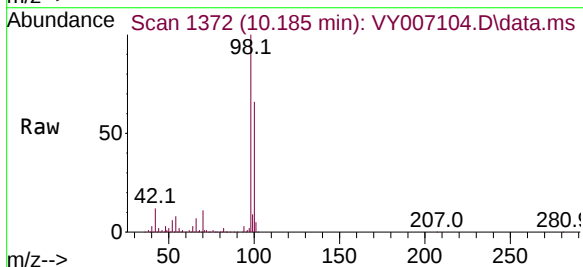
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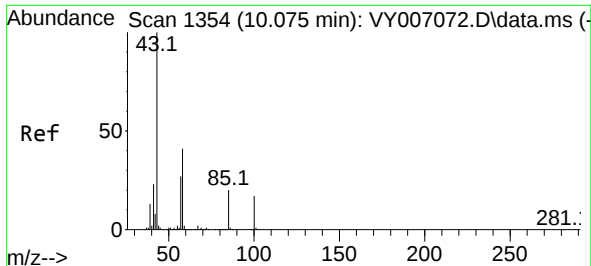
Tgt Ion:117 Resp: 9663
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.104 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

Tgt Ion: 98 Resp: 179727
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

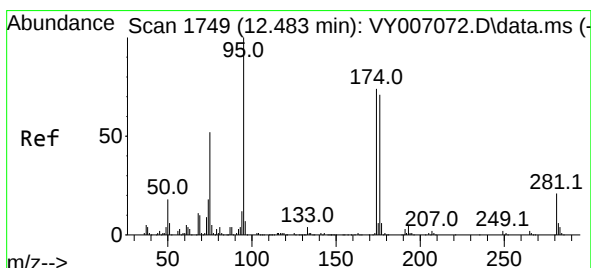
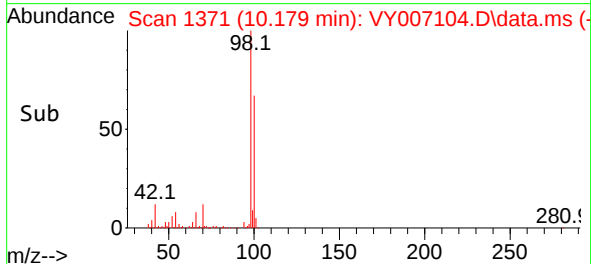
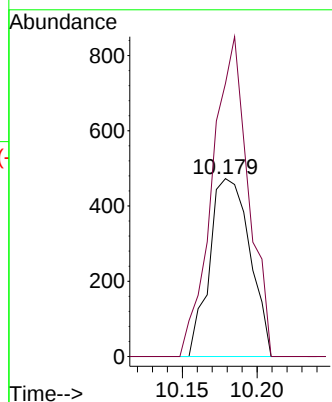
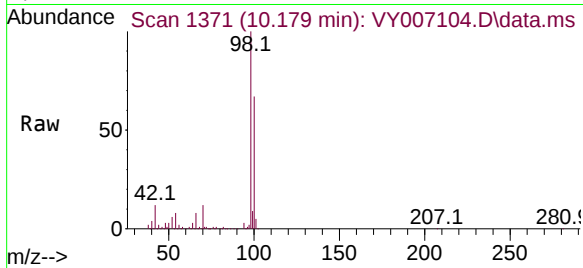




#51
4-Methyl-2-Pentanone
Concen: 1.182 ug/l
RT: 10.179 min Scan# 1354
Delta R.T. 0.104 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

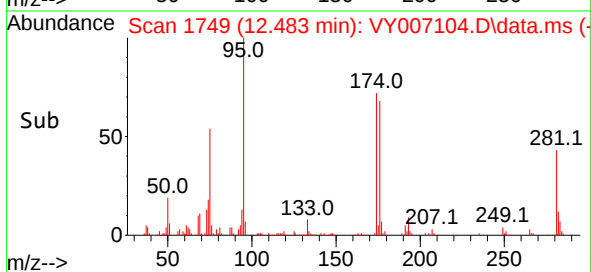
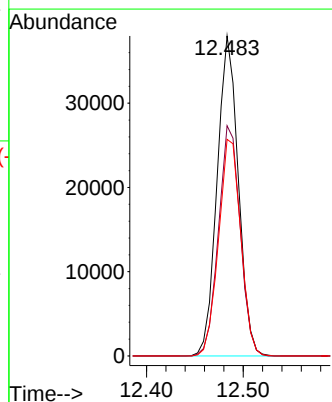
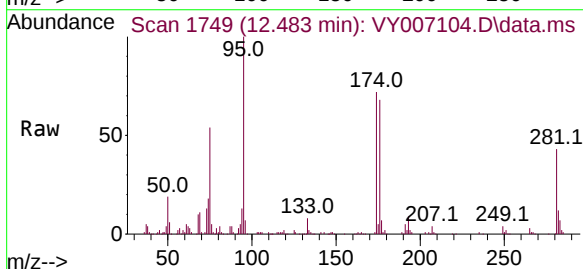
Instrument :
MSVOA_Y
ClientSampleId :
AMI-7

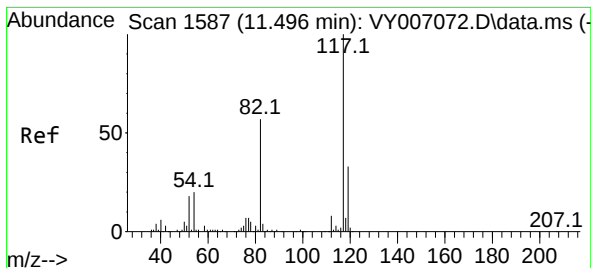
Tgt Ion: 43 Resp: 886
Ion Ratio Lower Upper
43 100
58 161.2 32.8 49.2#



#62
4-Bromofluorobenzene
Concen: 42.855 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

Tgt Ion: 95 Resp: 57746
Ion Ratio Lower Upper
95 100
174 73.5 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: VY007104.D

Acq: 10 Jan 2022 14:46

Instrument :

MSVOA_Y

ClientSampleId :

AMI-7

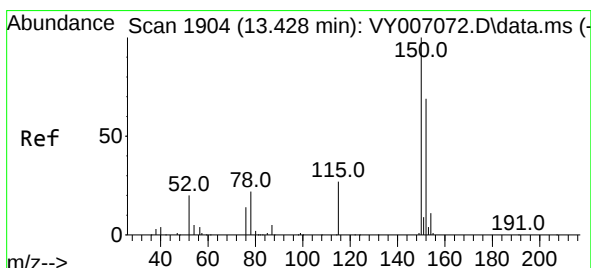
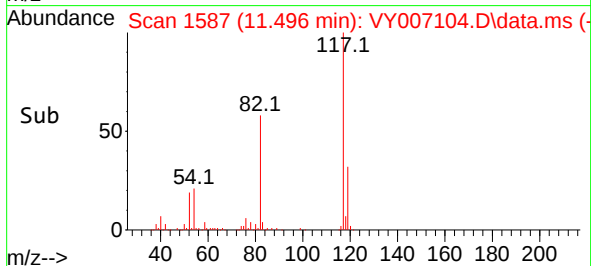
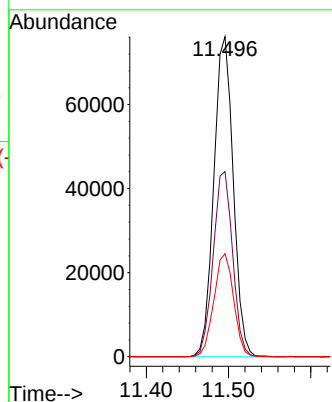
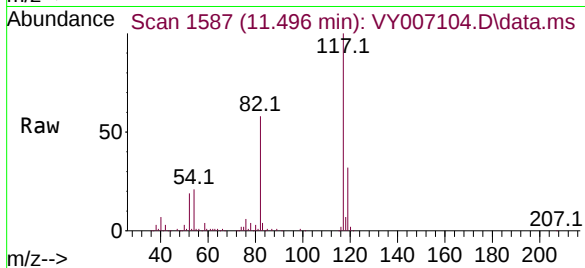
Tgt Ion:117 Resp: 125037

Ion Ratio Lower Upper

117 100

82 57.9 45.4 68.0

119 32.2 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: VY007104.D

Acq: 10 Jan 2022 14:46

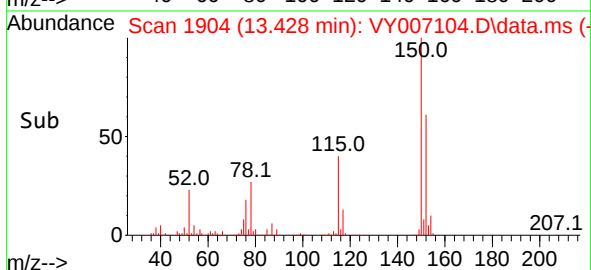
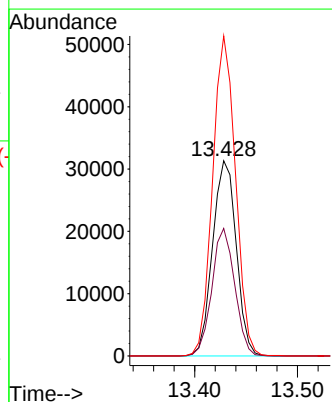
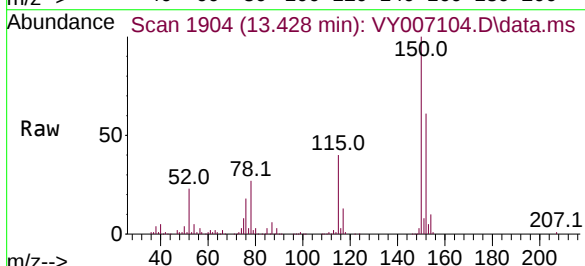
Tgt Ion:152 Resp: 50044

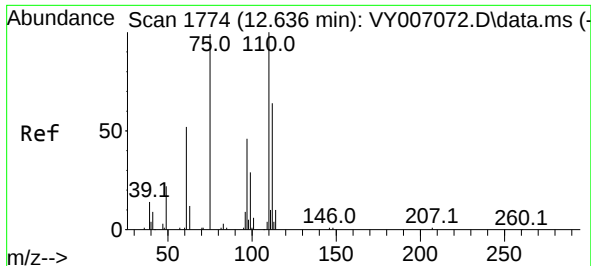
Ion Ratio Lower Upper

152 100

115 63.0 31.4 94.0

150 158.7 0.0 348.4

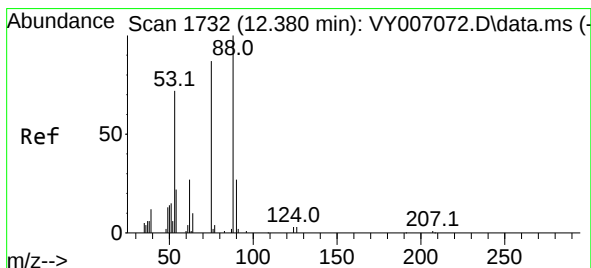
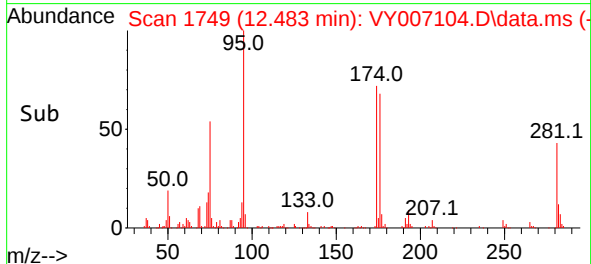
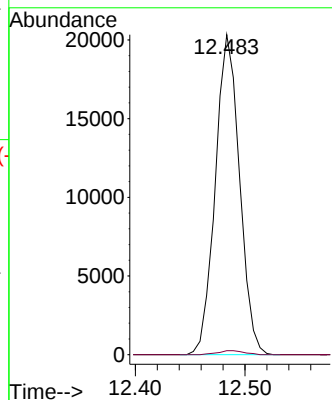
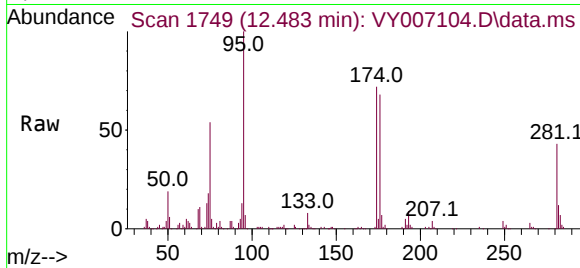




#76
1,2,3-Trichloropropane
Concen: 54.725 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

Instrument :
MSVOA_Y
ClientSampleId :
AMI-7

Tgt Ion: 75 Resp: 31256
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.788 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

Tgt Ion: 75 Resp: 31256
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 1.5 0.0 0.0#

