

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007222.D
 Acq On : 19 Jan 2022 14:47
 Operator : SY/MD
 Sample : N1145-10
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A3-10-7.0

Quant Time: Jan 20 00:16:51 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	7.789	168	101610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	180478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78588	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69375	55.644	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.280%	
35) Dibromofluoromethane	7.722	113	63212	49.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.120%	
50) Toluene-d8	10.185	98	235353	50.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	12.483	95	86595	52.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.460%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	926	3.974	ug/l #	73
13) Acrolein	3.698	56	2872	102.872	ug/l #	1
14) Allyl chloride	4.600	41	2386	1.294	ug/l #	44
15) Acrylonitrile	5.253	53	2953	9.521	ug/l #	37
16) Acetone	3.948	43	21166	65.415	ug/l #	82
18) Methyl Acetate	4.564	43	1162	1.009	ug/l #	49
20) Methylene Chloride	4.710	84	2464	1.842	ug/l #	50
25) 2-Butanone	6.984	43	4767	11.395	ug/l	94
29) Tetrahydrofuran	7.356	42	440	1.636	ug/l #	35
31) Cyclohexane	7.776	56	36930	17.520	ug/l	86
36) 1,1-Dichloropropene	7.789	75	8899	4.368	ug/l #	44
37) Ethyl Acetate	6.984	43	4767	4.559	ug/l #	67
38) Carbon Tetrachloride	7.789	117	11357	5.300	ug/l #	15
39) Methylcyclohexane	9.185	83	30313	12.186	ug/l	88
43) Isopropyl Acetate	8.270	43	6046	2.972	ug/l #	51
48) Methyl methacrylate	9.325	41	1938	2.094	ug/l #	26
51) 4-Methyl-2-Pentanone	10.118	43	5364	5.200	ug/l #	83
52) Toluene	10.246	92	16773	4.869	ug/l	100
55) 1,1,2-Trichloroethane	10.617	97	5826	5.256	ug/l #	23
59) 2-Hexanone	10.800	43	6341	9.058	ug/l #	23
67) Ethyl Benzene	11.593	91	1084936	146.277	ug/l	100
68) m/p-Xylenes	11.703	106	245899	89.214	ug/l	99
69) o-Xylene	12.032	106	68572	26.418	ug/l	96
73) Isopropylbenzene	12.331	105	49538	7.298	ug/l	98
74) N-amyl acetate	12.123	43	4941	2.722	ug/l #	58
76) 1,2,3-Trichloropropane	12.483	75	50488	56.341	ug/l #	100
78) n-propylbenzene	12.672	91	153030	18.187	ug/l	100
79) 2-Chlorotoluene	12.769	91	7496	1.602	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.812	105	34670	6.221	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.483	75	50488	103.145	ug/l #	3
82) 4-Chlorotoluene	12.769	91	7496	1.536	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.123	105	35322	6.394	ug/l	98
85) sec-Butylbenzene	13.257	105	9247	1.283	ug/l #	60
89) n-Butylbenzene	13.696	91	15665	2.687	ug/l #	75
90) Hexachloroethane	13.977	117	5758	4.975	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.300	75	322	1.413	ug/l #	3

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Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

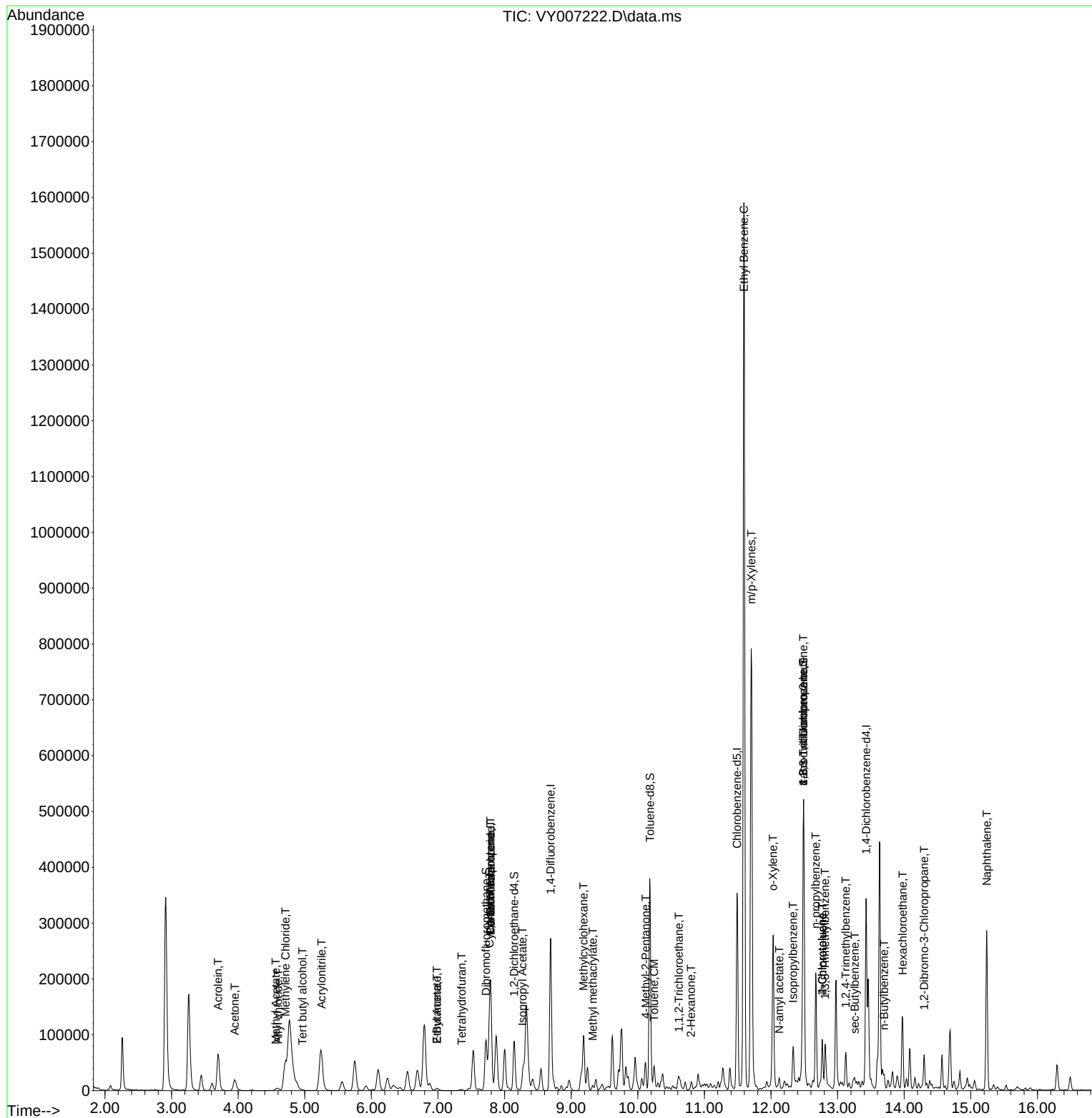
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.239	128	219081	65.944	ug/l	99

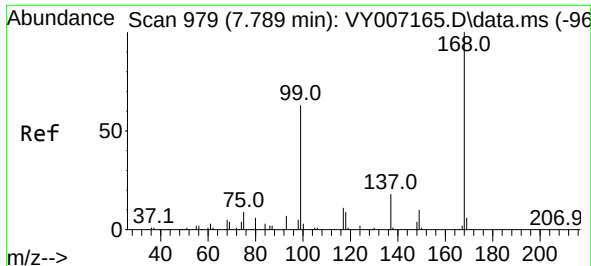
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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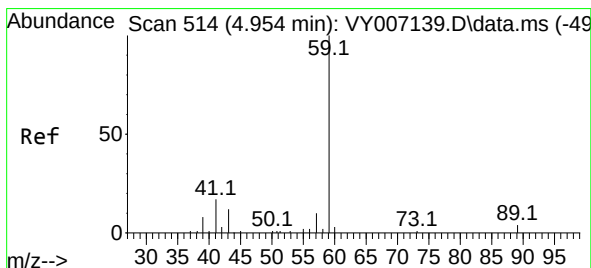
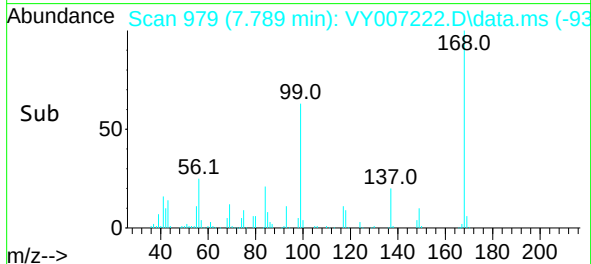
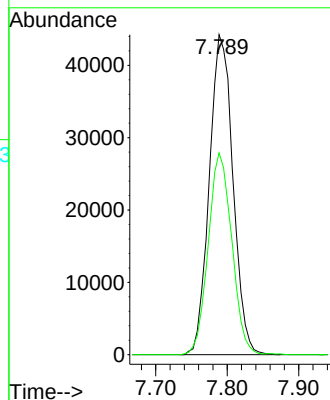
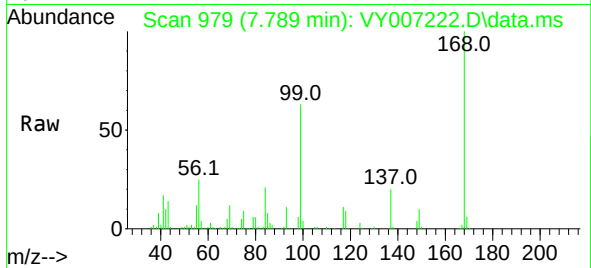




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

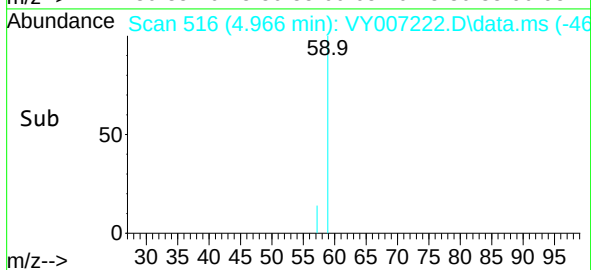
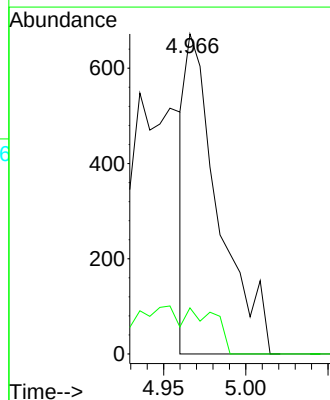
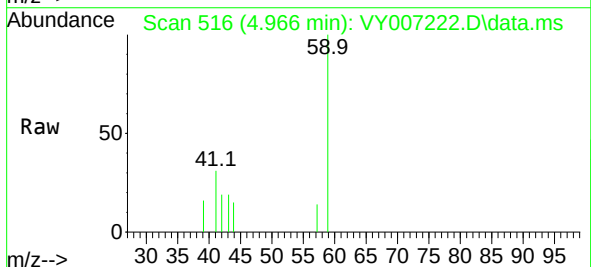
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

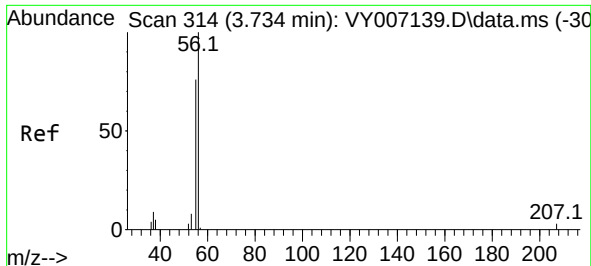
Tgt Ion:168 Resp: 101610
Ion Ratio Lower Upper
168 100
99 63.0 49.1 73.7



#11
Tert butyl alcohol
Concen: 3.974 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 59 Resp: 926
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

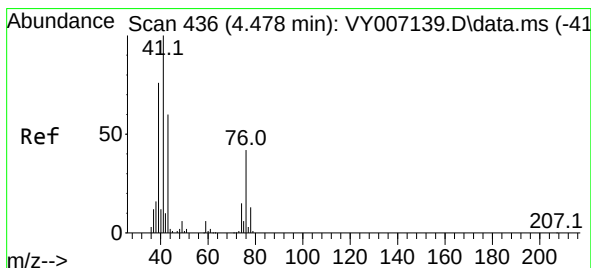
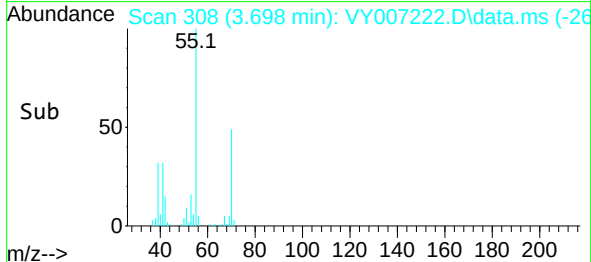
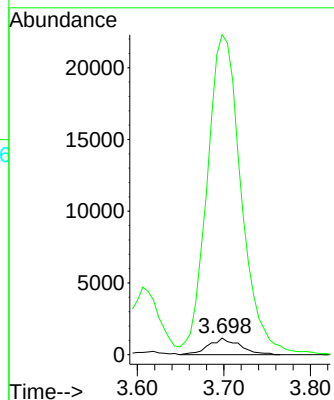
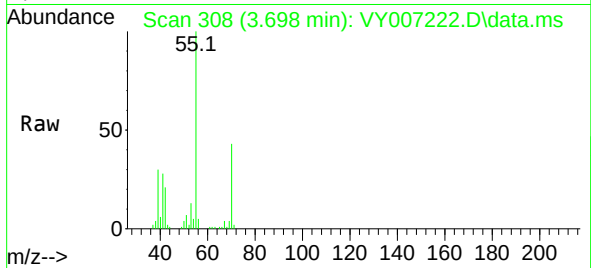




#13
Acrolein
Concen: 102.872 ug/l
RT: 3.698 min Scan# 308
Delta R.T. -0.036 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

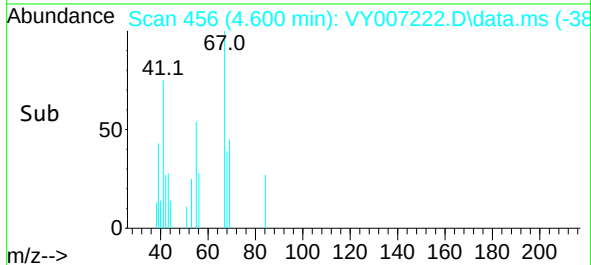
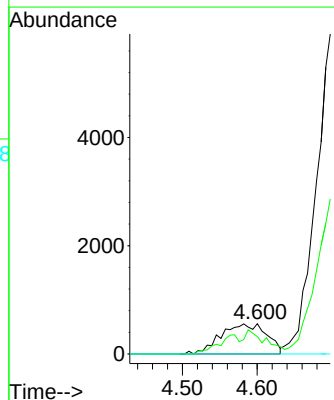
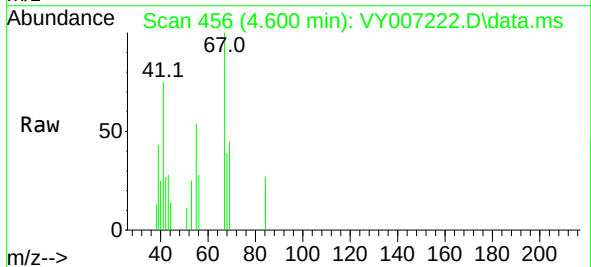
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

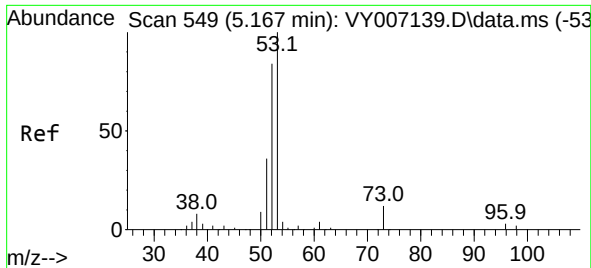
Tgt Ion: 56 Resp: 2872
Ion Ratio Lower Upper
56 100
55 2132.6 55.7 83.5#



#14
Allyl chloride
Concen: 1.294 ug/l
RT: 4.600 min Scan# 456
Delta R.T. 0.122 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 41 Resp: 2386
Ion Ratio Lower Upper
41 100
39 28.5 56.1 84.1#
76 0.0 31.4 47.2#





#15

Acrylonitrile

Concen: 9.521 ug/l

RT: 5.253 min Scan# 5

Delta R.T. 0.085 min

Lab File: VY007222.D

Acq: 19 Jan 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :

A3-10-7.0

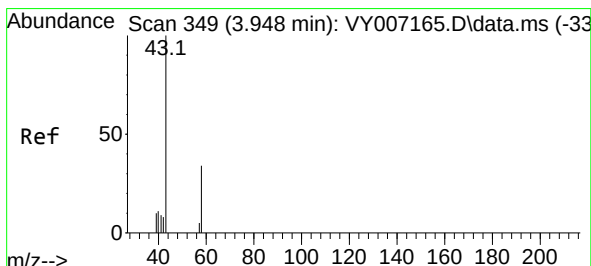
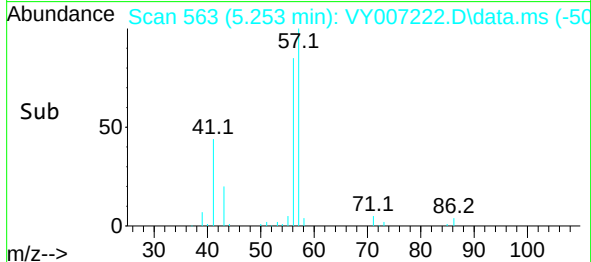
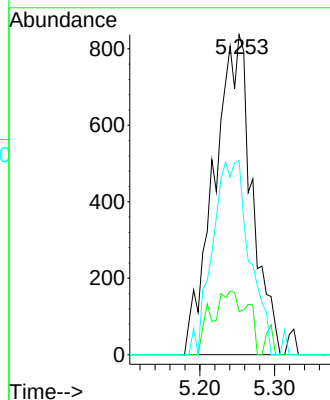
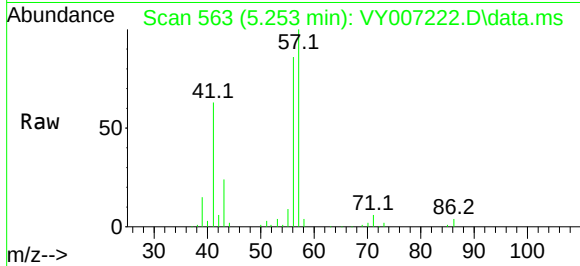
Tgt Ion: 53 Resp: 2953

Ion Ratio Lower Upper

53 100

52 15.1 65.4 98.2#

51 58.9 29.4 44.2#



#16

Acetone

Concen: 65.415 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007222.D

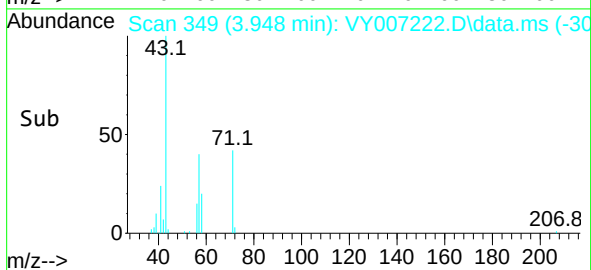
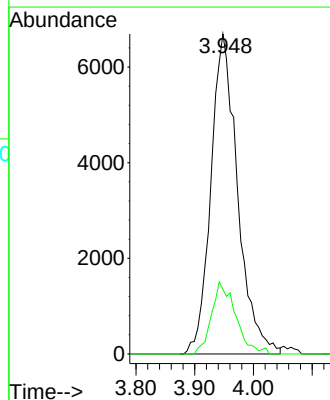
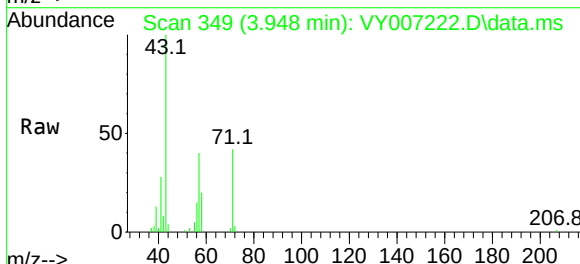
Acq: 19 Jan 2022 14:47

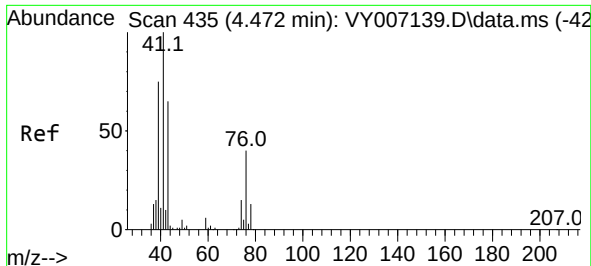
Tgt Ion: 43 Resp: 21166

Ion Ratio Lower Upper

43 100

58 20.2 23.8 35.6#

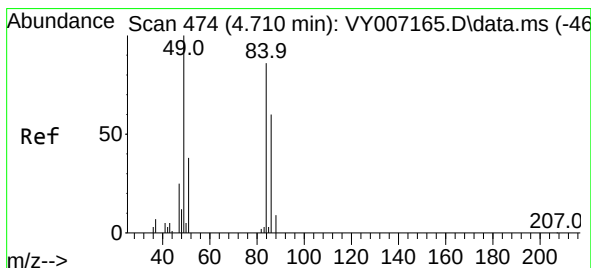
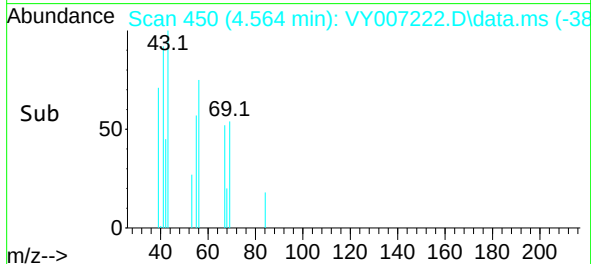
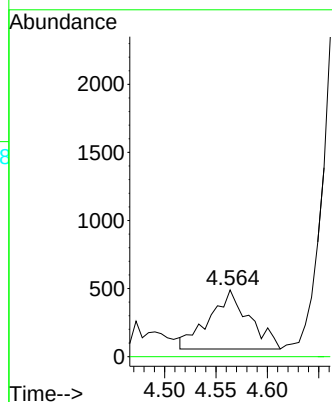
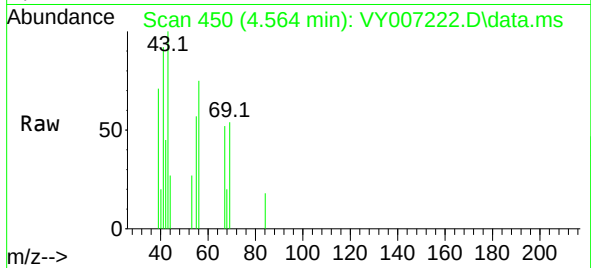




#18
Methyl Acetate
Concen: 1.009 ug/l
RT: 4.564 min Scan# 411
Delta R.T. 0.092 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

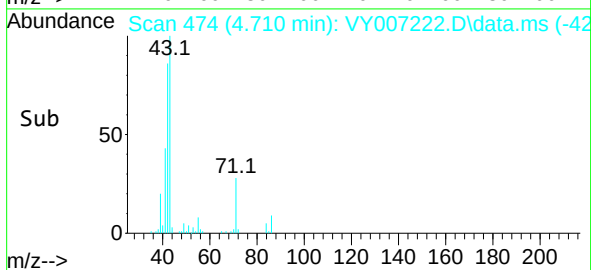
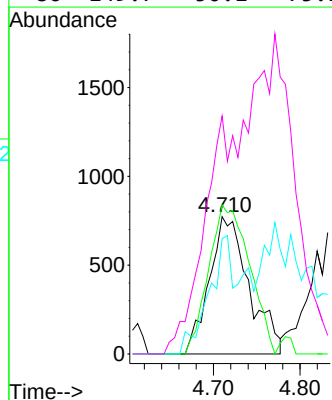
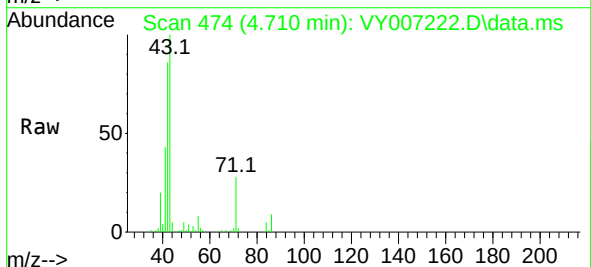
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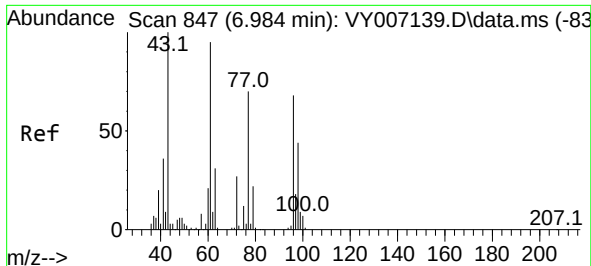
Tgt Ion: 43 Resp: 1162
Ion Ratio Lower Upper
43 100
74 0.0 20.9 31.3#



#20
Methylene Chloride
Concen: 1.842 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 84 Resp: 2464
Ion Ratio Lower Upper
84 100
49 108.7 92.6 139.0
51 84.1 28.6 42.8#
86 149.7 50.1 75.1#

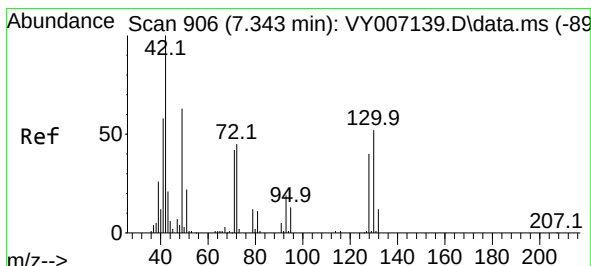
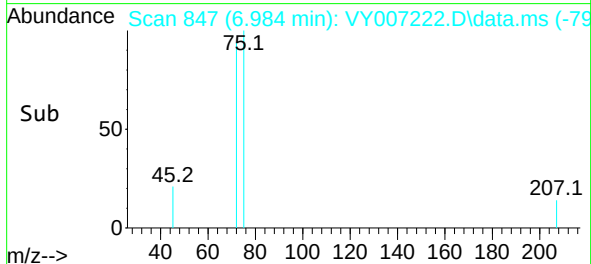
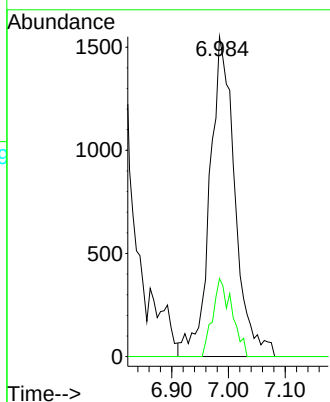
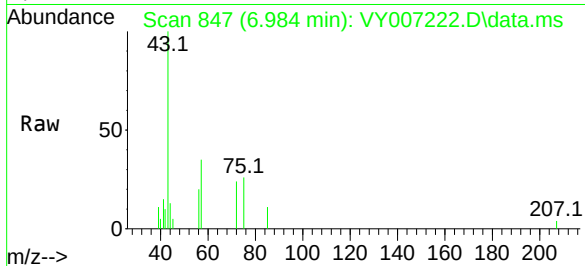




#25
2-Butanone
Concen: 11.395 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

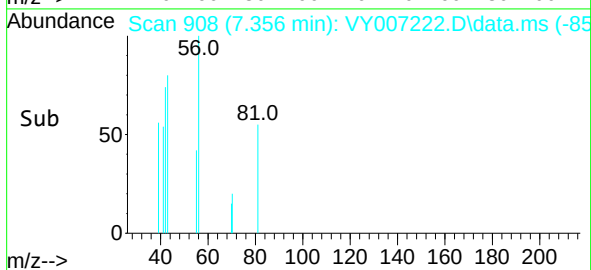
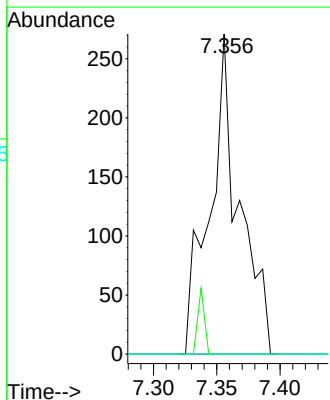
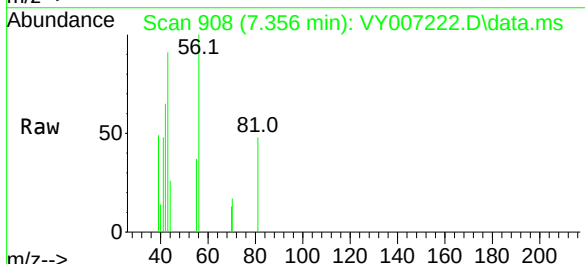
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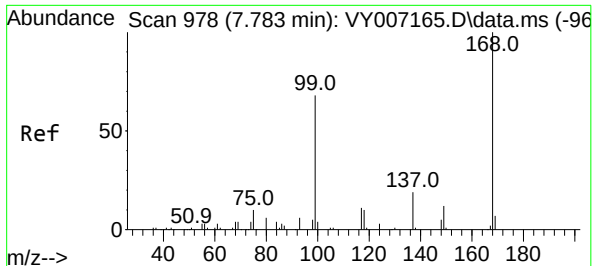
Tgt Ion: 43 Resp: 4767
Ion Ratio Lower Upper
43 100
72 24.4 21.9 32.9



#29
Tetrahydrofuran
Concen: 1.636 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 42 Resp: 440
Ion Ratio Lower Upper
42 100
72 4.5 36.6 54.8#
71 0.0 34.1 51.1#





#31

Cyclohexane

Concen: 17.520 ug/l

RT: 7.776 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY007222.D

Acq: 19 Jan 2022 14:47

Instrument :

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ClientSampleId :

A3-10-7.0

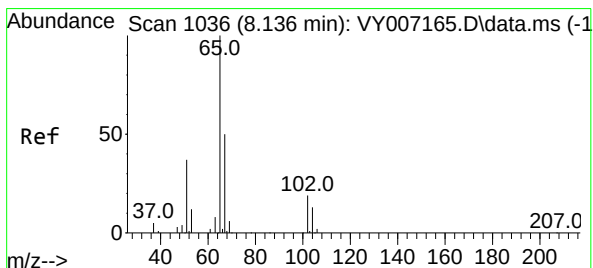
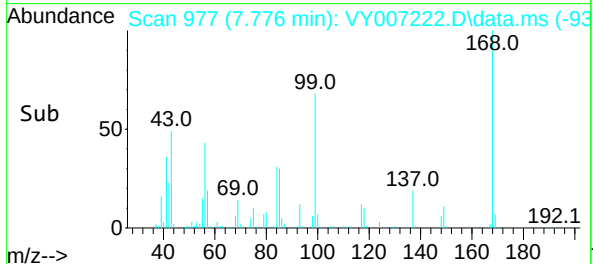
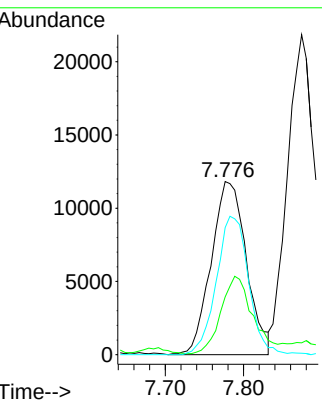
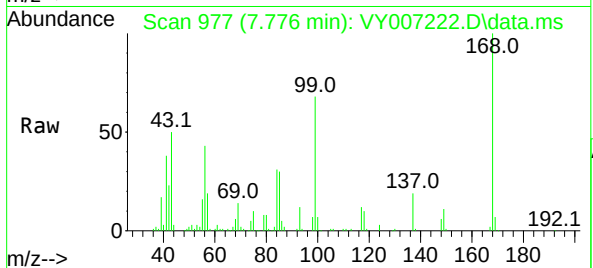
Tgt Ion: 56 Resp: 36930

Ion Ratio Lower Upper

56 100

69 30.9 27.2 40.8

84 73.4 72.1 108.1



#33

1,2-Dichloroethane-d4

Concen: 55.644 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007222.D

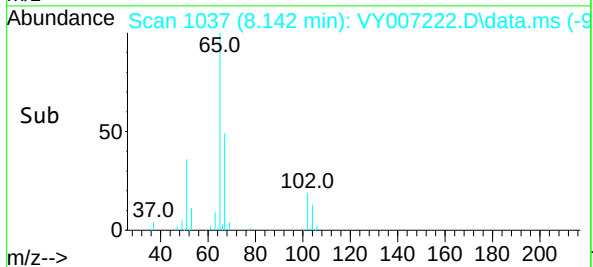
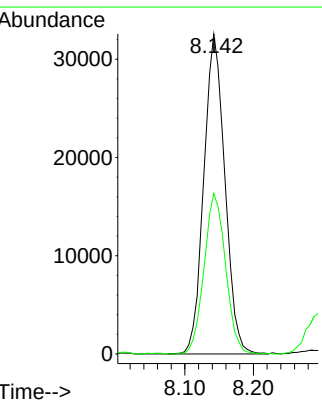
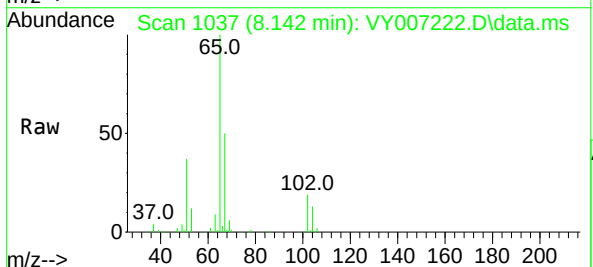
Acq: 19 Jan 2022 14:47

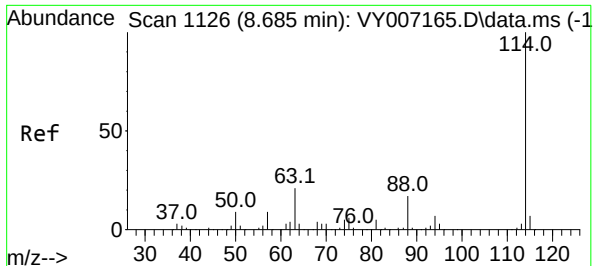
Tgt Ion: 65 Resp: 69375

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.6

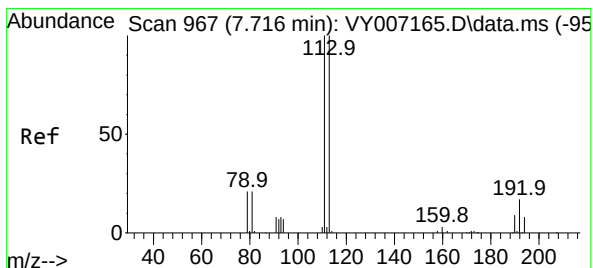
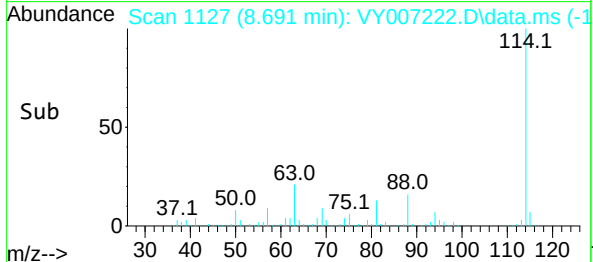
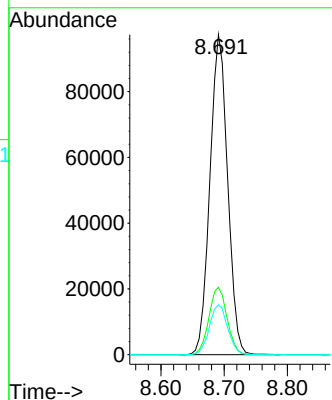
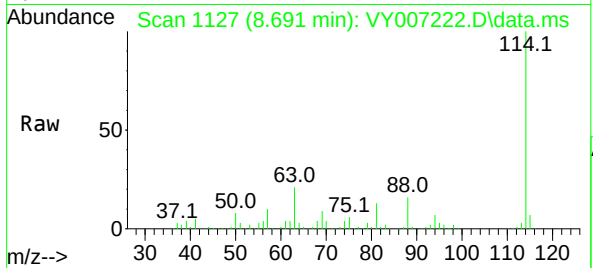




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

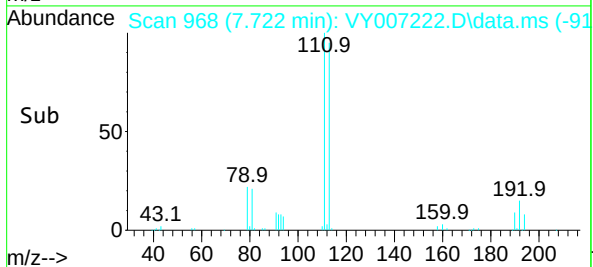
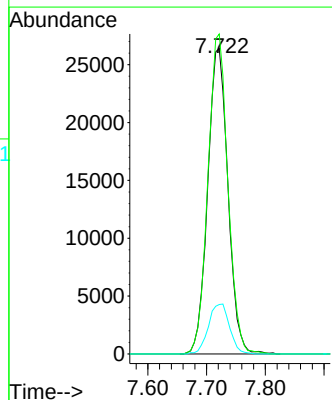
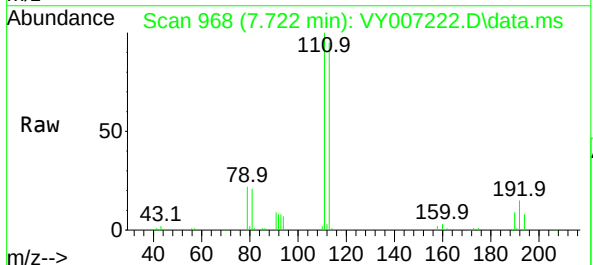
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

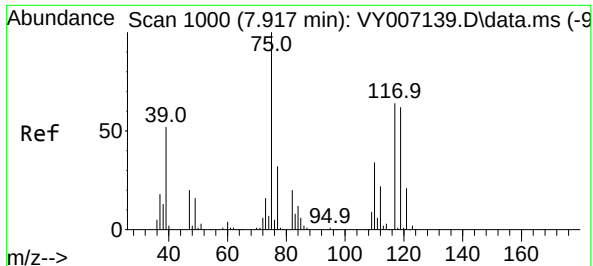
Tgt Ion:114 Resp: 188645
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.2
88 15.6 0.0 31.0



#35
Dibromofluoromethane
Concen: 49.555 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion:113 Resp: 63212
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 17.0 14.2 21.4

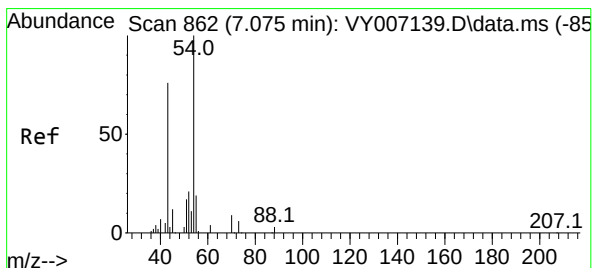
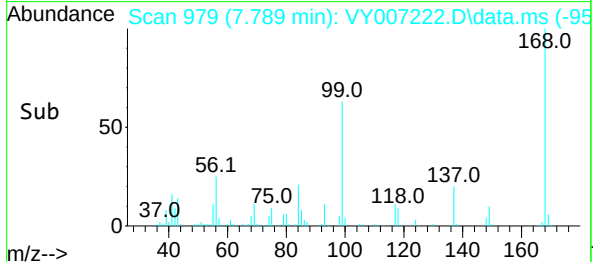
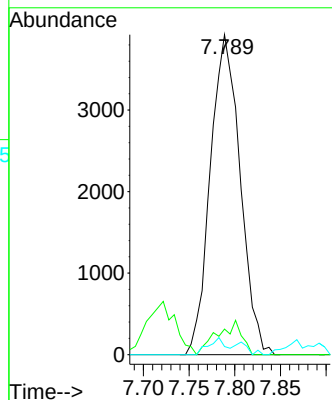
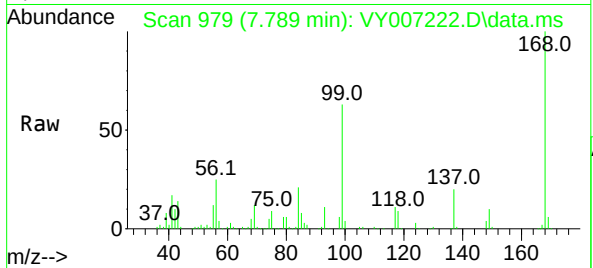




#36
 1,1-Dichloropropene
 Concen: 4.368 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY007222.D
 Acq: 19 Jan 2022 14:47

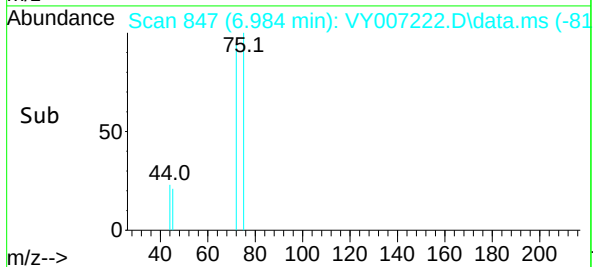
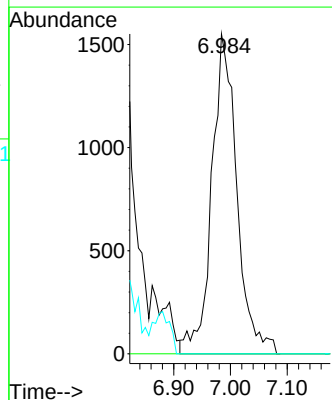
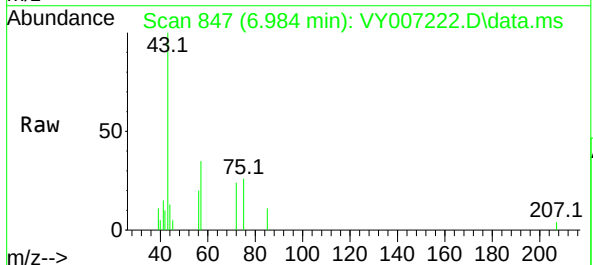
Instrument :
 MSVOA_Y
 ClientSampleId :
 A3-10-7.0

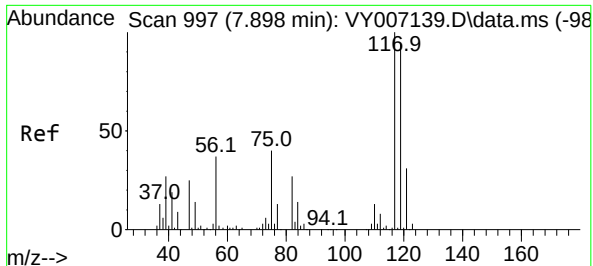
Tgt Ion: 75 Resp: 8899
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.3 51.9#
 77 3.0 24.7 37.1#



#37
 Ethyl Acetate
 Concen: 4.559 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.091 min
 Lab File: VY007222.D
 Acq: 19 Jan 2022 14:47

Tgt Ion: 43 Resp: 4767
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.8#
 70 0.0 9.0 13.4#

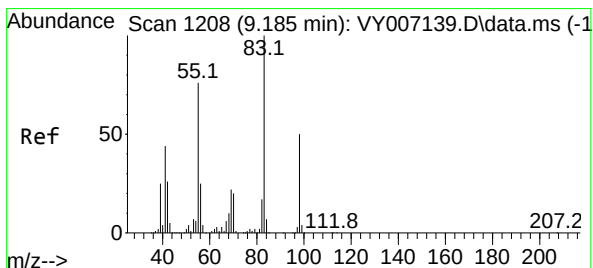
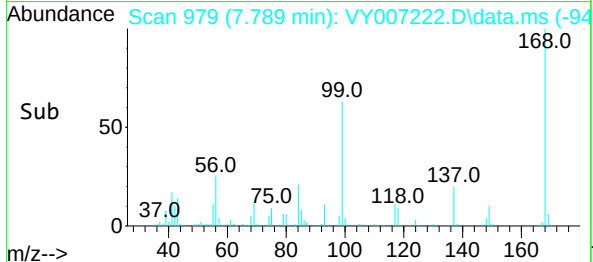
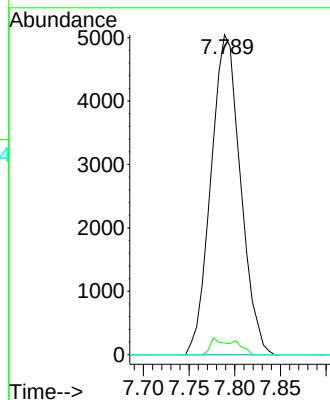
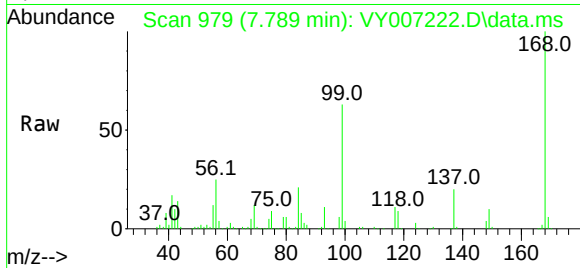




#38
Carbon Tetrachloride
Concen: 5.300 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

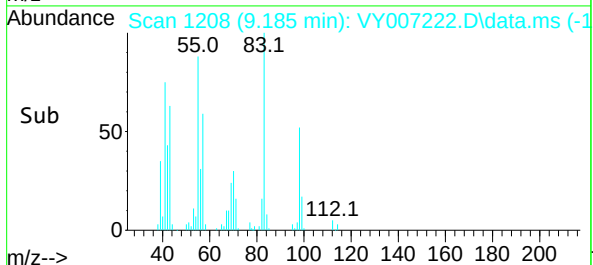
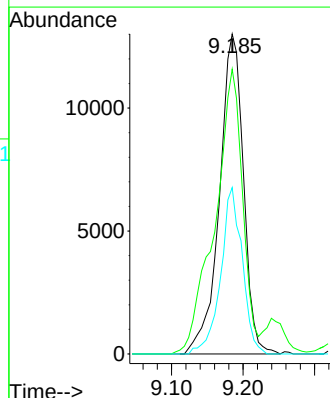
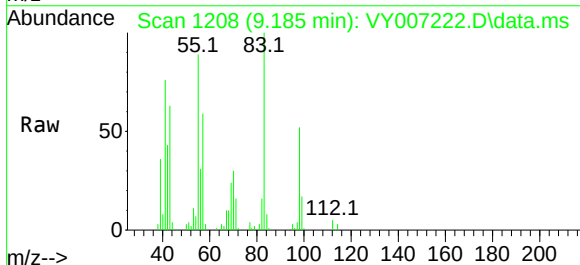
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

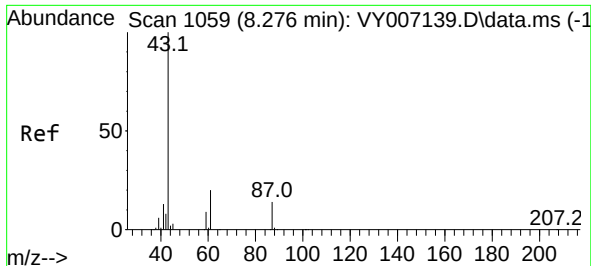
Tgt Ion:117 Resp: 11357
Ion Ratio Lower Upper
117 100
119 3.6 77.2 115.8#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 12.186 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 83 Resp: 30313
Ion Ratio Lower Upper
83 100
55 87.8 58.8 88.2
98 52.0 38.7 58.1

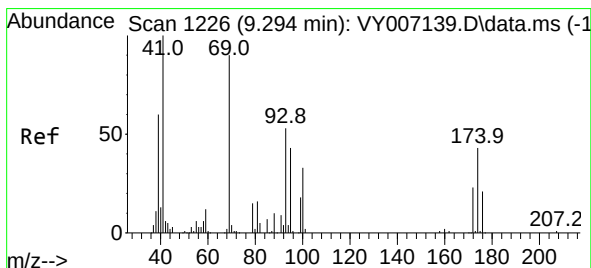
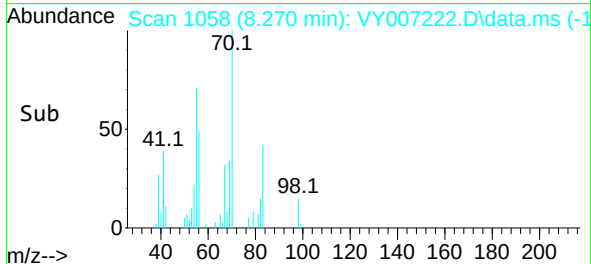
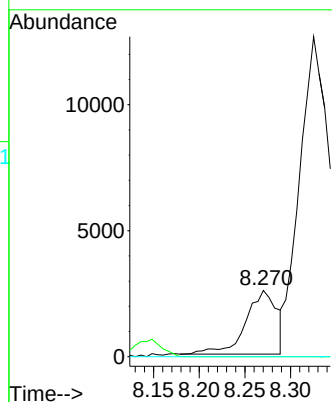
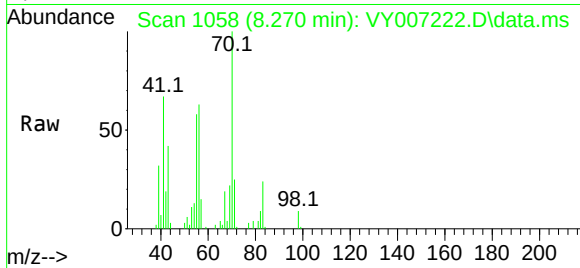




#43
Isopropyl Acetate
Concen: 2.972 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

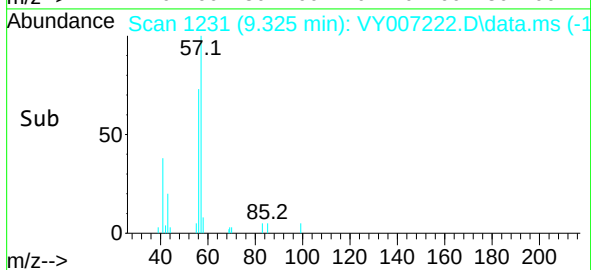
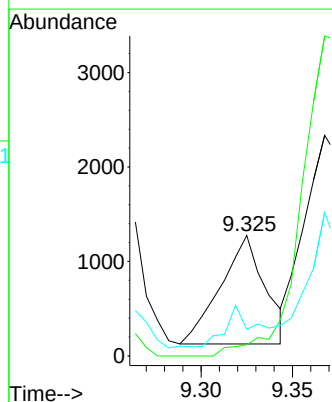
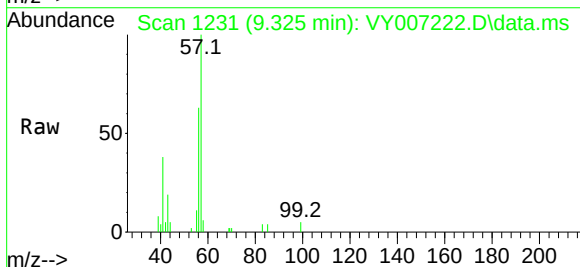
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

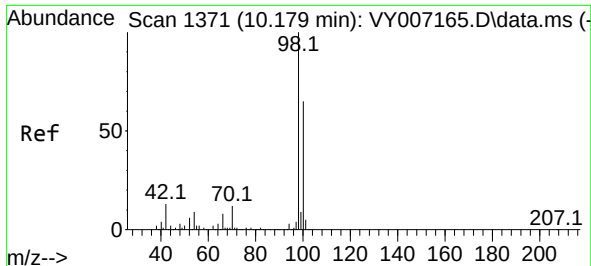
Tgt Ion: 43 Resp: 6046
Ion Ratio Lower Upper
43 100
61 0.0 23.8 35.8#
87 0.0 11.6 17.4#



#48
Methyl methacrylate
Concen: 2.094 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.031 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 41 Resp: 1938
Ion Ratio Lower Upper
41 100
69 0.0 70.5 105.7#
39 24.9 43.8 65.8#

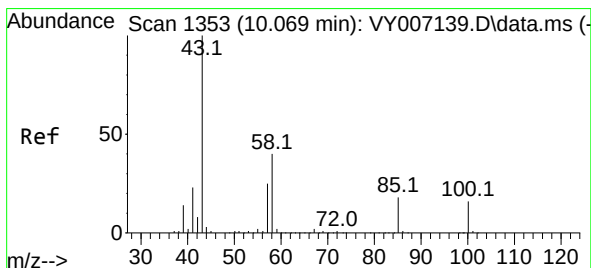
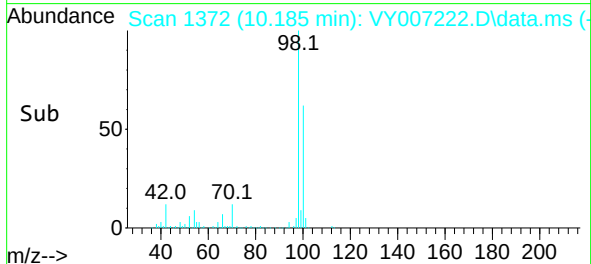
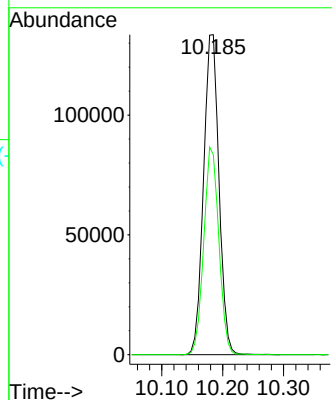
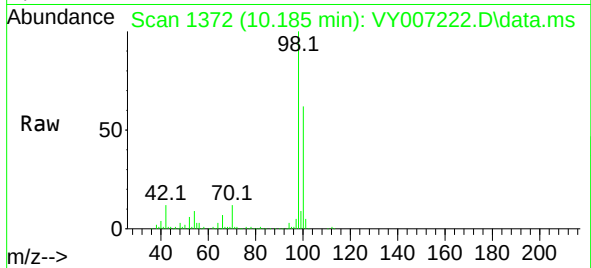




#50
Toluene-d8
Concen: 50.495 ug/l
RT: 10.185 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

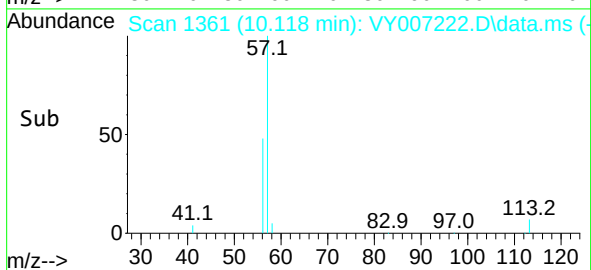
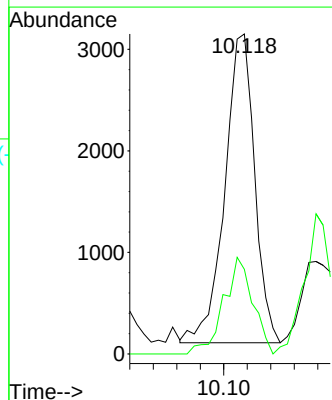
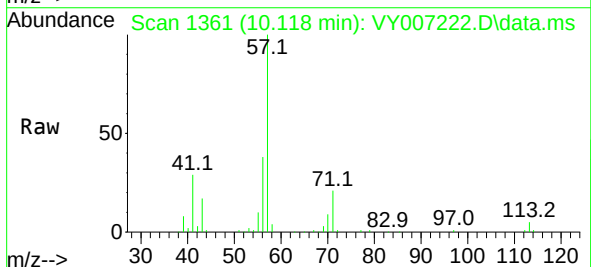
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

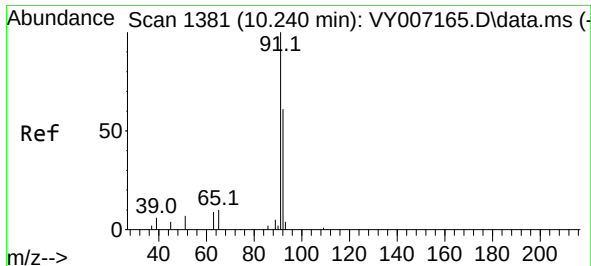
Tgt Ion: 98 Resp: 235353
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 5.200 ug/l
RT: 10.118 min Scan# 1361
Delta R.T. 0.049 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 43 Resp: 5364
Ion Ratio Lower Upper
43 100
58 30.5 32.8 49.2#

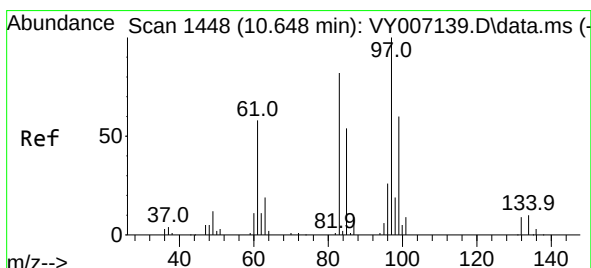
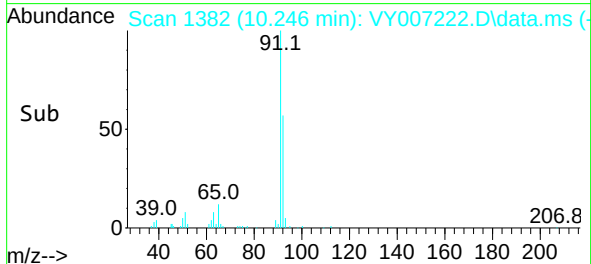
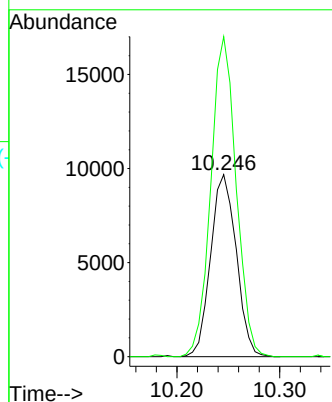
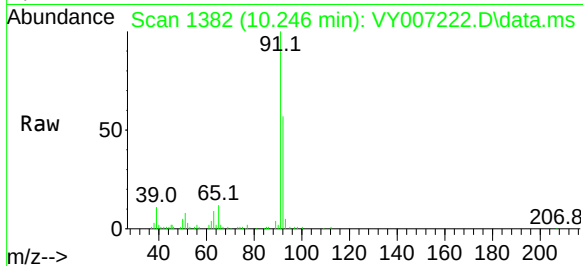




#52
Toluene
Concen: 4.869 ug/l
RT: 10.246 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

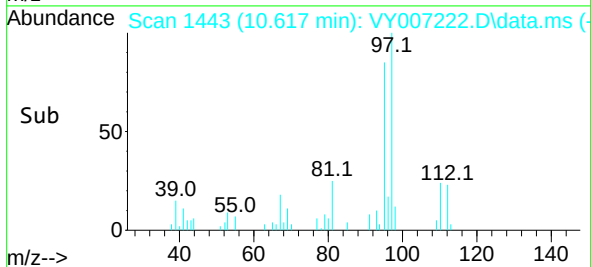
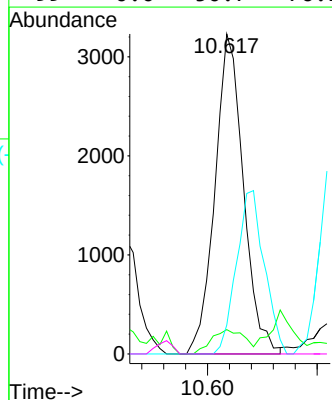
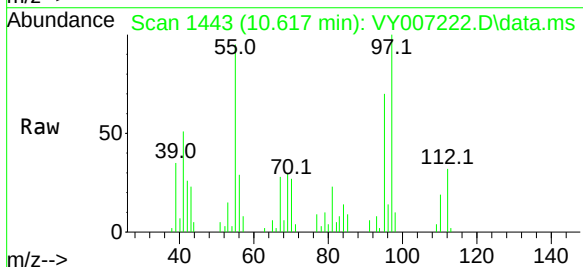
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

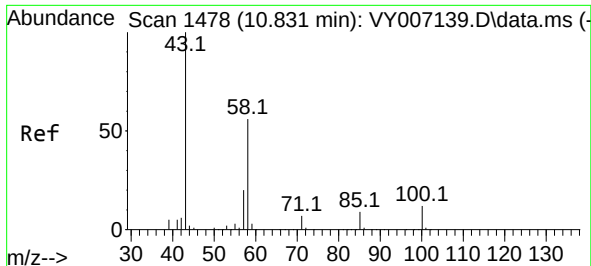
Tgt Ion: 92 Resp: 16773
Ion Ratio Lower Upper
92 100
91 173.6 138.6 207.8



#55
1,1,2-Trichloroethane
Concen: 5.256 ug/l
RT: 10.617 min Scan# 1443
Delta R.T. -0.030 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 97 Resp: 5826
Ion Ratio Lower Upper
97 100
83 7.6 67.0 100.4#
85 9.0 41.2 61.8#
99 0.0 50.7 76.1#

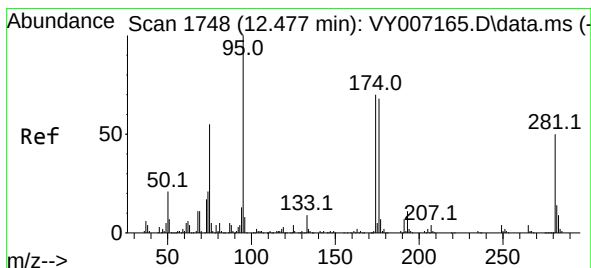
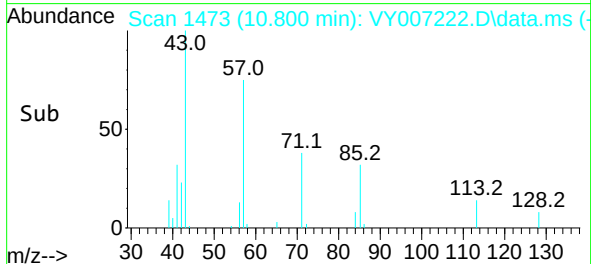
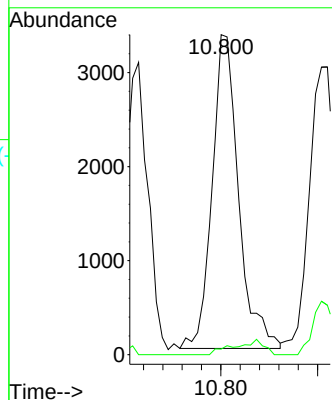
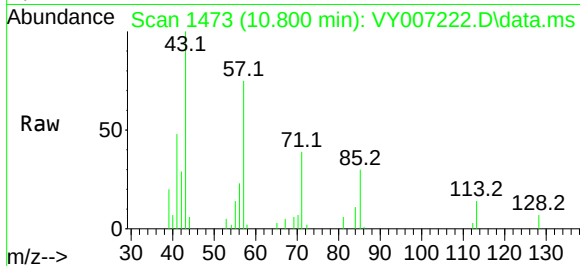




#59
2-Hexanone
Concen: 9.058 ug/l
RT: 10.800 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

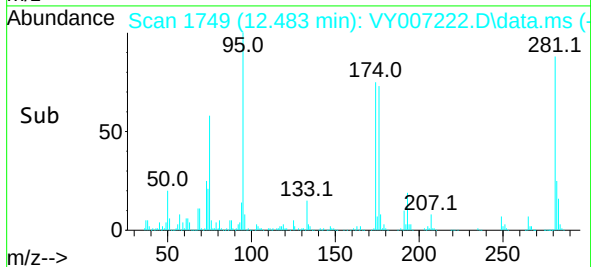
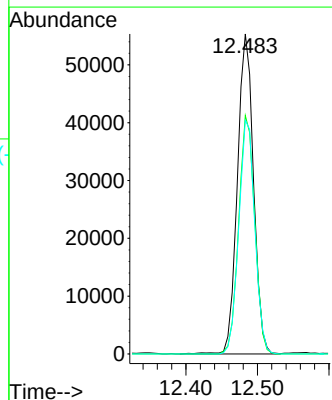
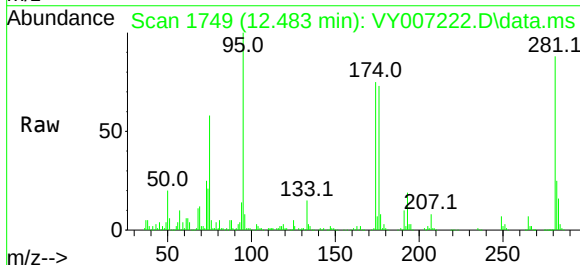
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

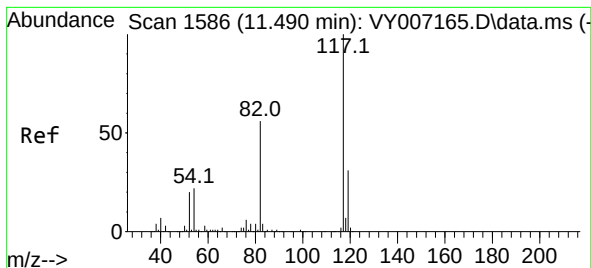
Tgt Ion: 43 Resp: 6341
Ion Ratio Lower Upper
43 100
58 0.0 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 52.230 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 95 Resp: 86595
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.4
176 72.6 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007222.D

Acq: 19 Jan 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :

A3-10-7.0

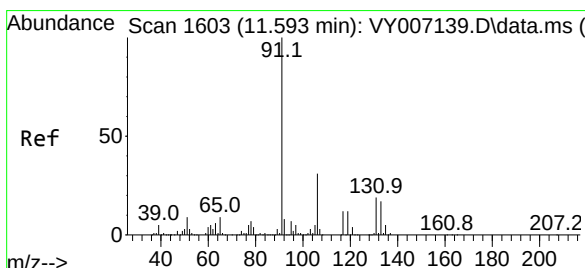
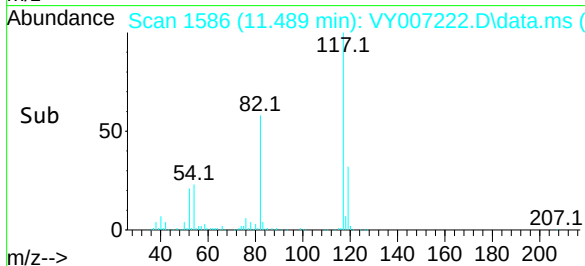
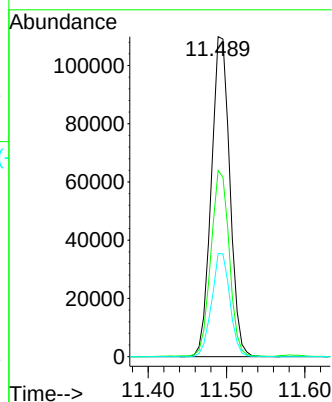
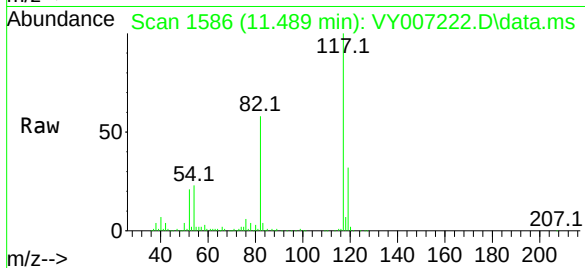
Tgt Ion:117 Resp: 180478

Ion Ratio Lower Upper

117 100

82 57.9 45.4 68.0

119 32.3 26.4 39.6



#67

Ethyl Benzene

Concen: 146.277 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007222.D

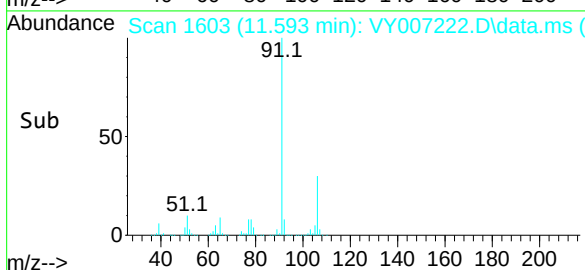
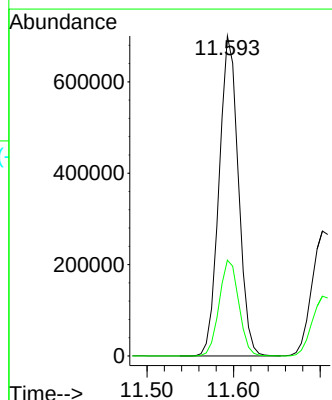
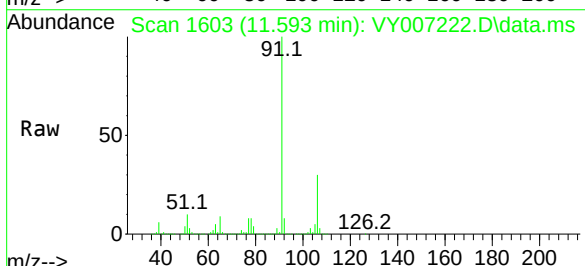
Acq: 19 Jan 2022 14:47

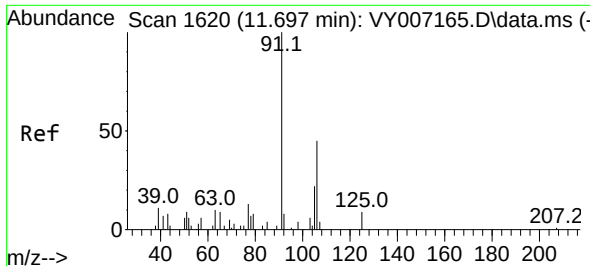
Tgt Ion: 91 Resp: 1084936

Ion Ratio Lower Upper

91 100

106 29.9 23.9 35.9

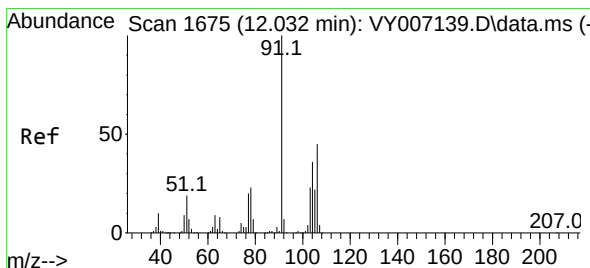
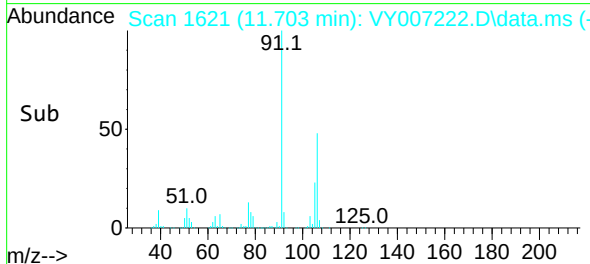
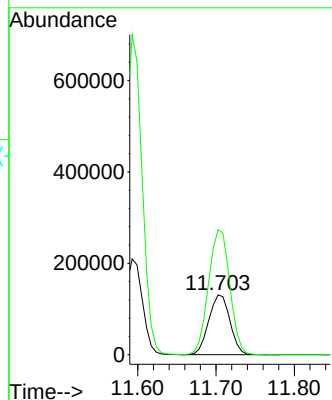
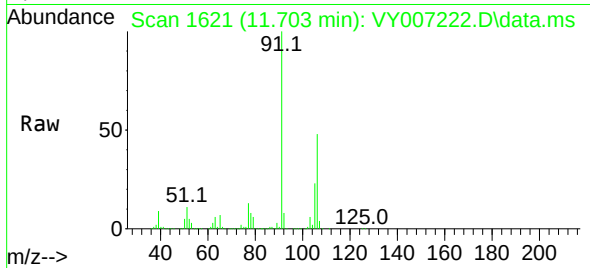




#68
m/p-Xylenes
Concen: 89.214 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

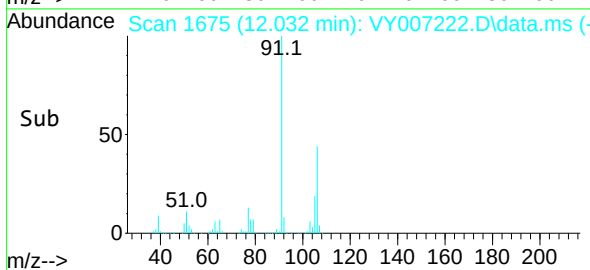
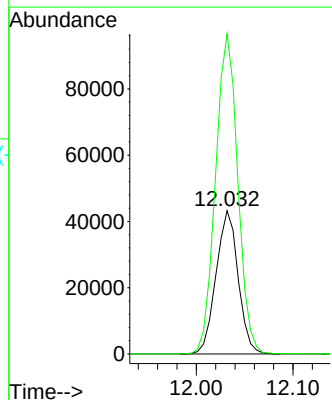
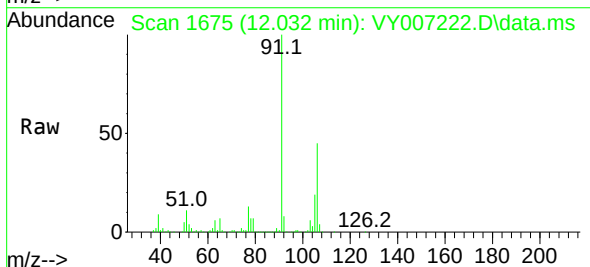
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

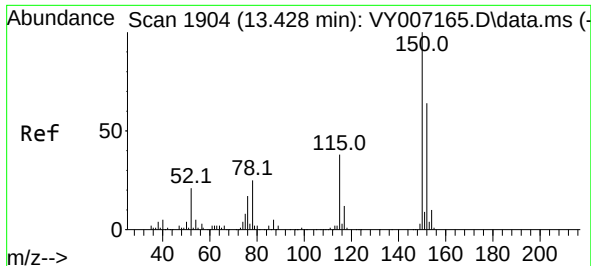
Tgt Ion:106 Resp: 245899
Ion Ratio Lower Upper
106 100
91 209.9 167.1 250.7



#69
o-Xylene
Concen: 26.418 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion:106 Resp: 68572
Ion Ratio Lower Upper
106 100
91 225.4 109.9 329.6

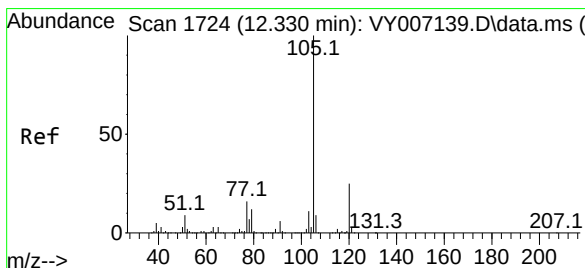
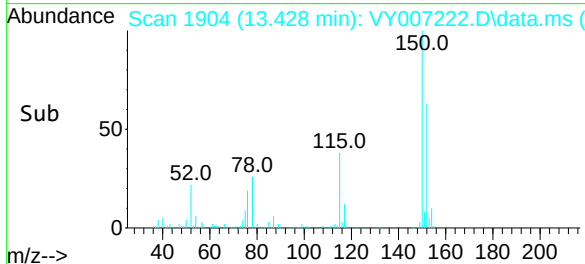
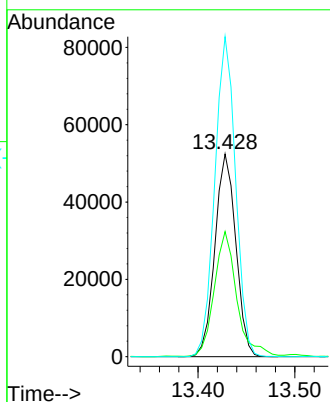
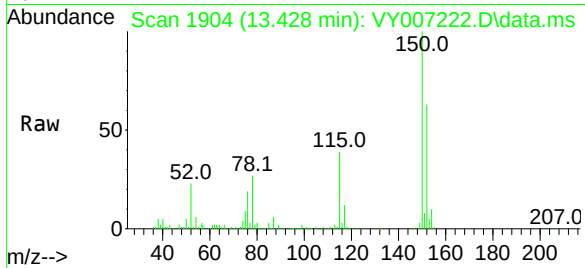




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

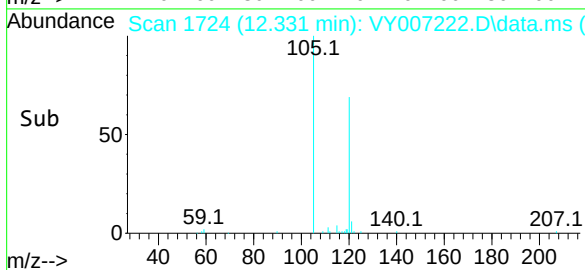
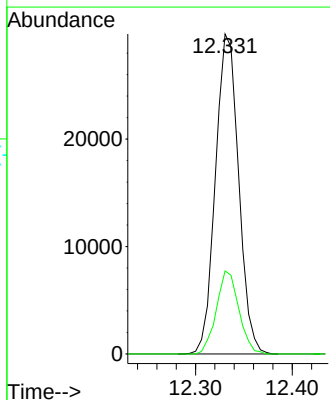
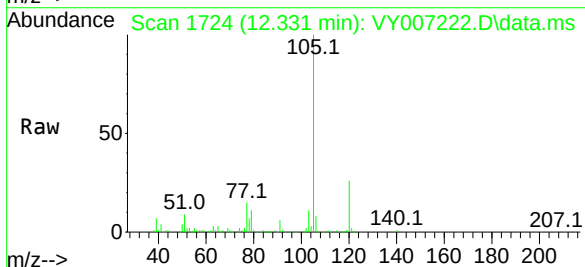
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

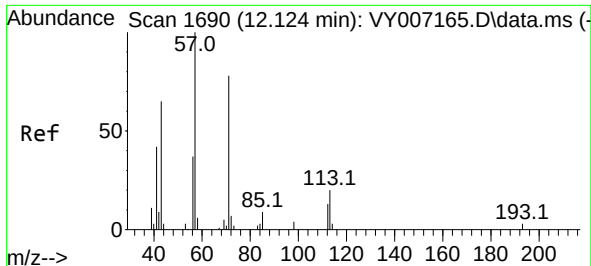
Tgt Ion:152 Resp: 78588
Ion Ratio Lower Upper
152 100
115 66.2 31.4 94.0
150 157.5 0.0 348.4



#73
Isopropylbenzene
Concen: 7.298 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion:105 Resp: 49538
Ion Ratio Lower Upper
105 100
120 25.1 13.1 39.1

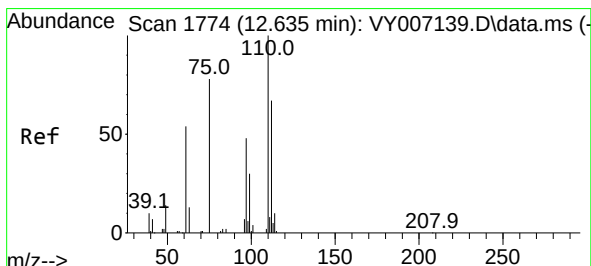
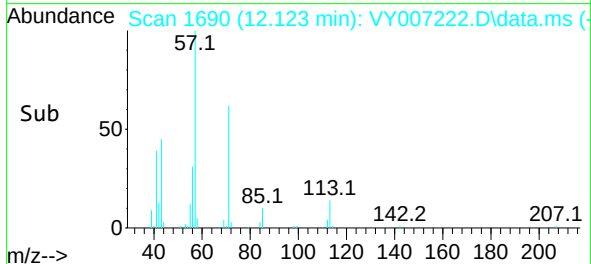
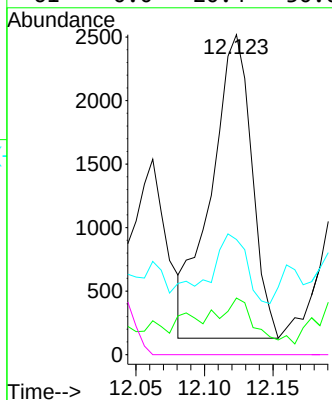
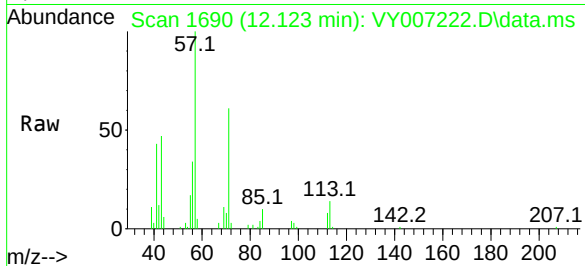




#74
N-amy1 acetate
Concen: 2.722 ug/l
RT: 12.123 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

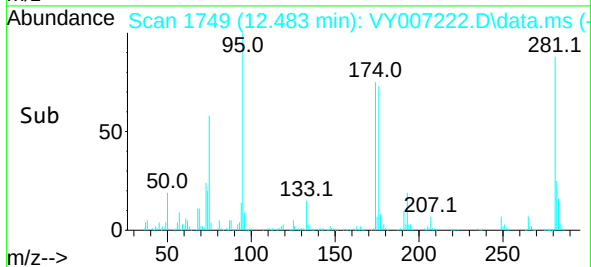
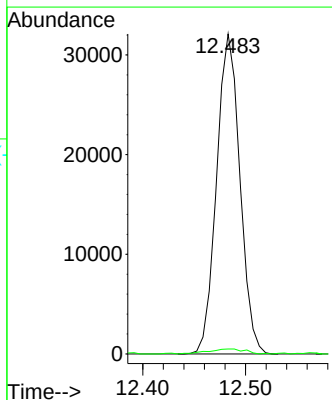
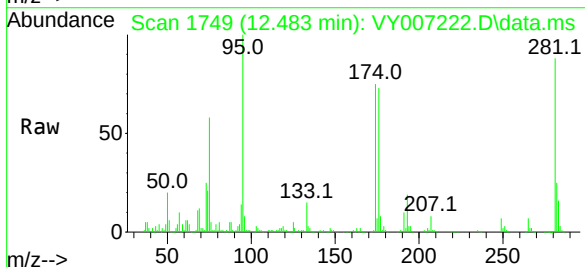
Instrument :
MSVOA_Y
ClientSampleId :
A3-10-7.0

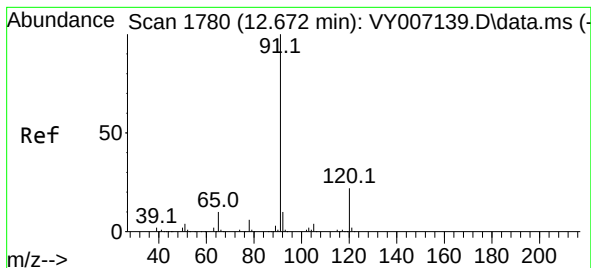
Tgt Ion: 43 Resp: 4941
Ion Ratio Lower Upper
43 100
70 10.8 36.2 54.4#
55 17.6 19.0 28.4#
61 0.0 20.4 30.6#



#76
1,2,3-Trichloropropane
Concen: 56.341 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007222.D
Acq: 19 Jan 2022 14:47

Tgt Ion: 75 Resp: 50488
Ion Ratio Lower Upper
75 100
77 2.5 0.0 0.0#





#78

n-propylbenzene

Concen: 18.187 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY007222.D

Acq: 19 Jan 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :

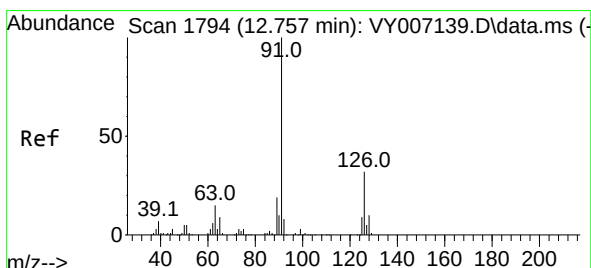
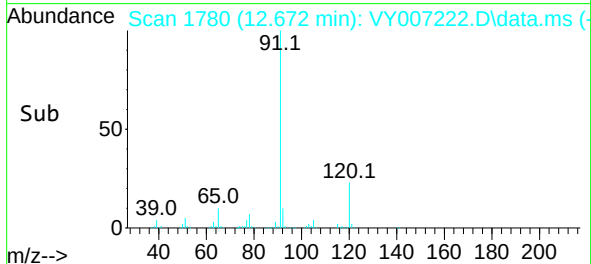
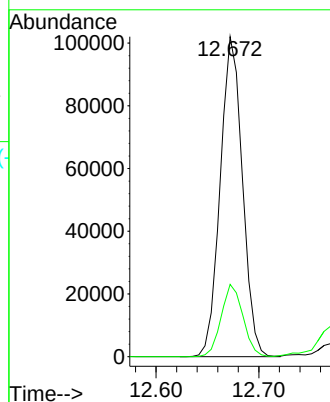
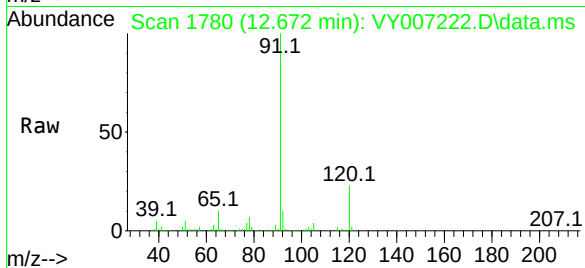
A3-10-7.0

Tgt Ion: 91 Resp: 153030

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.5



#79

2-Chlorotoluene

Concen: 1.602 ug/l

RT: 12.769 min Scan# 1796

Delta R.T. 0.012 min

Lab File: VY007222.D

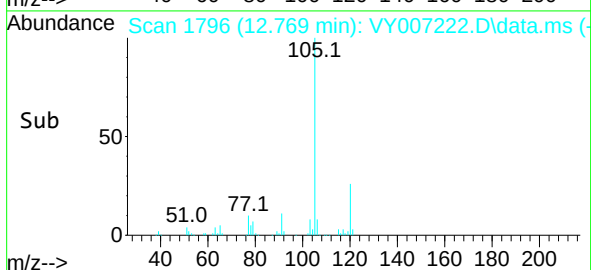
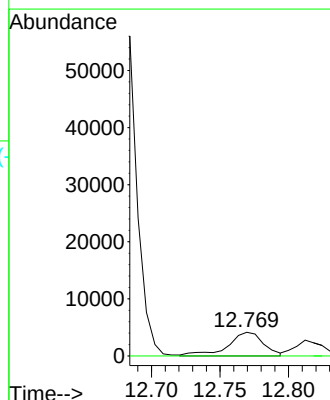
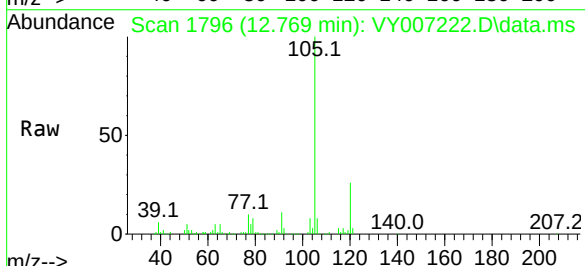
Acq: 19 Jan 2022 14:47

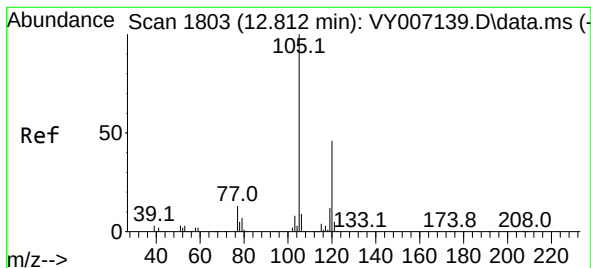
Tgt Ion: 91 Resp: 7496

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#





#80

1,3,5-Trimethylbenzene

Concen: 6.221 ug/l

RT: 12.812 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007222.D

Acq: 19 Jan 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :

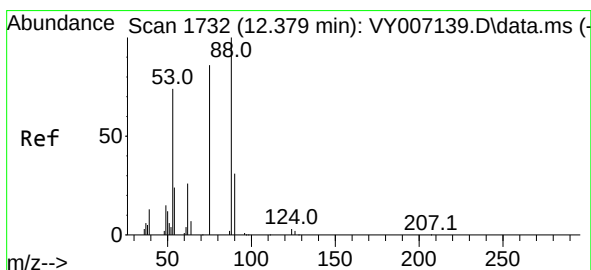
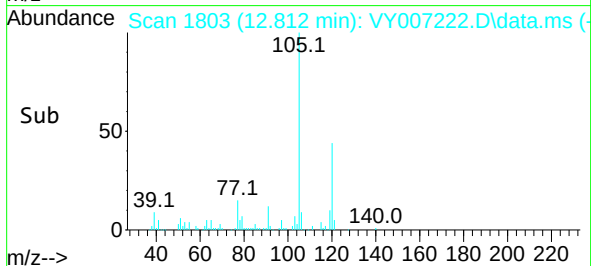
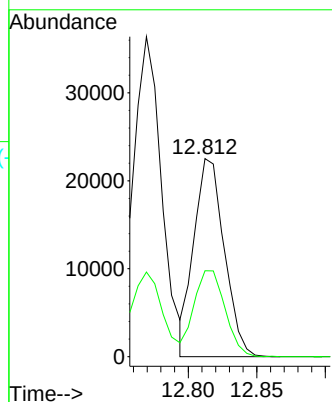
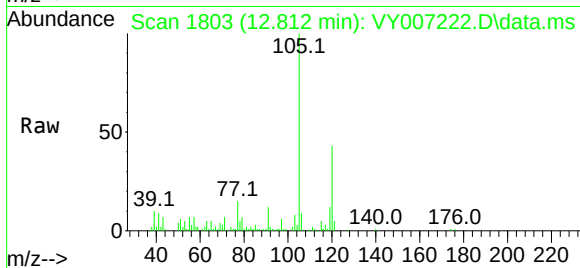
A3-10-7.0

Tgt Ion:105 Resp: 34670

Ion Ratio Lower Upper

105 100

120 44.5 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 103.145 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY007222.D

Acq: 19 Jan 2022 14:47

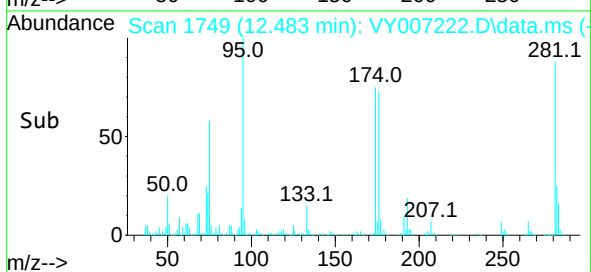
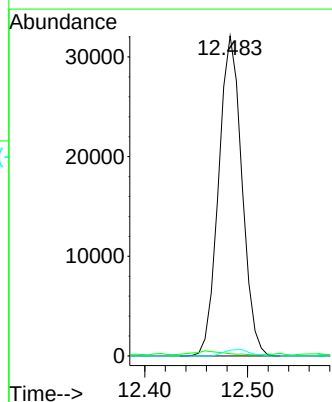
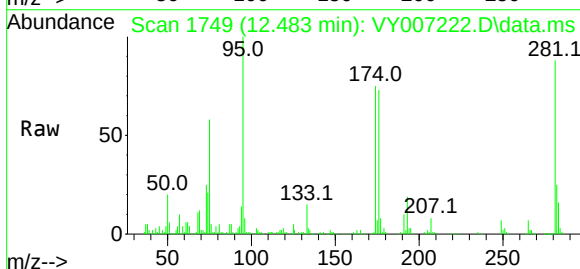
Tgt Ion: 75 Resp: 50488

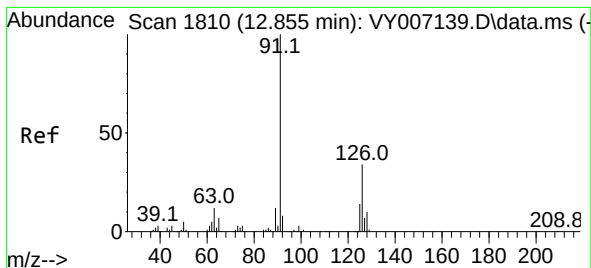
Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 2.2 0.0 0.0#





#82

4-Chlorotoluene

Concen: 1.536 ug/l

RT: 12.769 min Scan# 11

Delta R.T. -0.085 min

Lab File: VY007222.D

Acq: 19 Jan 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :

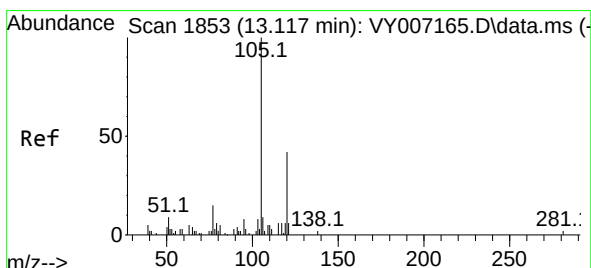
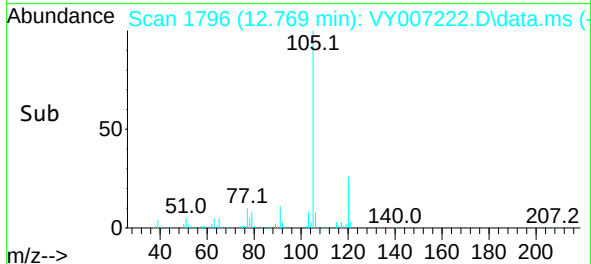
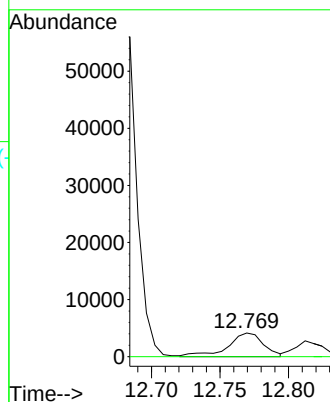
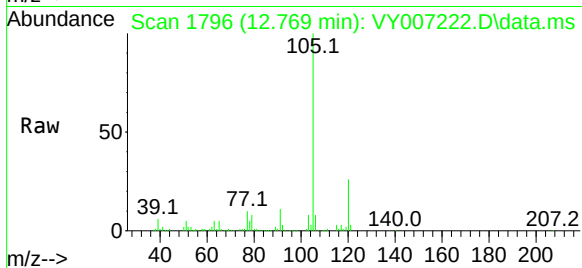
A3-10-7.0

Tgt Ion: 91 Resp: 7496

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.9#



#84

1,2,4-Trimethylbenzene

Concen: 6.394 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY007222.D

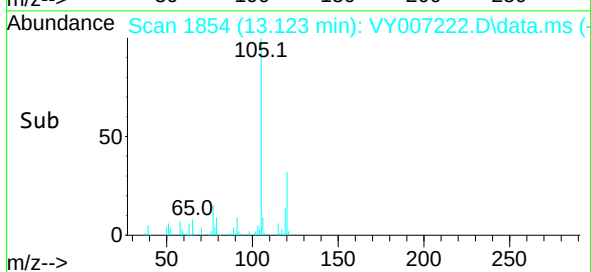
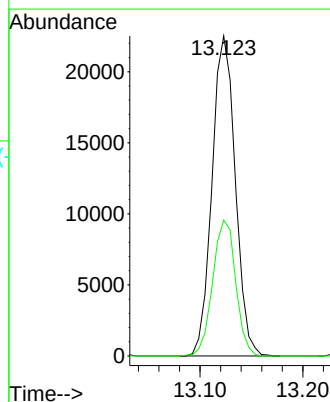
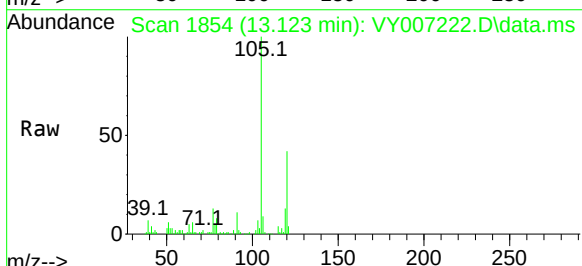
Acq: 19 Jan 2022 14:47

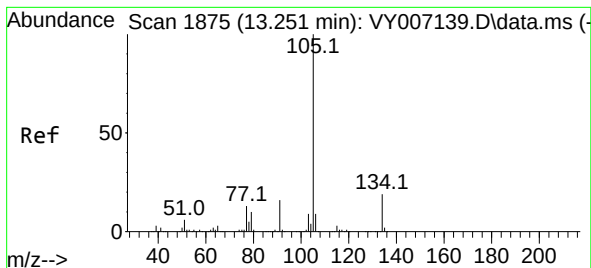
Tgt Ion: 105 Resp: 35322

Ion Ratio Lower Upper

105 100

120 41.9 21.6 64.6





#85

sec-Butylbenzene

Concen: 1.283 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY007222.D

Acq: 19 Jan 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :

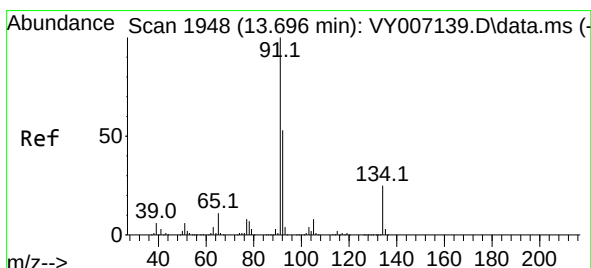
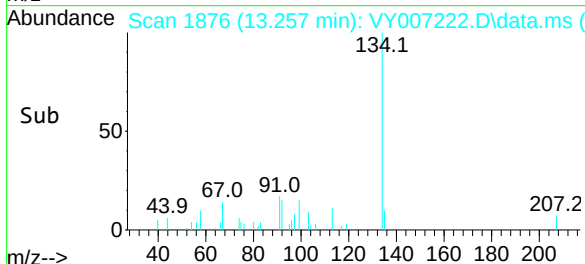
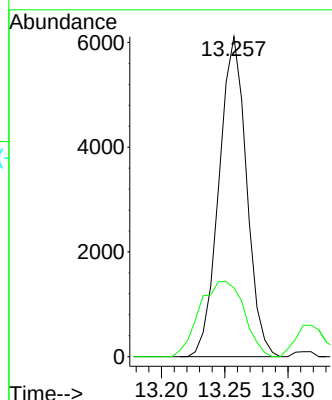
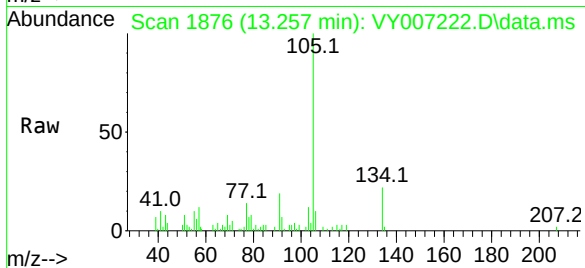
A3-10-7.0

Tgt Ion:105 Resp: 9247

Ion Ratio Lower Upper

105 100

134 38.0 9.9 29.7#



#89

n-Butylbenzene

Concen: 2.687 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY007222.D

Acq: 19 Jan 2022 14:47

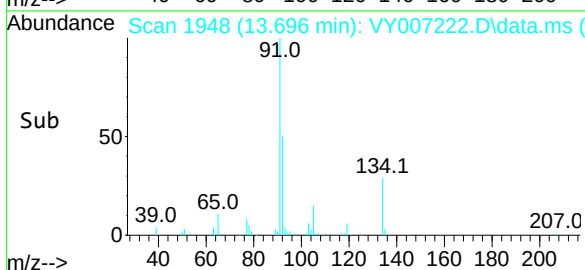
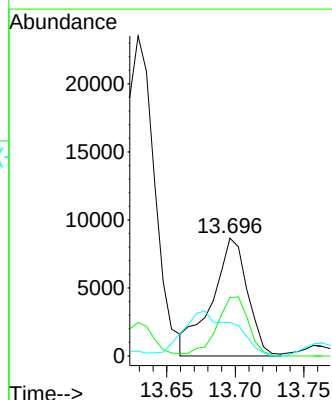
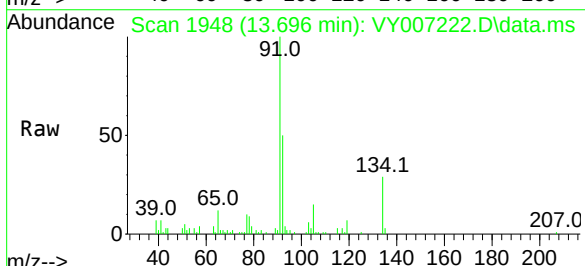
Tgt Ion: 91 Resp: 15665

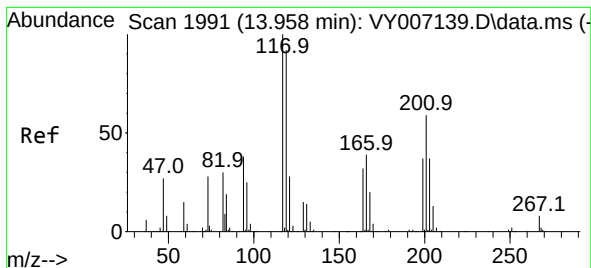
Ion Ratio Lower Upper

91 100

92 44.4 26.9 80.6

134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 4.975 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.018 min

Lab File: VY007222.D

Acq: 19 Jan 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :

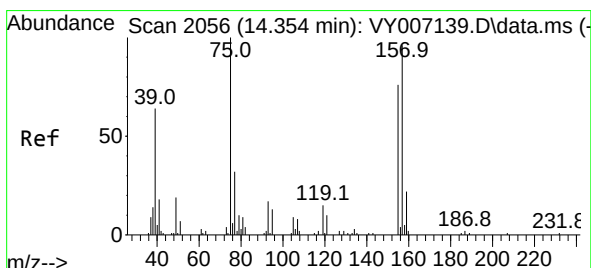
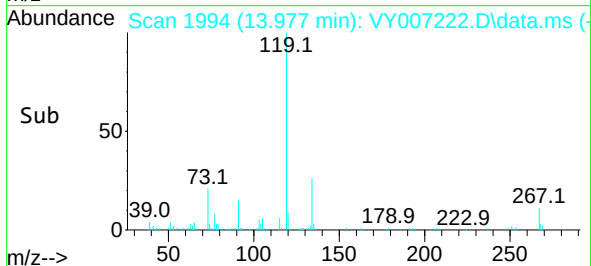
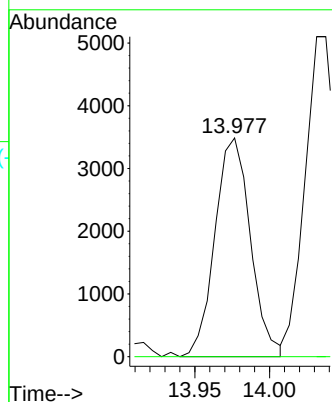
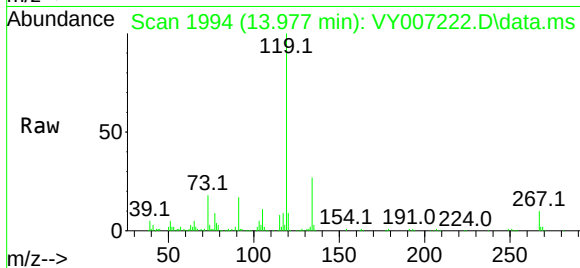
A3-10-7.0

Tgt Ion:117 Resp: 5758

Ion Ratio Lower Upper

117 100

201 0.0 33.6 100.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.413 ug/l

RT: 14.300 min Scan# 2047

Delta R.T. -0.055 min

Lab File: VY007222.D

Acq: 19 Jan 2022 14:47

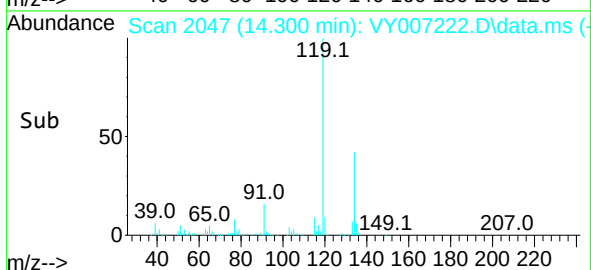
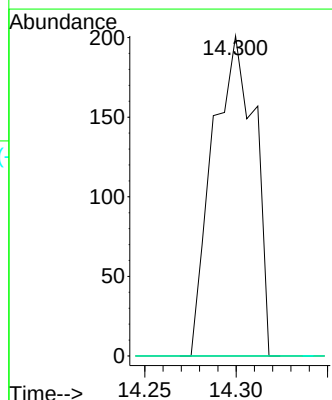
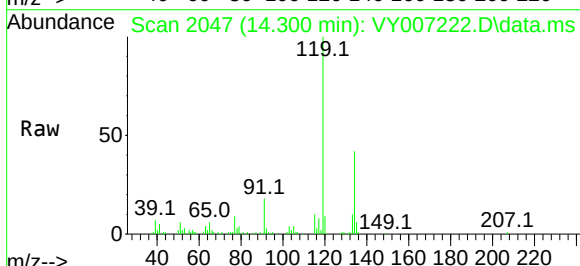
Tgt Ion: 75 Resp: 322

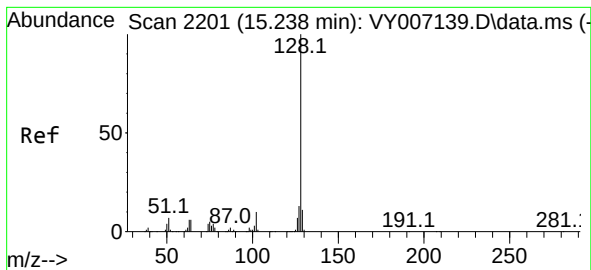
Ion Ratio Lower Upper

75 100

155 0.0 40.1 120.2#

157 0.0 51.7 155.2#





#95

Naphthalene

Concen: 65.944 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY007222.D

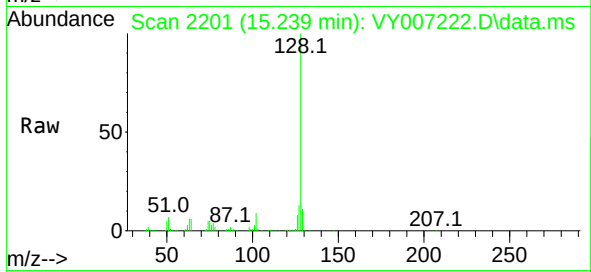
Acq: 19 Jan 2022 14:47

Instrument :

MSVOA_Y

ClientSampleId :

A3-10-7.0



Tgt Ion:128 Resp: 219081

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.9 8.9 13.3

