

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006583.D
 Acq On : 02 Nov 2021 17:48
 Operator : SY/MD
 Sample : M4411-04
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-HHD

Quant Time: Nov 03 02:02:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

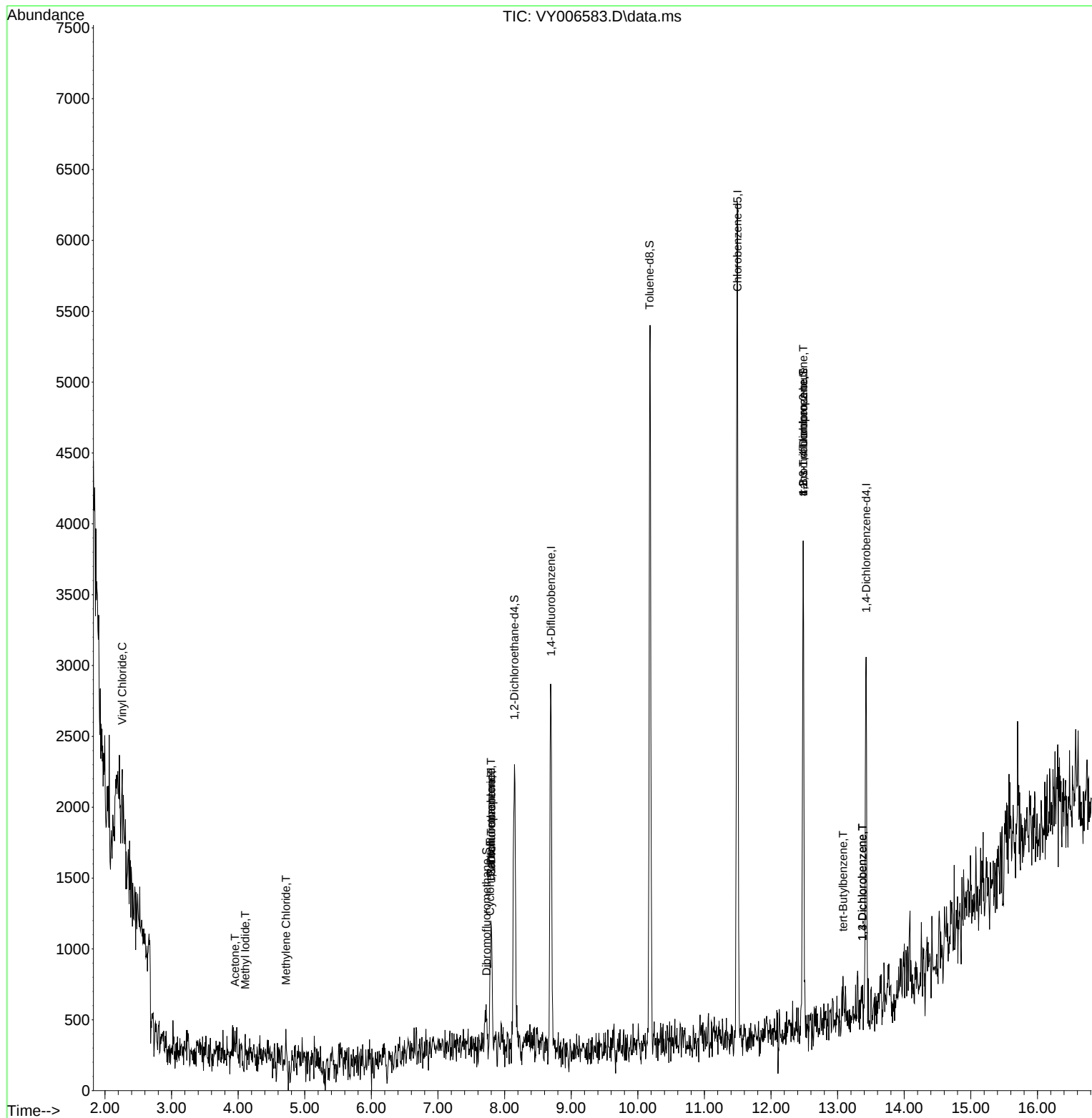
Internal Standards						
1) Pentafluorobenzene	7.795	168	1023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	2349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1822	144.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 289.460%#	
35) Dibromofluoromethane	7.728	113	279	21.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 42.620%#	
50) Toluene-d8	10.179	98	3548	63.926	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 127.860%	
62) 4-Bromofluorobenzene	12.483	95	1189	63.596	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 127.200%	
Target Compounds						Qvalue
4) Vinyl Chloride	2.259	62	85	5.963	ug/l #	44
10) Methyl Iodide	4.107	142	49	9.431	ug/l #	36
16) Acetone	3.954	43	232	64.002	ug/l #	46
20) Methylene Chloride	4.716	84	91	4.414	ug/l #	59
31) Cyclohexane	7.783	56	25	1.227	ug/l #	18
36) 1,1-Dichloropropene	7.801	75	70	3.016	ug/l #	42
38) Carbon Tetrachloride	7.795	117	46	1.797	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	578	73.998	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	578	151.916	ug/l #	7
83) tert-Butylbenzene	13.081	119	69	1.809	ug/l #	24
87) 1,3-Dichlorobenzene	13.373	146	29	1.157	ug/l #	25
88) 1,4-Dichlorobenzene	13.373	146	29	1.176	ug/l #	25

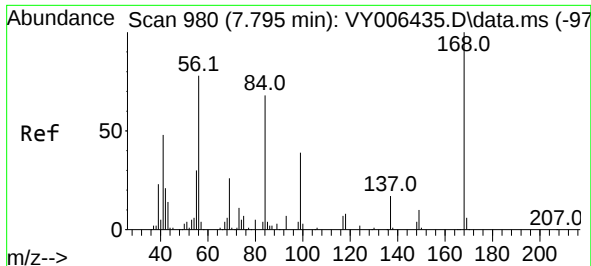
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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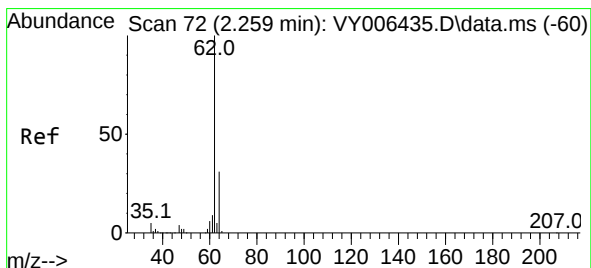
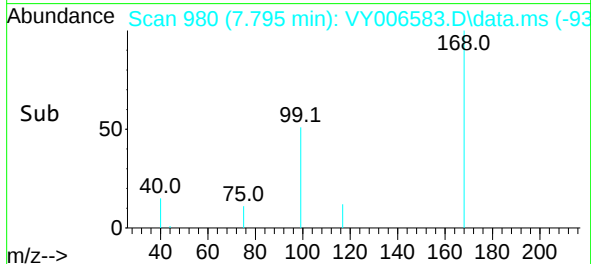
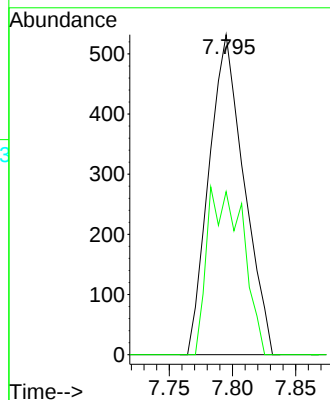
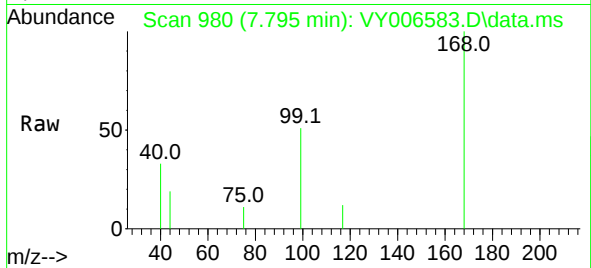




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

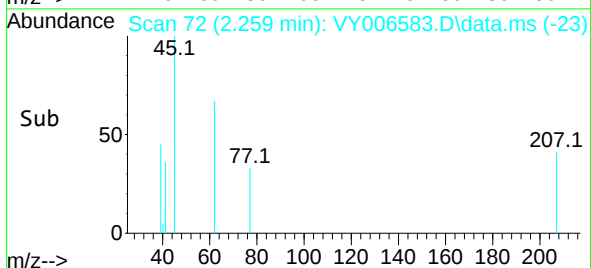
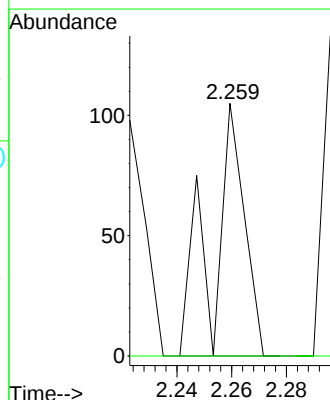
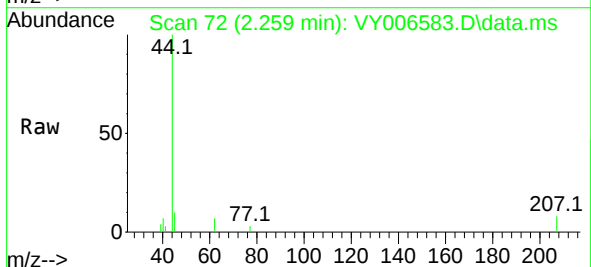
Instrument :
MSVOA_Y
ClientSampleId :
MH-HHD

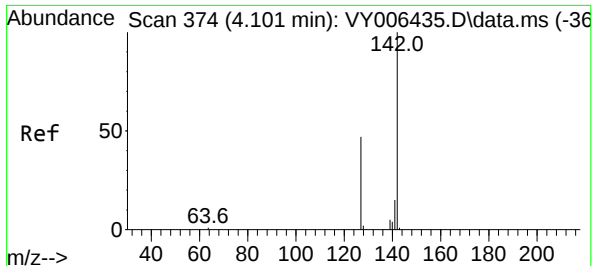
Tgt Ion:168 Resp: 1023
Ion Ratio Lower Upper
168 100
99 50.9 44.8 67.2



#4
Vinyl Chloride
Concen: 5.963 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

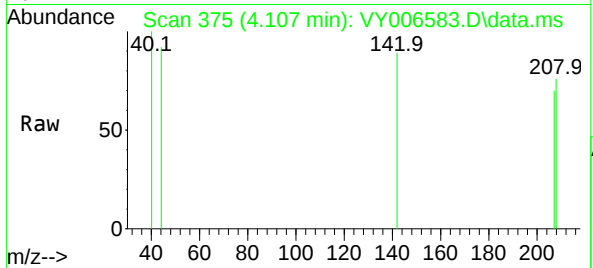
Tgt Ion: 62 Resp: 85
Ion Ratio Lower Upper
62 100
64 0.0 24.7 37.1#



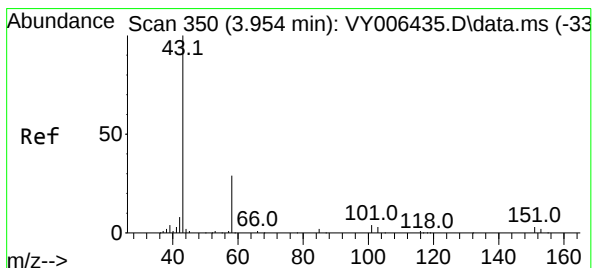
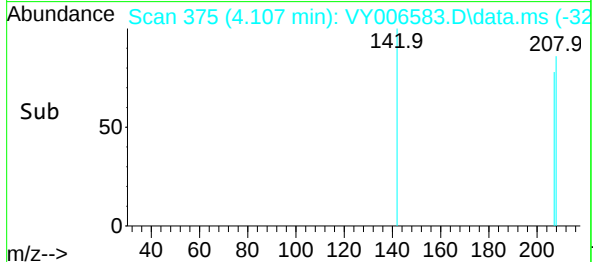
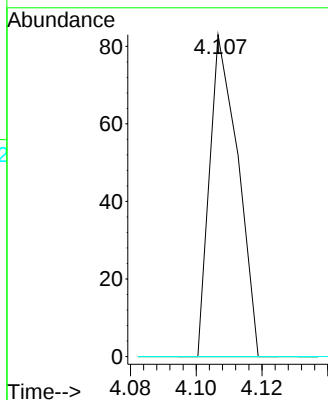


#10
Methyl Iodide
Concen: 9.431 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

Instrument :
MSVOA_Y
ClientSampleId :
MH-HHD

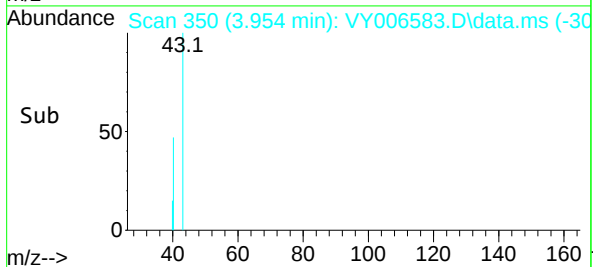
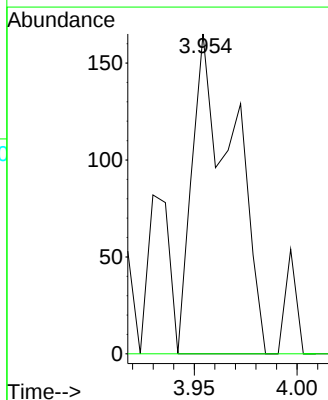
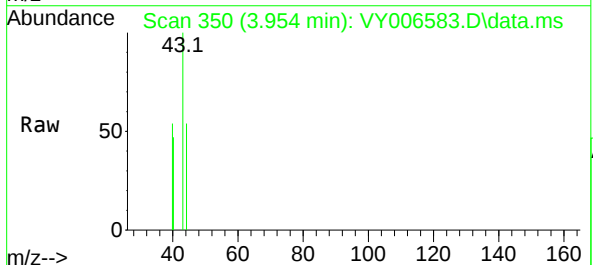


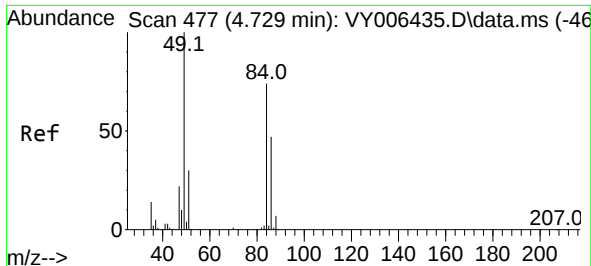
Tgt Ion:142 Resp: 49
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



#16
Acetone
Concen: 64.002 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

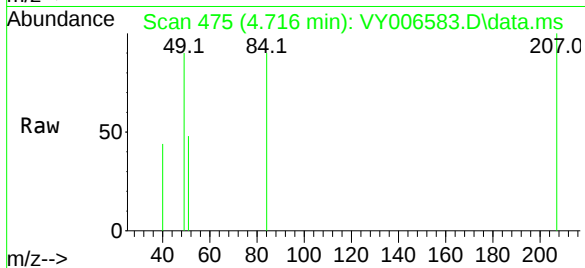
Tgt Ion: 43 Resp: 232
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



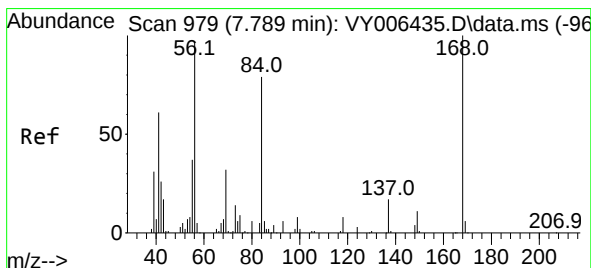
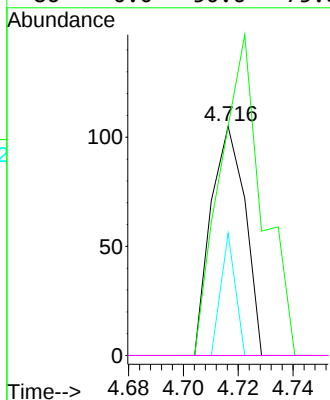
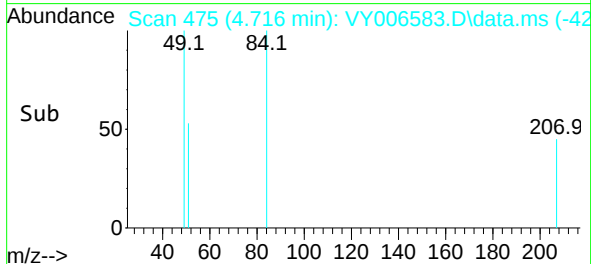


#20
Methylene Chloride
Concen: 4.414 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

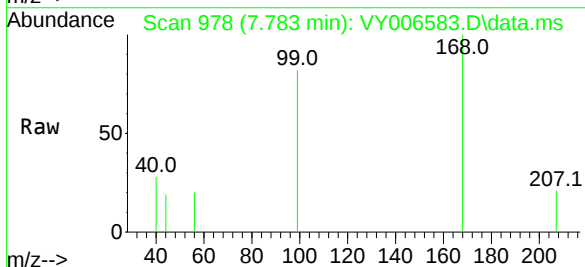
Instrument :
MSVOA_Y
ClientSampleId :
MH-HHD



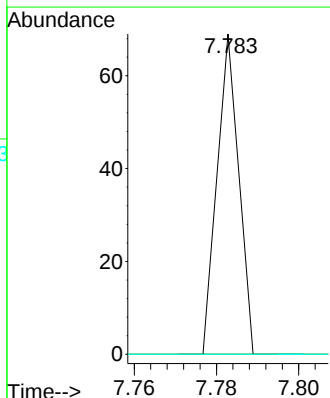
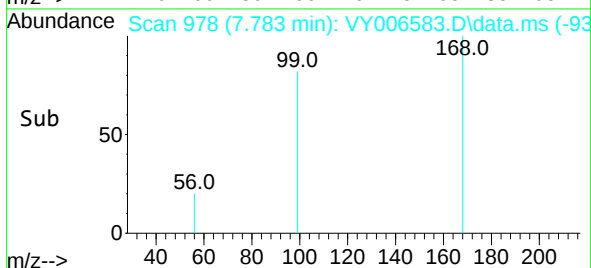
Tgt Ion: 84 Resp: 91
Ion Ratio Lower Upper
84 100
49 100.0 107.8 161.8#
51 53.3 32.8 49.2#
86 0.0 50.6 75.8#

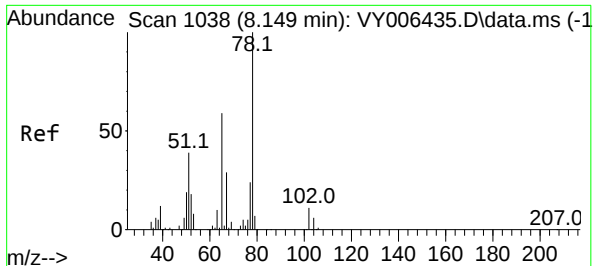


#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48



Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
69 0.0 26.6 40.0#
84 0.0 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 144.733 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006583.D

Acq: 02 Nov 2021 17:48

Instrument :

MSVOA_Y

ClientSampleId :

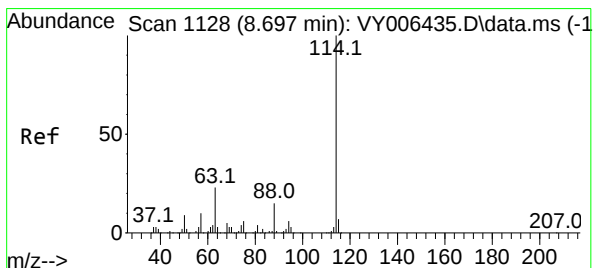
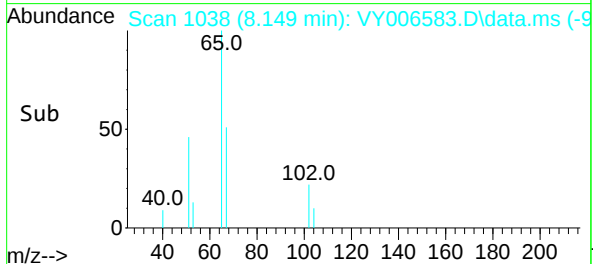
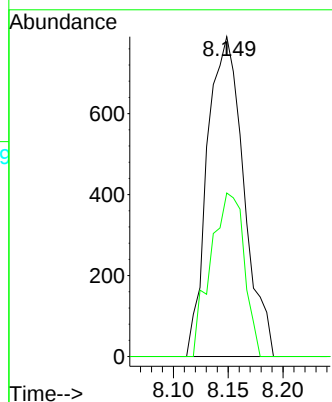
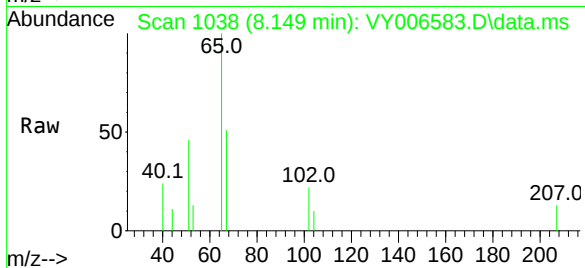
MH-HHD

Tgt Ion: 65 Resp: 1822

Ion Ratio Lower Upper

65 100

67 47.2 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006583.D

Acq: 02 Nov 2021 17:48

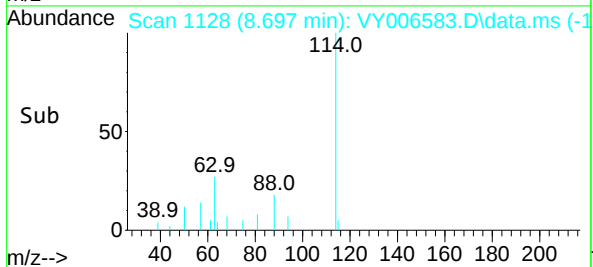
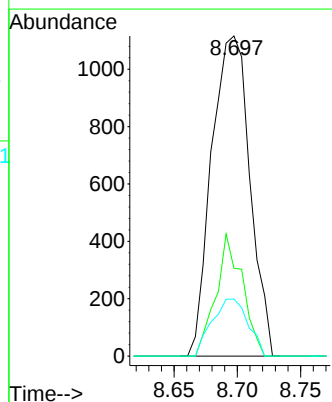
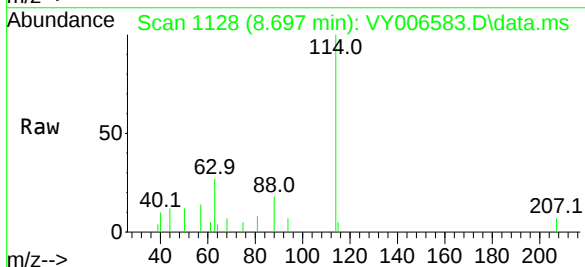
Tgt Ion: 114 Resp: 2349

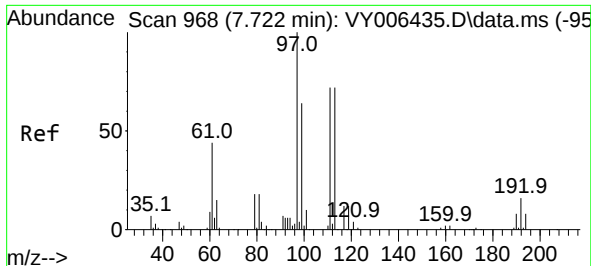
Ion Ratio Lower Upper

114 100

63 27.4 0.0 45.0

88 17.8 0.0 30.6

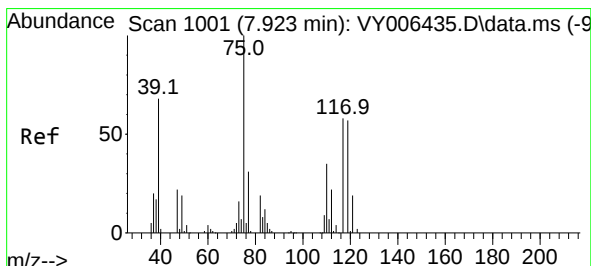
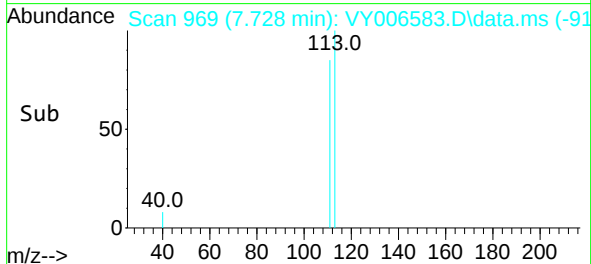
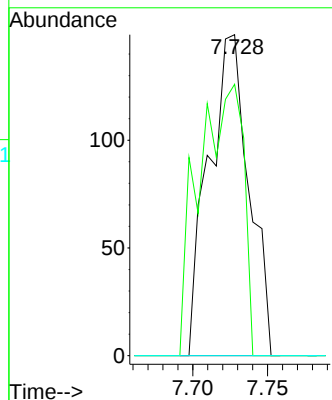
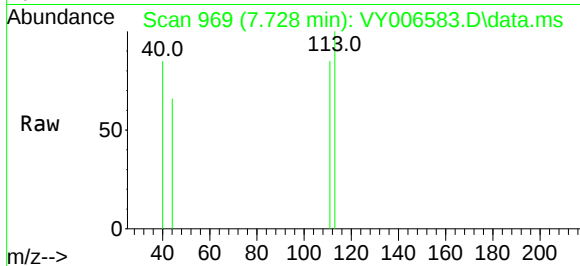




#35
Dibromofluoromethane
Concen: 21.310 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

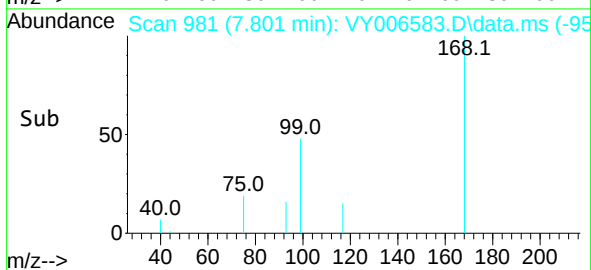
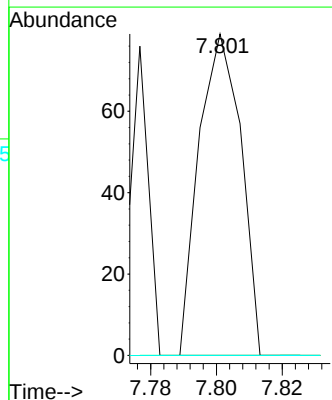
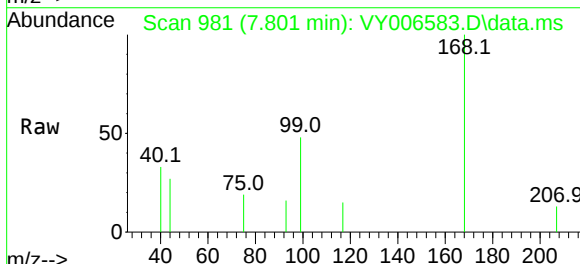
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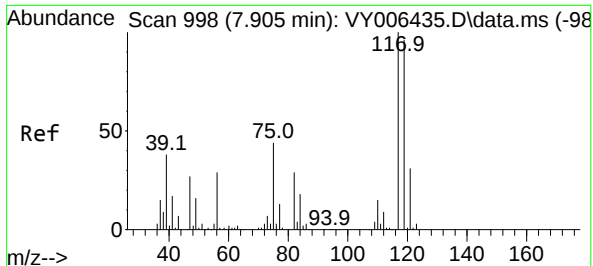
Tgt Ion:113 Resp: 279
Ion Ratio Lower Upper
113 100
111 93.5 82.3 123.5
192 0.0 17.4 26.2#



#36
1,1-Dichloropropene
Concen: 3.016 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

Tgt Ion: 75 Resp: 70
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#

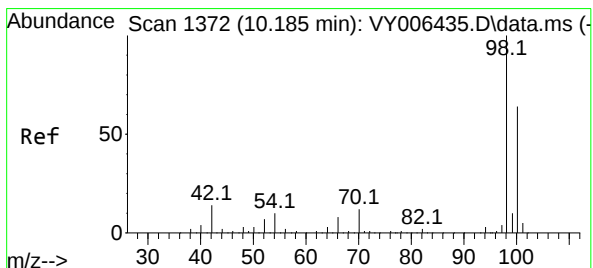
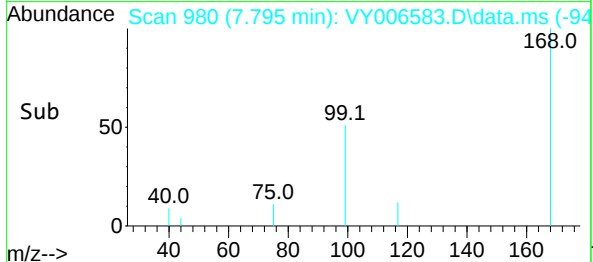
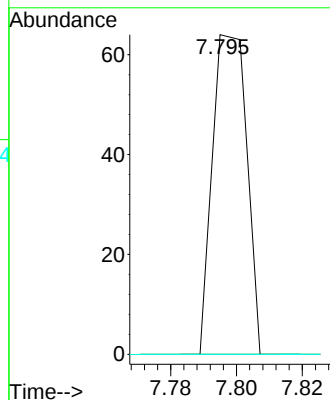
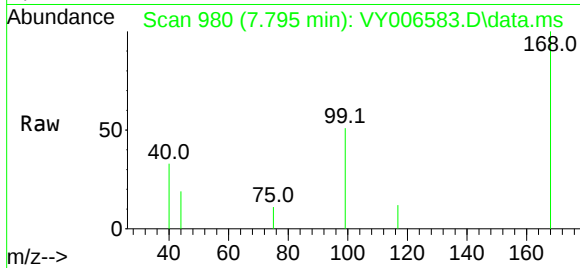




#38
Carbon Tetrachloride
Concen: 1.797 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

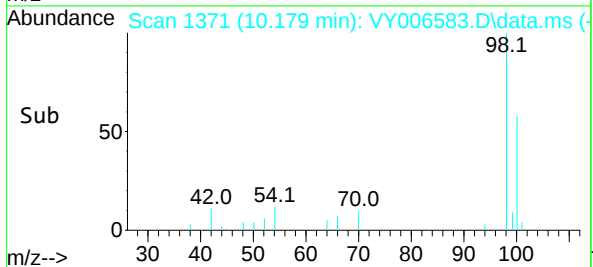
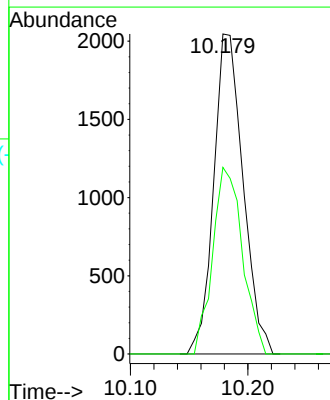
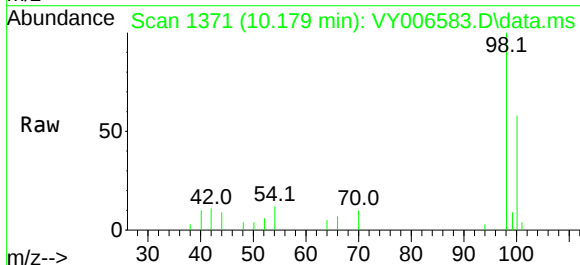
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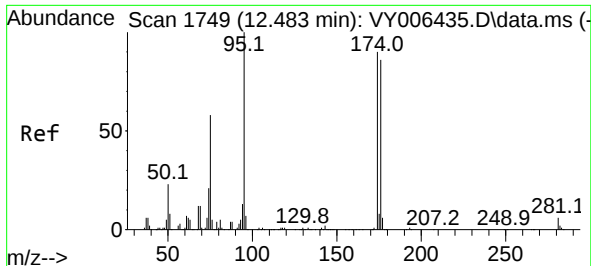
Tgt Ion:117 Resp: 46
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 63.926 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

Tgt Ion: 98 Resp: 3548
Ion Ratio Lower Upper
98 100
100 59.1 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 63.596 ug/l

RT: 12.483 min Scan# 1189

Delta R.T. -0.000 min

Lab File: VY006583.D

Acq: 02 Nov 2021 17:48

Instrument :

MSVOA_Y

ClientSampleId :

MH-HHD

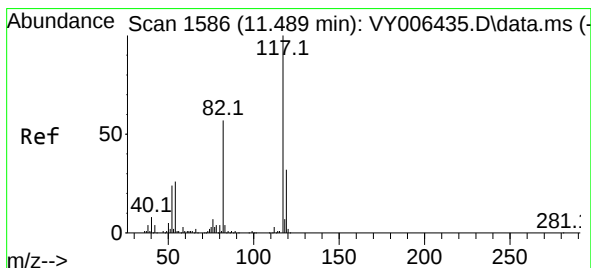
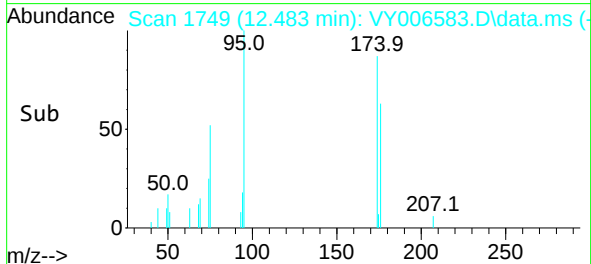
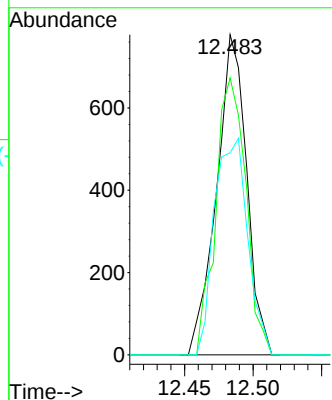
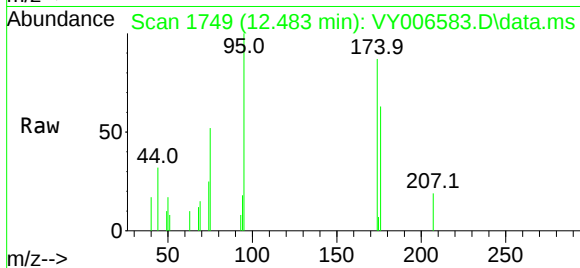
Tgt Ion: 95 Resp: 1189

Ion Ratio Lower Upper

95 100

174 86.5 0.0 177.0

176 74.9 0.0 169.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VY006583.D

Acq: 02 Nov 2021 17:48

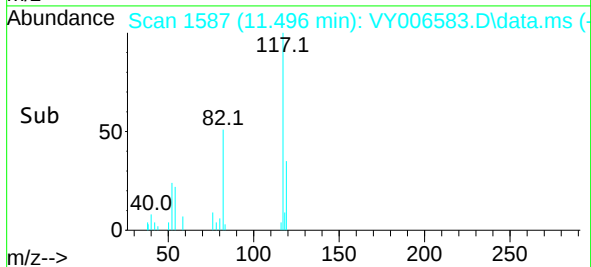
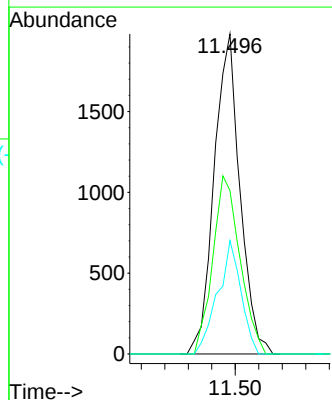
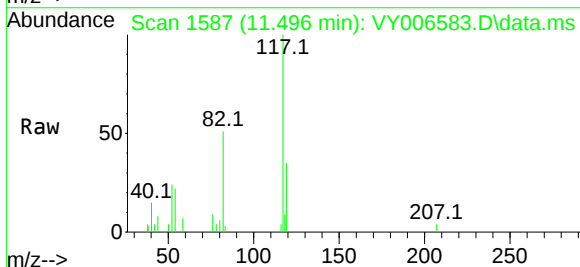
Tgt Ion: 117 Resp: 3019

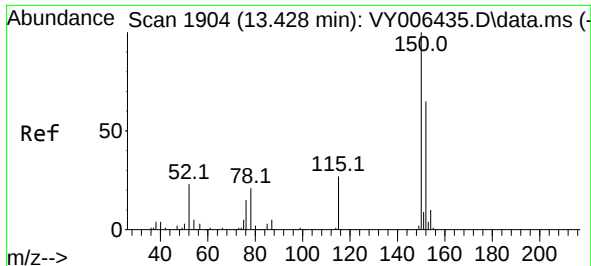
Ion Ratio Lower Upper

117 100

82 51.1 45.7 68.5

119 35.5 25.5 38.3

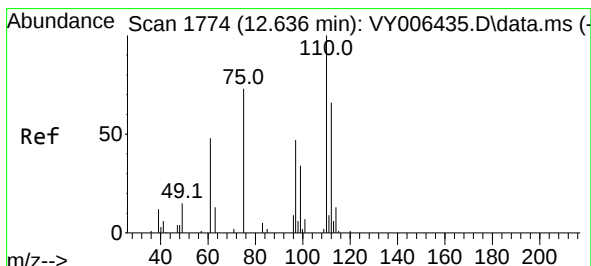
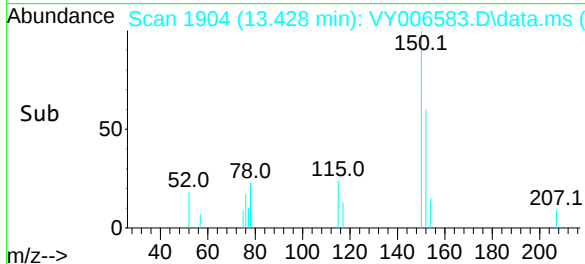
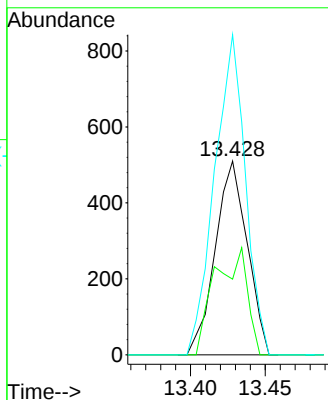
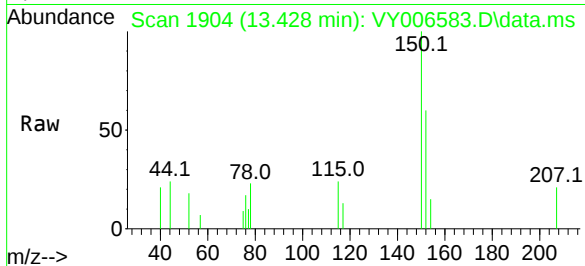




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

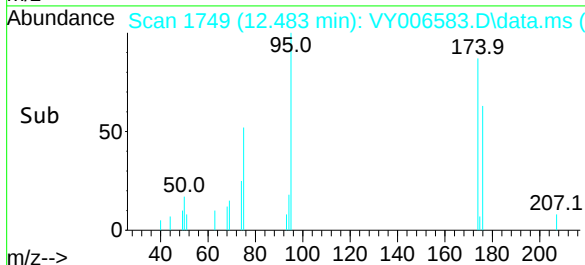
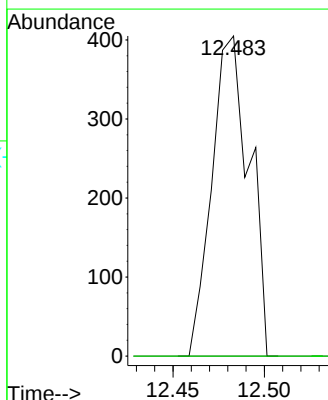
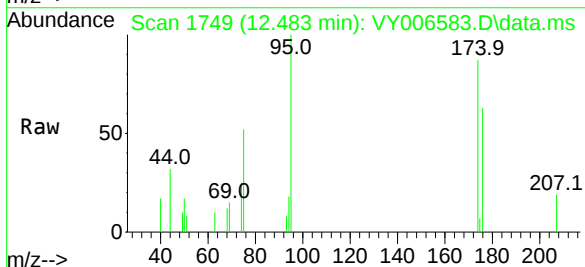
Instrument :
MSVOA_Y
ClientSampleId :
MH-HHD

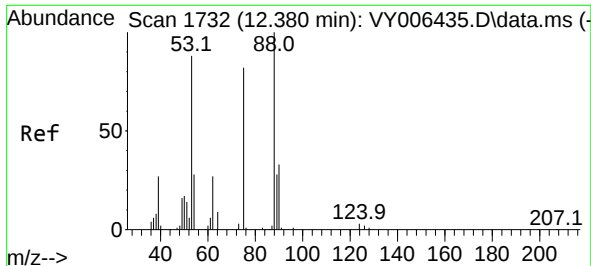
Tgt Ion:152 Resp: 758
Ion Ratio Lower Upper
152 100
115 55.7 28.5 85.5
150 159.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 73.998 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

Tgt Ion: 75 Resp: 578
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

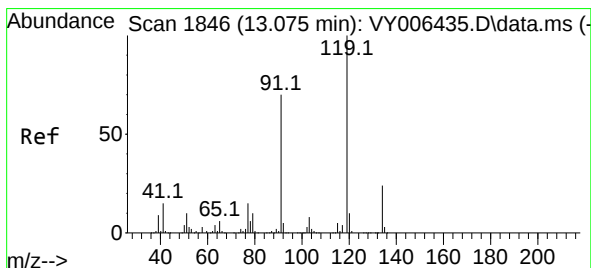
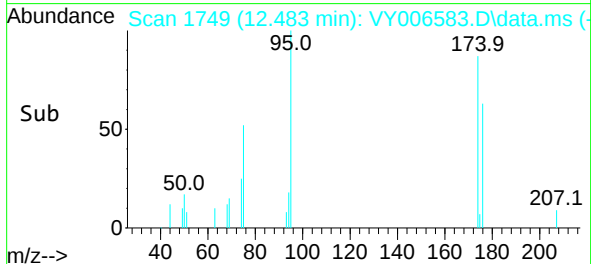
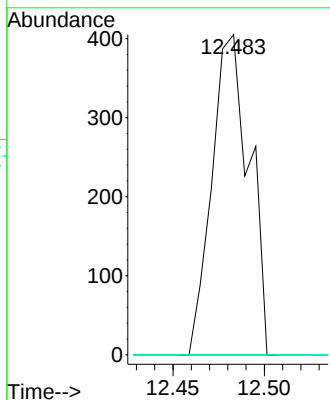
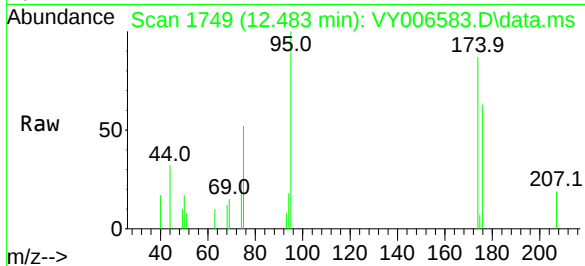




#81
trans-1,4-Dichloro-2-butene
Concen: 151.916 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

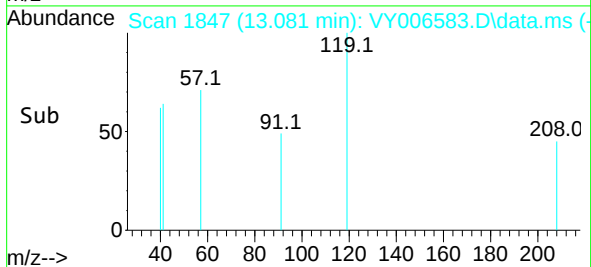
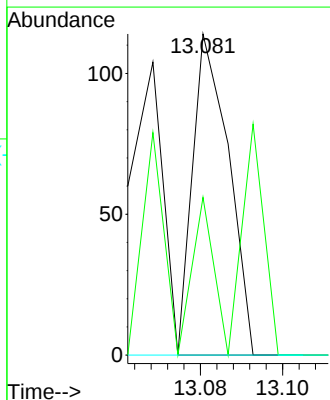
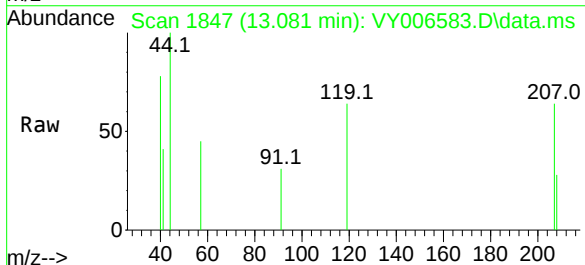
Instrument :
MSVOA_Y
ClientSampleId :
MH-HHD

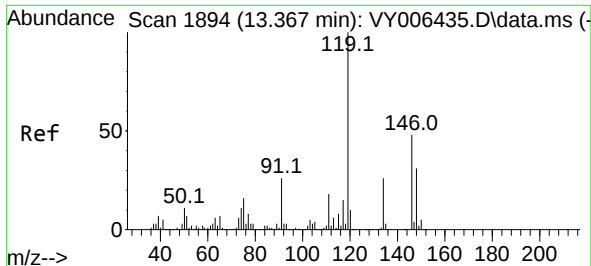
Tgt Ion: 75 Resp: 578
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#83
tert-Butylbenzene
Concen: 1.809 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY006583.D
Acq: 02 Nov 2021 17:48

Tgt Ion: 119 Resp: 69
Ion Ratio Lower Upper
119 100
91 0.0 34.8 104.5#
134 0.0 13.0 38.9#





#87

1,3-Dichlorobenzene

Concen: 1.157 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY006583.D

Acq: 02 Nov 2021 17:48

Instrument :

MSVOA_Y

ClientSampleId :

MH-HHD

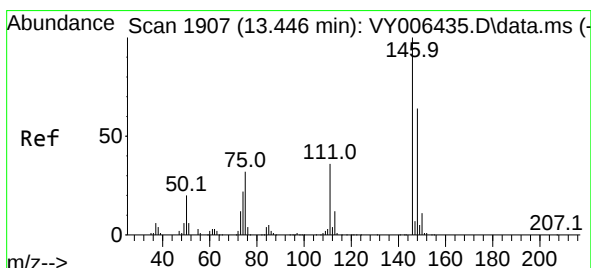
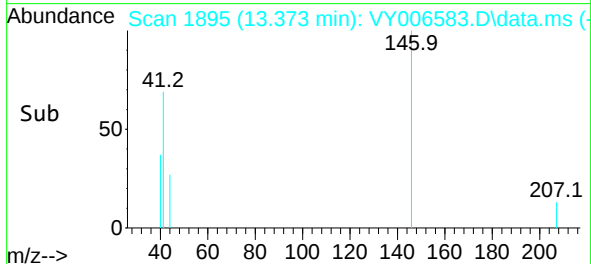
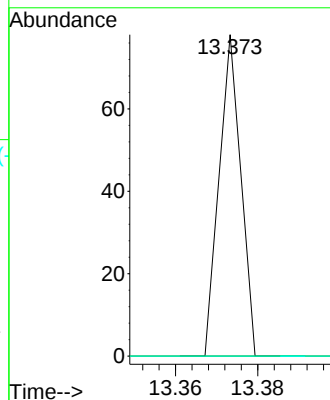
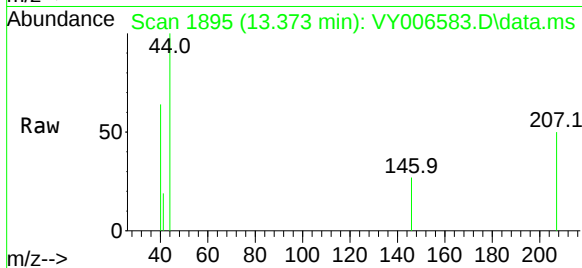
Tgt Ion:146 Resp: 29

Ion Ratio Lower Upper

146 100

111 0.0 19.3 57.9#

148 0.0 31.9 95.7#



#88

1,4-Dichlorobenzene

Concen: 1.176 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.073 min

Lab File: VY006583.D

Acq: 02 Nov 2021 17:48

Tgt Ion:146 Resp: 29

Ion Ratio Lower Upper

146 100

111 0.0 18.9 56.5#

148 0.0 32.0 96.2#

