

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007223.D
 Acq On : 19 Jan 2022 15:20
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 20 00:17:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

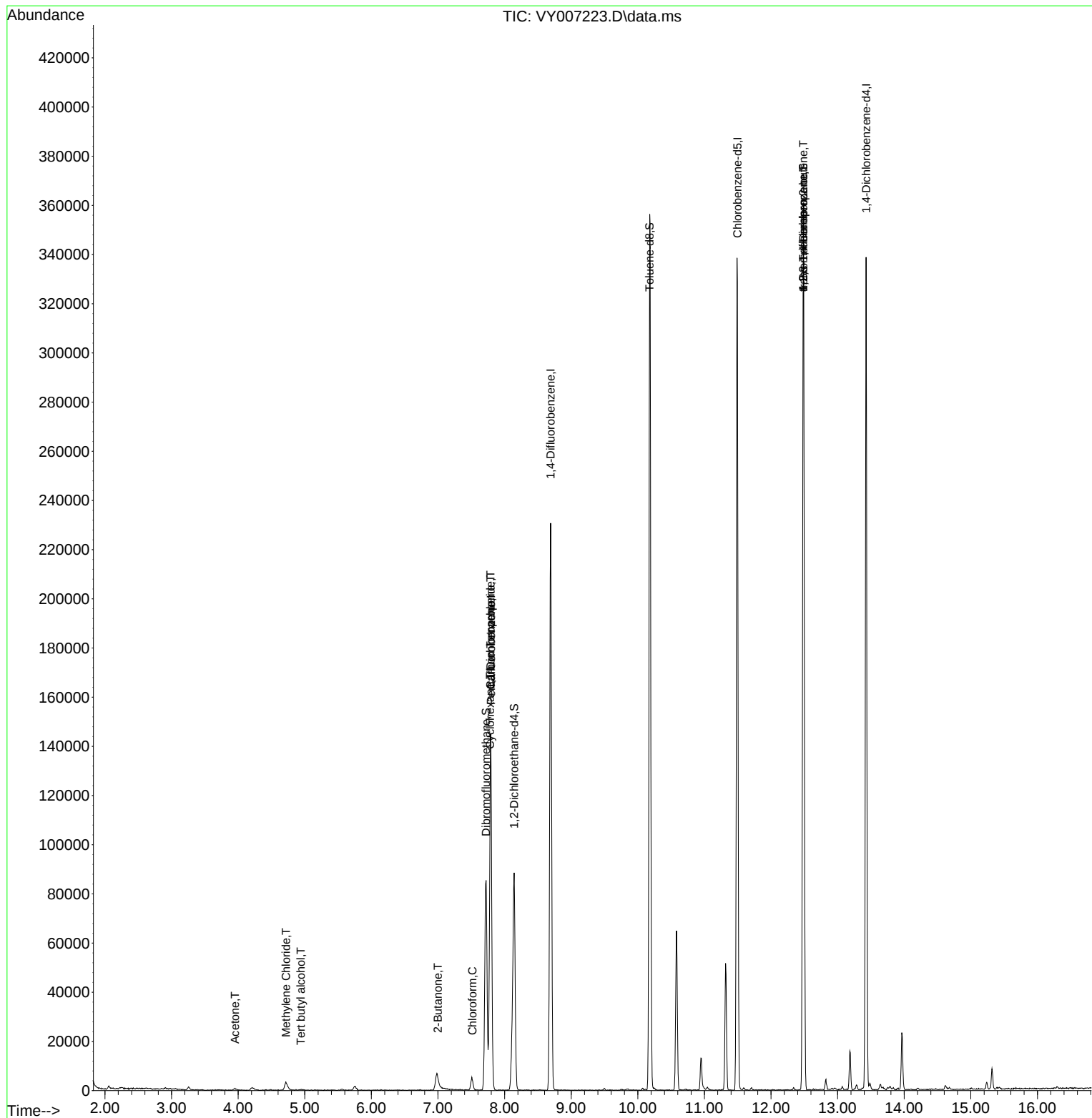
Internal Standards						
1) Pentafluorobenzene	7.795	168	101703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	176724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62814	50.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.680%	
35) Dibromofluoromethane	7.722	113	62705	48.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.880%	
50) Toluene-d8	10.179	98	232159	49.587	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.180%	
62) 4-Bromofluorobenzene	12.483	95	82232	49.377	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	682	1.628	ug/l #	73
16) Acetone	3.954	43	1327	4.097	ug/l	96
20) Methylene Chloride	4.716	84	2319	1.732	ug/l	95
25) 2-Butanone	6.996	43	649	1.550	ug/l #	47
30) Chloroform	7.514	83	4806	2.034	ug/l #	77
31) Cyclohexane	7.783	56	2560	1.213	ug/l #	59
36) 1,1-Dichloropropene	7.789	75	9670	4.725	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11271	5.236	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	47150	54.417	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47150	99.623	ug/l #	3

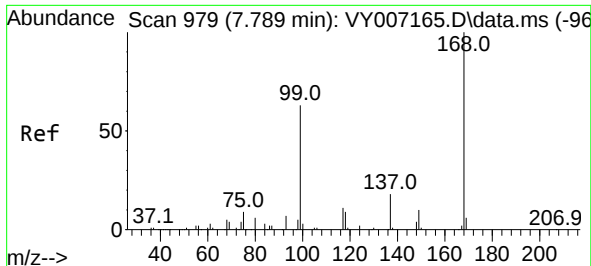
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
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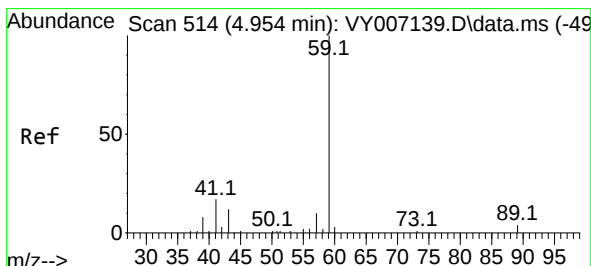
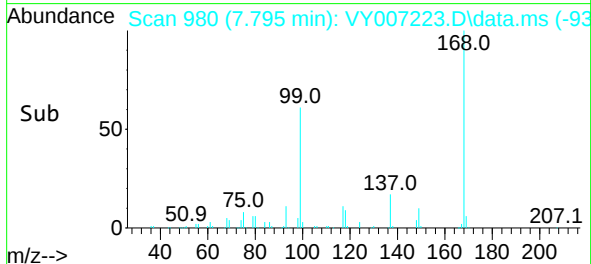
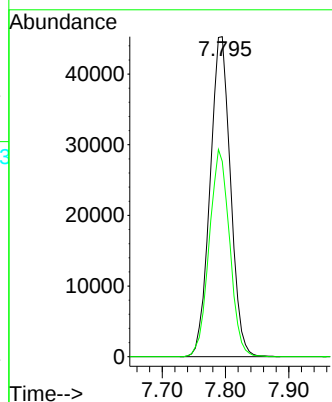
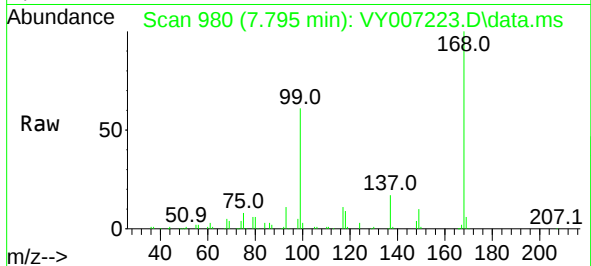




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007223.D
Acq: 19 Jan 2022 15:20

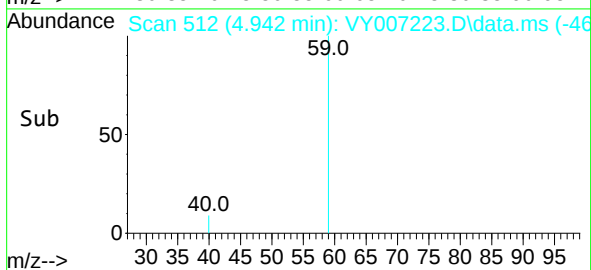
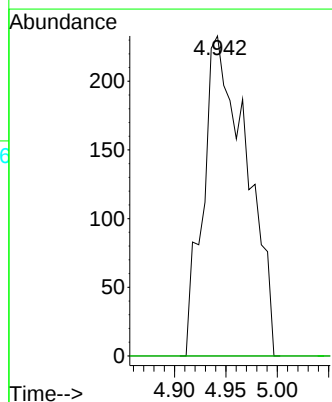
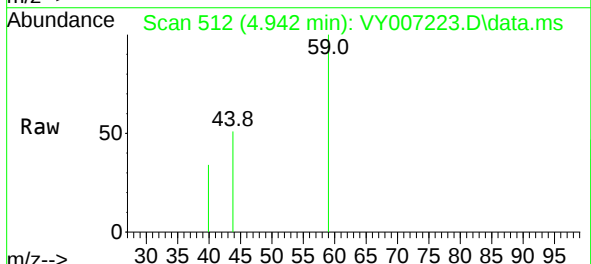
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

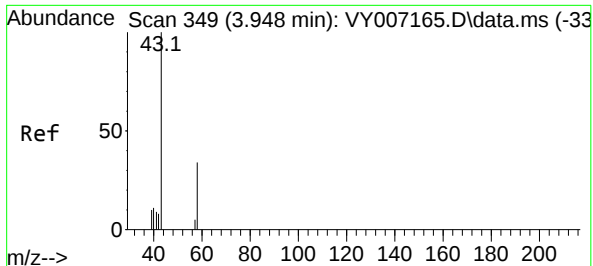
Tgt Ion:168 Resp: 101703
Ion Ratio Lower Upper
168 100
99 61.0 49.1 73.7



#11
Tert butyl alcohol
Concen: 1.628 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY007223.D
Acq: 19 Jan 2022 15:20

Tgt Ion: 59 Resp: 682
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 4.097 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY007223.D

Acq: 19 Jan 2022 15:20

Instrument :

MSVOA_Y

ClientSampleId :

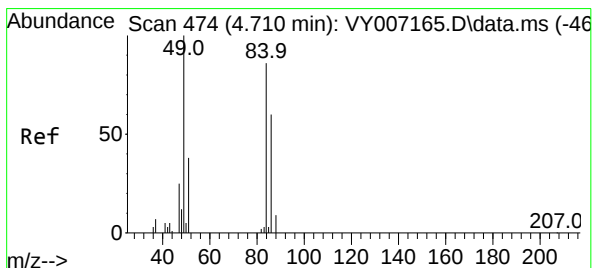
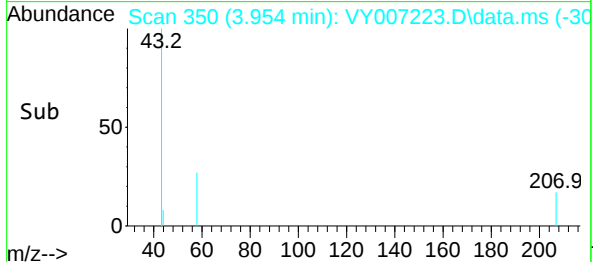
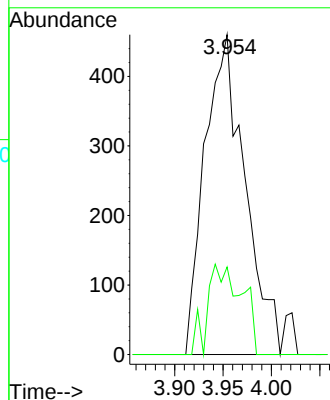
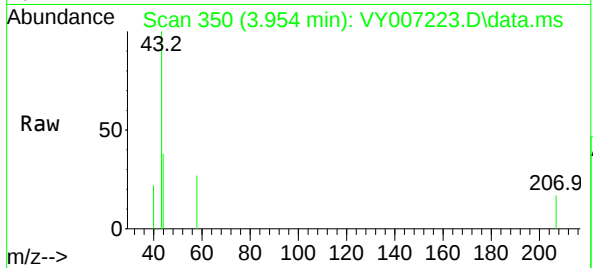
VIBLK

Tgt Ion: 43 Resp: 1327

Ion Ratio Lower Upper

43 100

58 27.4 23.8 35.6



#20

Methylene Chloride

Concen: 1.732 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY007223.D

Acq: 19 Jan 2022 15:20

Tgt Ion: 84 Resp: 2319

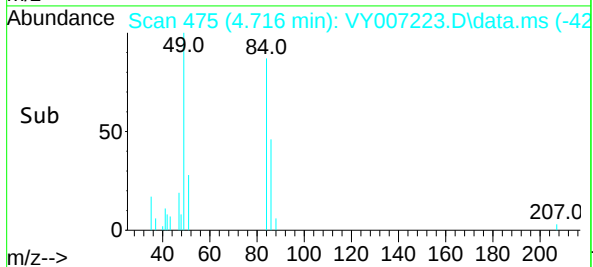
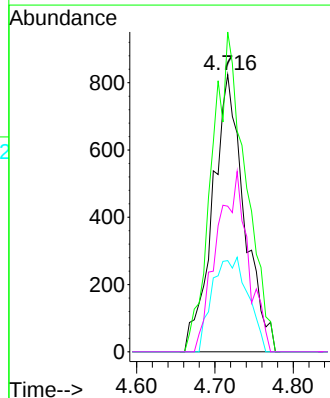
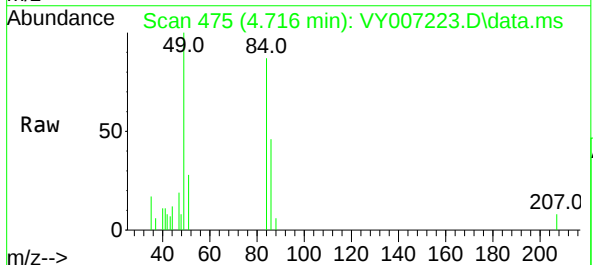
Ion Ratio Lower Upper

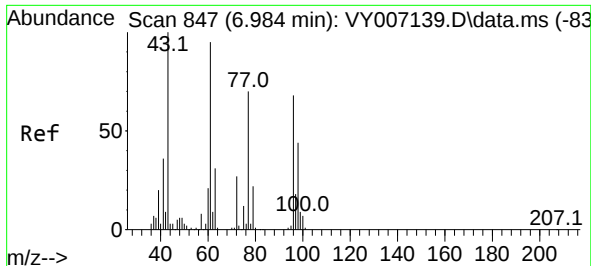
84 100

49 115.4 92.6 139.0

51 32.9 28.6 42.8

86 52.5 50.1 75.1





#25

2-Butanone

Concen: 1.550 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY007223.D

Acq: 19 Jan 2022 15:20

Instrument :

MSVOA_Y

ClientSampleId :

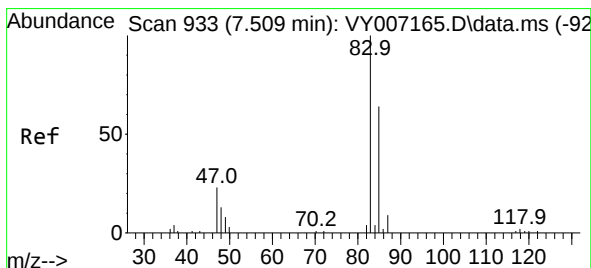
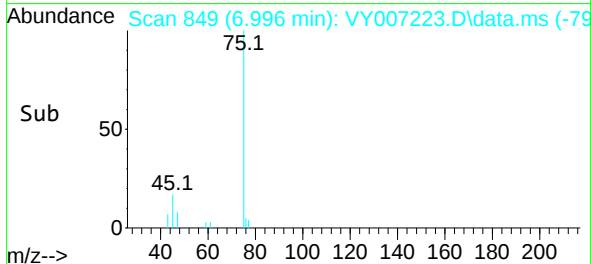
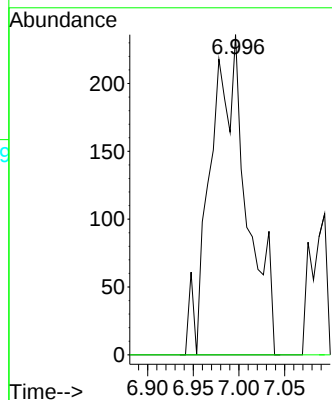
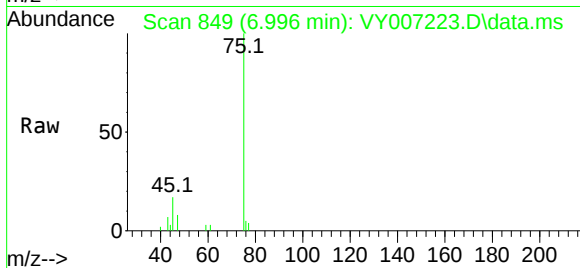
VIBLK

Tgt Ion: 43 Resp: 649

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



#30

Chloroform

Concen: 2.034 ug/l

RT: 7.514 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY007223.D

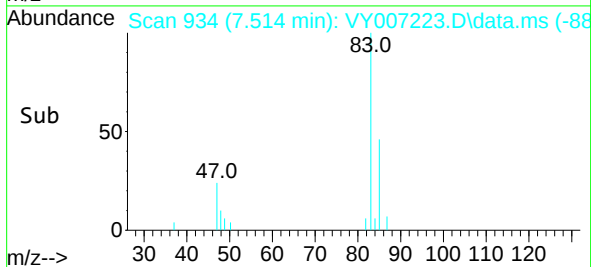
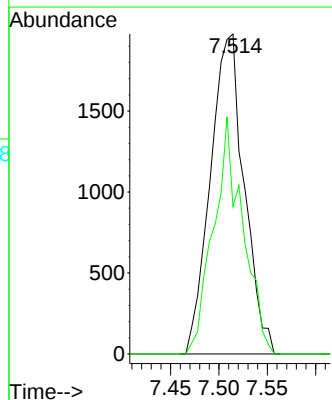
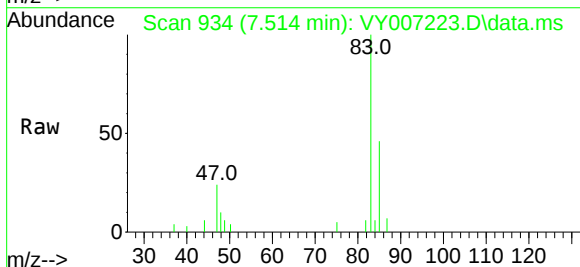
Acq: 19 Jan 2022 15:20

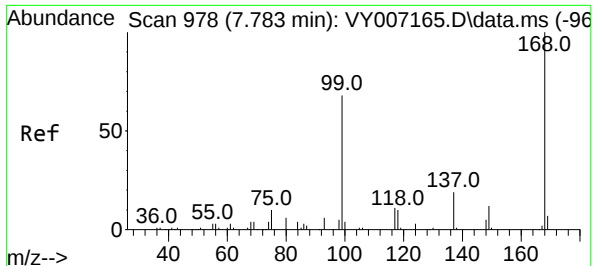
Tgt Ion: 83 Resp: 4806

Ion Ratio Lower Upper

83 100

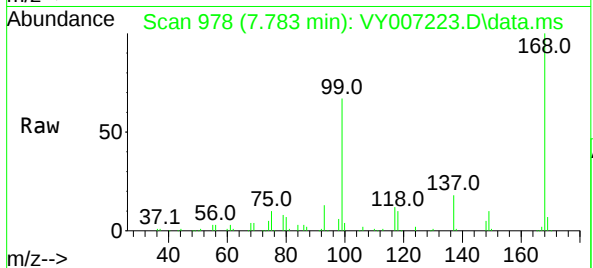
85 46.1 50.9 76.3#



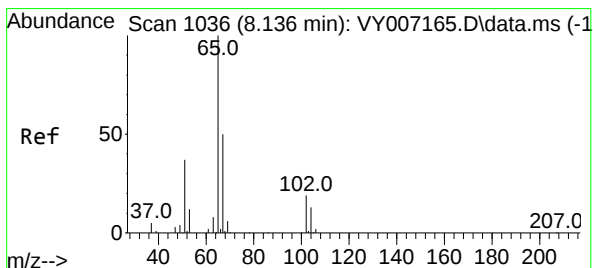
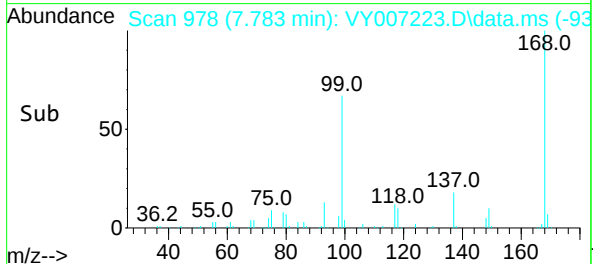
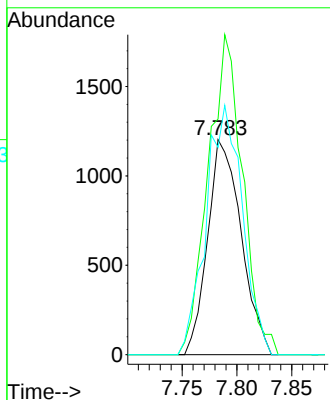


#31
Cyclohexane
Concen: 1.213 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007223.D
Acq: 19 Jan 2022 15:20

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

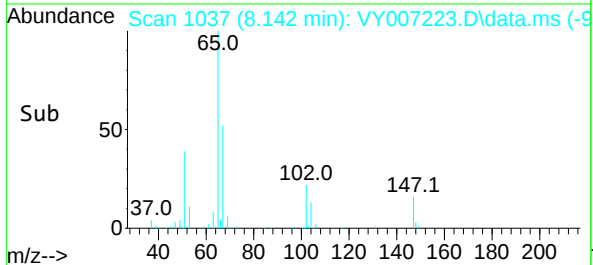
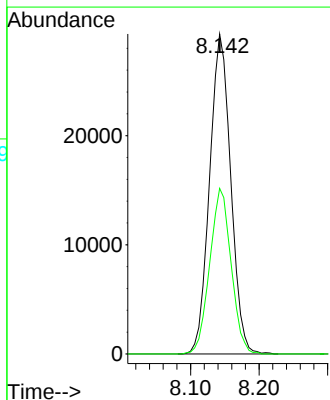
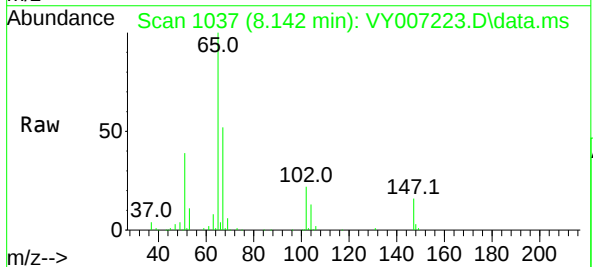


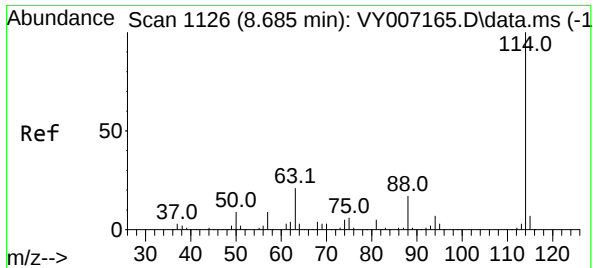
Tgt Ion: 56 Resp: 2560
Ion Ratio Lower Upper
56 100
69 109.6 27.2 40.8#
84 96.4 72.1 108.1



#33
1,2-Dichloroethane-d4
Concen: 50.335 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007223.D
Acq: 19 Jan 2022 15:20

Tgt Ion: 65 Resp: 62814
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.6

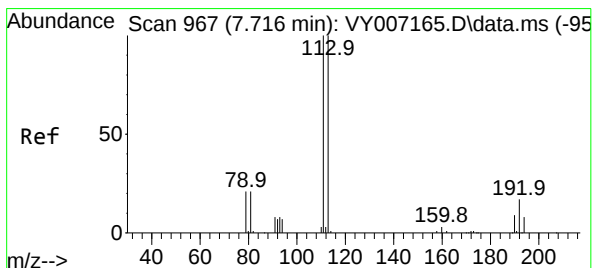
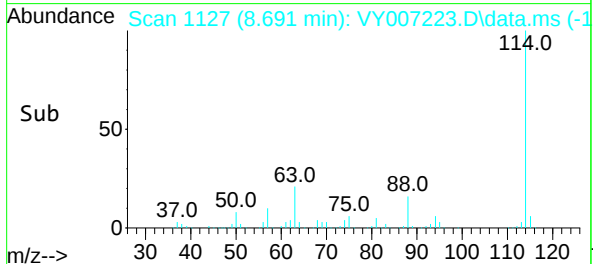
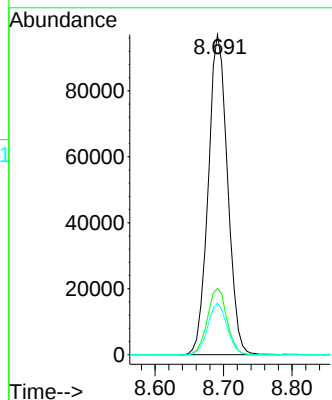
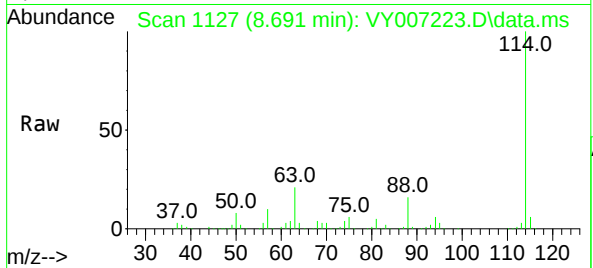




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007223.D
Acq: 19 Jan 2022 15:20

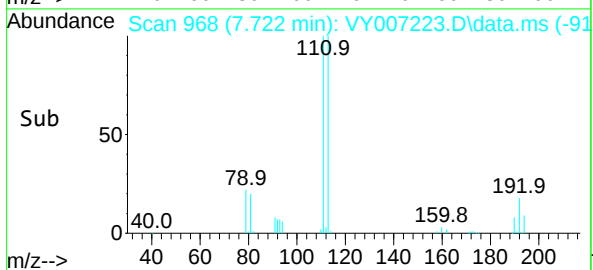
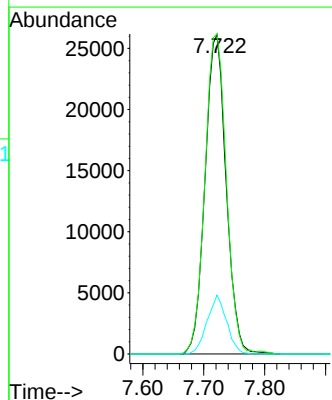
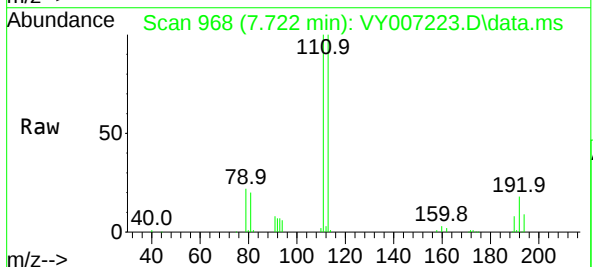
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

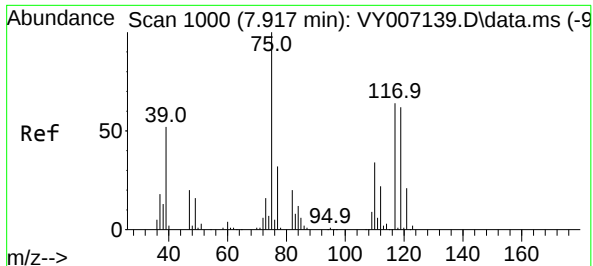
Tgt Ion:114 Resp: 189491
Ion Ratio Lower Upper
114 100
63 20.7 0.0 39.2
88 16.1 0.0 31.0



#35
Dibromofluoromethane
Concen: 48.938 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007223.D
Acq: 19 Jan 2022 15:20

Tgt Ion:113 Resp: 62705
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.0 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.725 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007223.D

Acq: 19 Jan 2022 15:20

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

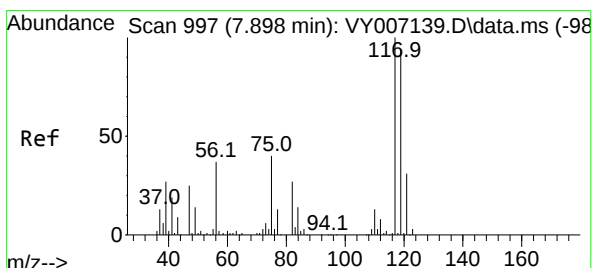
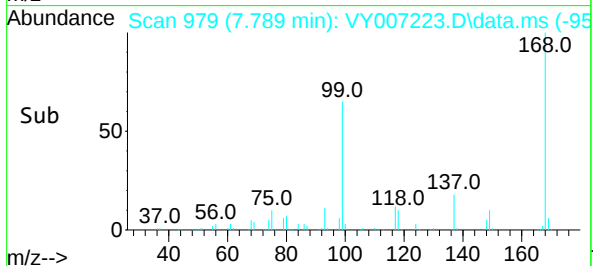
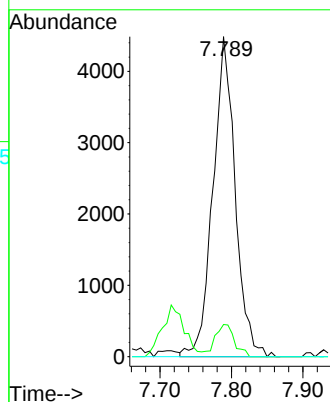
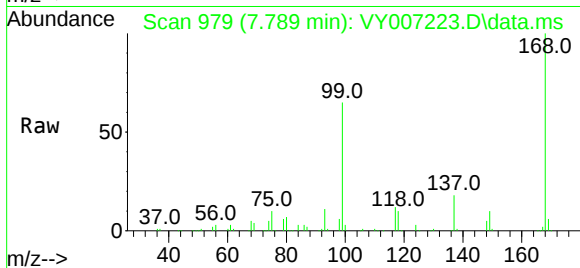
Tgt Ion: 75 Resp: 9670

Ion Ratio Lower Upper

75 100

110 8.8 17.3 51.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.236 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY007223.D

Acq: 19 Jan 2022 15:20

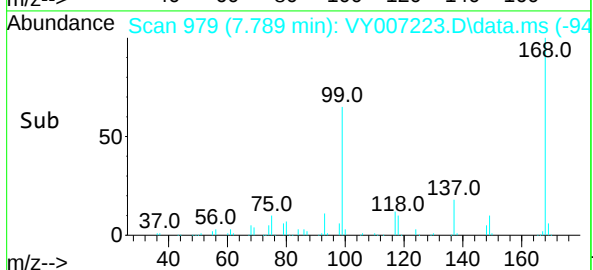
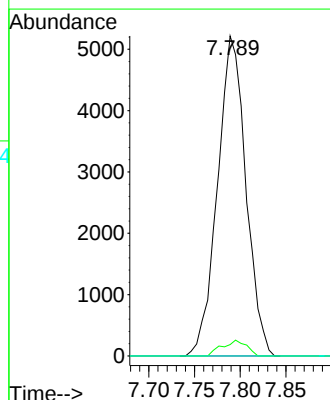
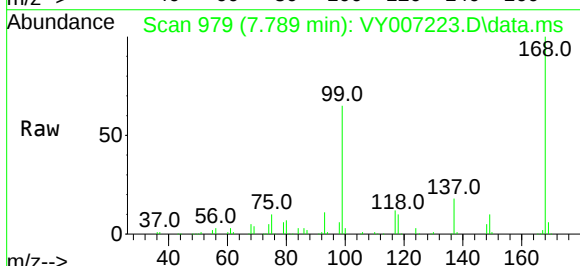
Tgt Ion: 117 Resp: 11271

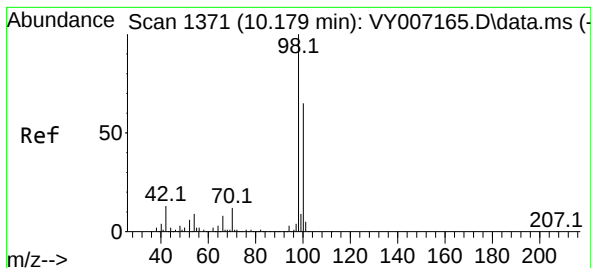
Ion Ratio Lower Upper

117 100

119 3.5 77.2 115.8#

121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 49.587 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007223.D

Acq: 19 Jan 2022 15:20

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ClientSampleId :

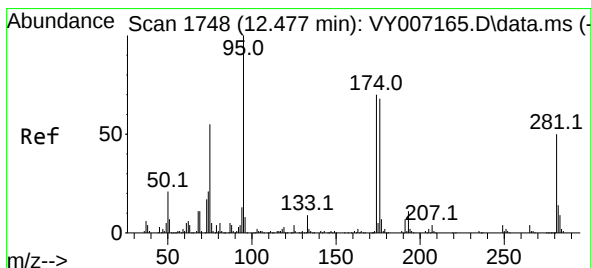
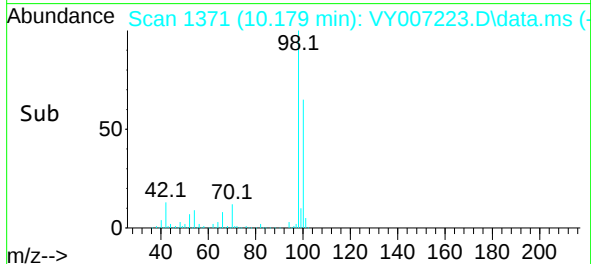
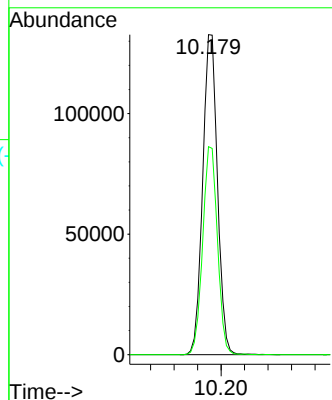
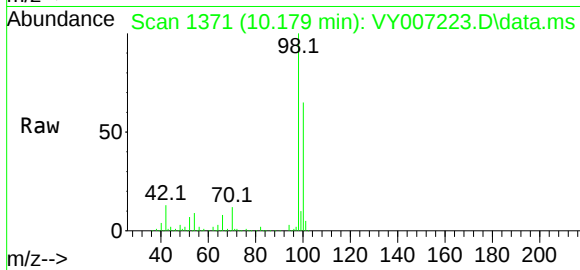
VIBLK

Tgt Ion: 98 Resp: 232159

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.377 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY007223.D

Acq: 19 Jan 2022 15:20

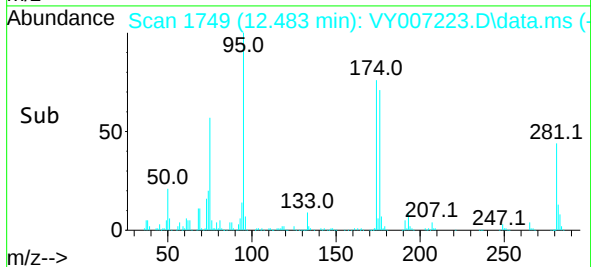
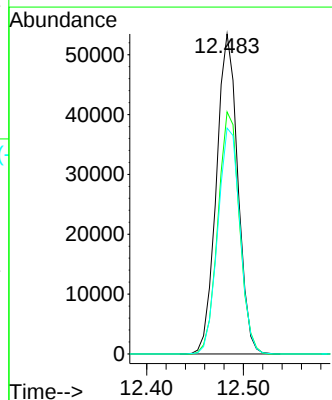
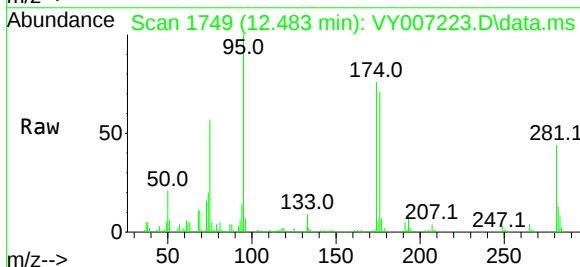
Tgt Ion: 95 Resp: 82232

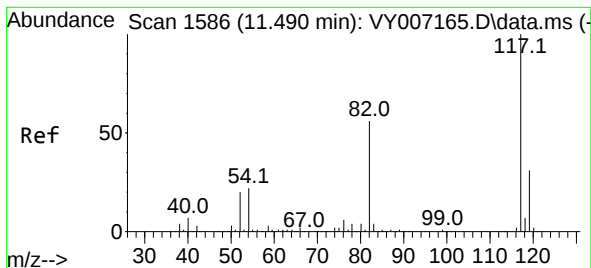
Ion Ratio Lower Upper

95 100

174 75.8 0.0 148.4

176 72.9 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007223.D

Acq: 19 Jan 2022 15:20

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

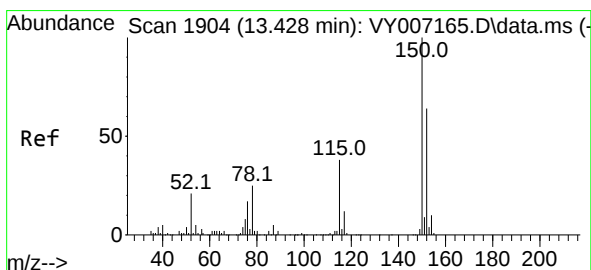
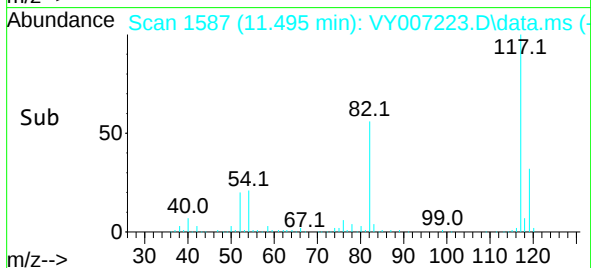
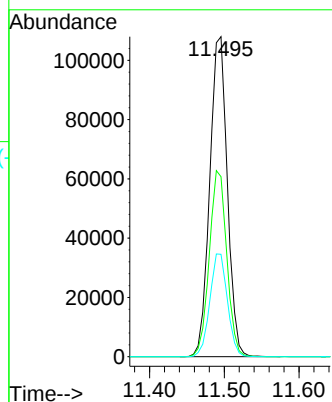
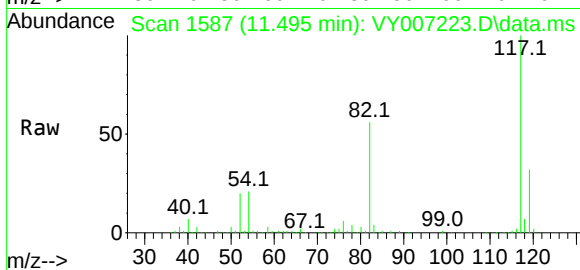
Tgt Ion:117 Resp: 176724

Ion Ratio Lower Upper

117 100

82 56.3 45.4 68.0

119 32.0 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: VY007223.D

Acq: 19 Jan 2022 15:20

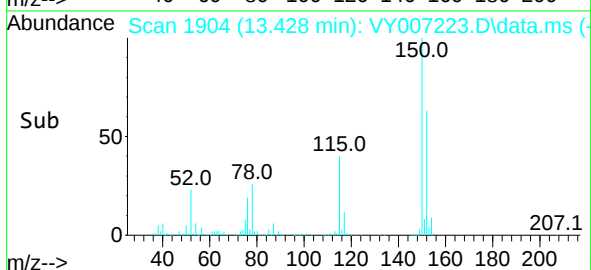
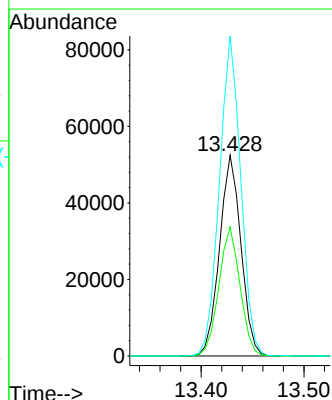
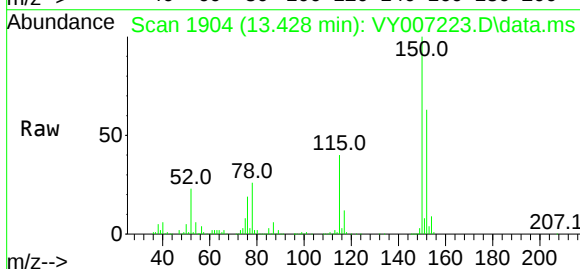
Tgt Ion:152 Resp: 75987

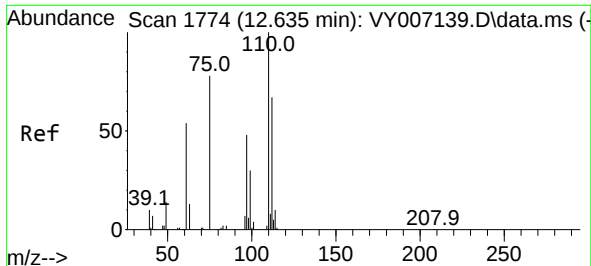
Ion Ratio Lower Upper

152 100

115 63.3 31.4 94.0

150 158.7 0.0 348.4

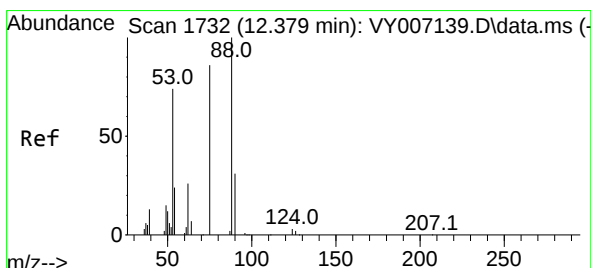
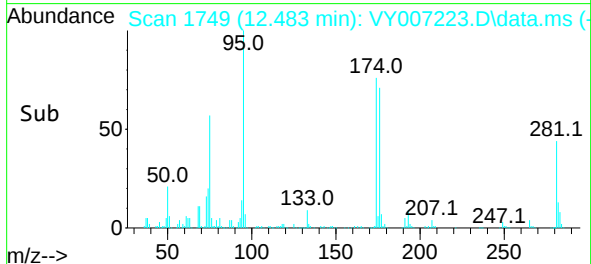
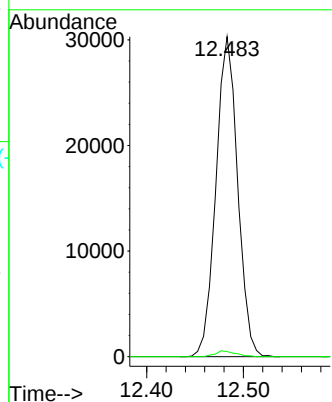
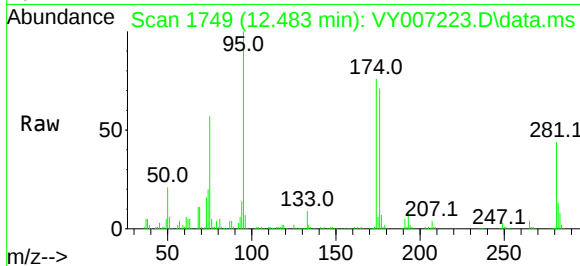




#76
1,2,3-Trichloropropane
Concen: 54.417 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007223.D
Acq: 19 Jan 2022 15:20

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 47150
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.623 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007223.D
Acq: 19 Jan 2022 15:20

Tgt Ion: 75 Resp: 47150
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 1.0 0.0 0.0#

