

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010911.D
 Acq On : 11 Oct 2022 12:32
 Operator : KP/MD
 Sample : N5067-20
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-B-6-VERT

Quant Time: Oct 12 04:45:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

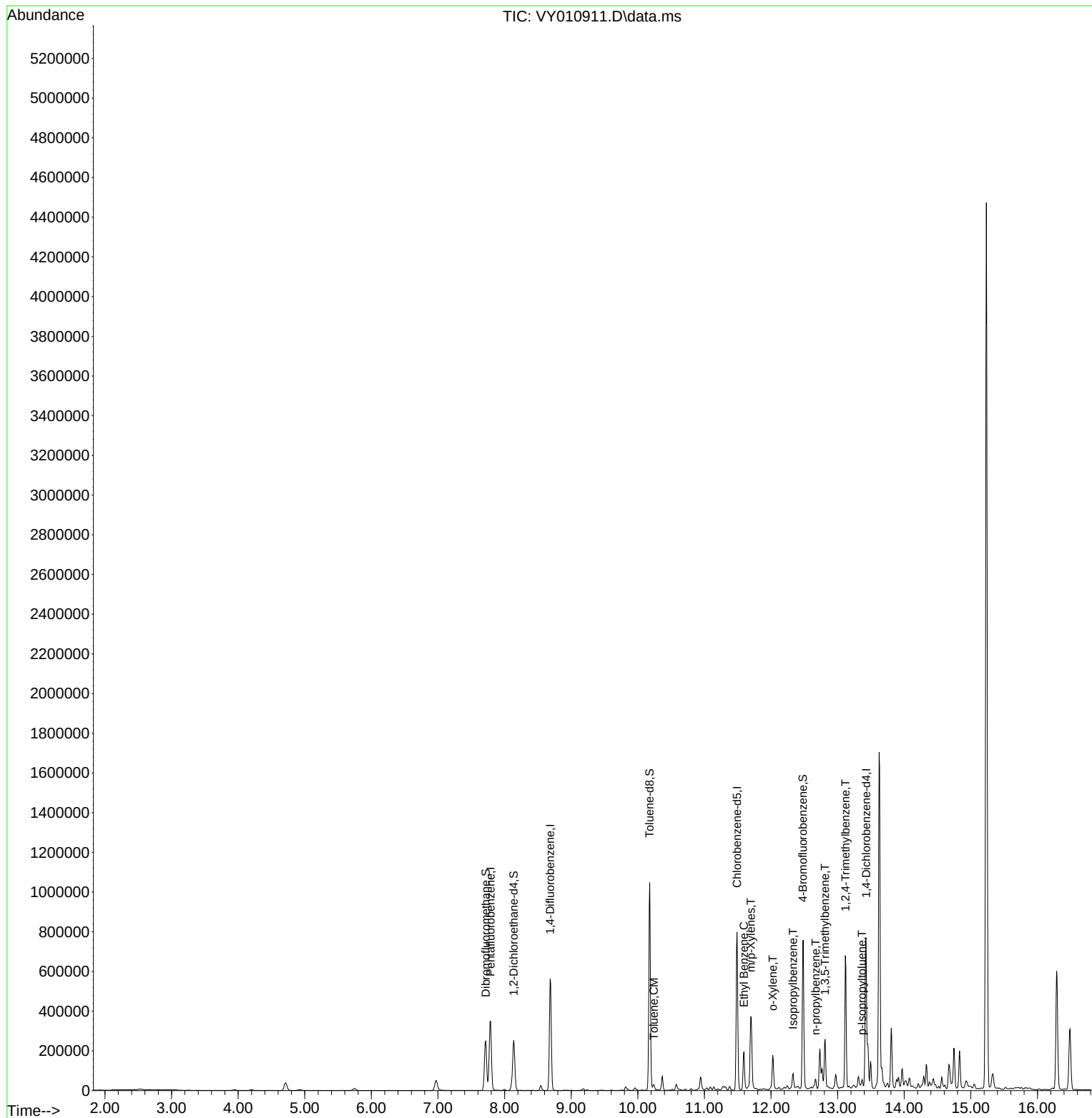
Internal Standards						
1) Pentafluorobenzene	7.789	168	282201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	492681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	438425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	201488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	182074	63.652	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.300%	
35) Dibromofluoromethane	7.716	113	179828	54.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.980%	
50) Toluene-d8	10.179	98	665819	59.530	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 119.060%	
62) 4-Bromofluorobenzene	12.477	95	228403	52.451	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.900%	
Target Compounds						
					Qvalue	
52) Toluene	10.240	92	10232	1.182	ug/l	98
67) Ethyl Benzene	11.593	91	122635	7.505	ug/l	98
68) m/p-Xylenes	11.697	106	105026	16.424	ug/l	96
69) o-Xylene	12.026	106	44366	7.421	ug/l	97
73) Isopropylbenzene	12.331	105	37226	2.513	ug/l	97
78) n-propylbenzene	12.672	91	39192	2.172	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	106653	8.513	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	350109	28.424	ug/l	98
86) p-Isopropyltoluene	13.367	119	16148	1.197	ug/l	95

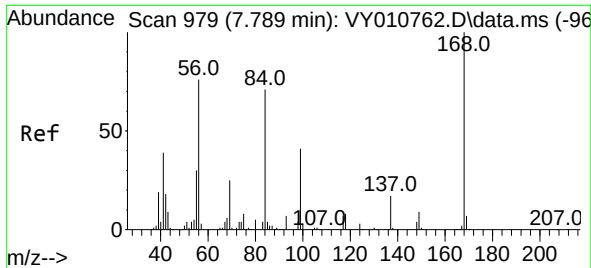
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010122\
Data File : VY010911.D
Acq On : 11 Oct 2022 12:32
Operator : KP/MD
Sample : N5067-20
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-6-VERT

Quant Time: Oct 12 04:45:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

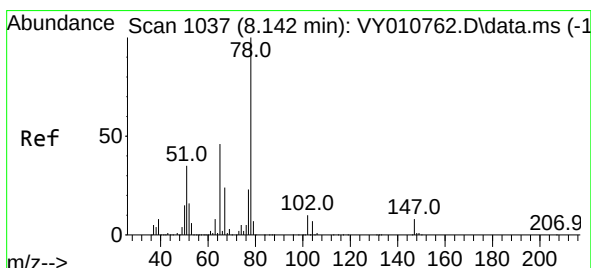
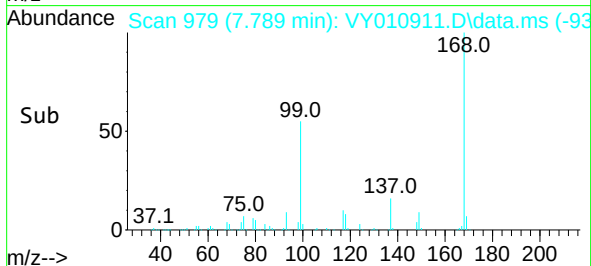
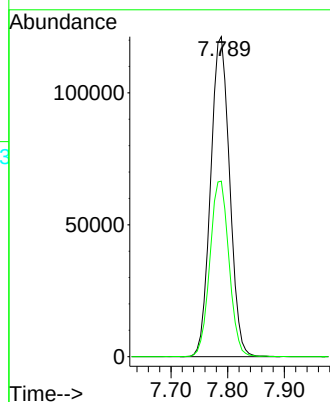
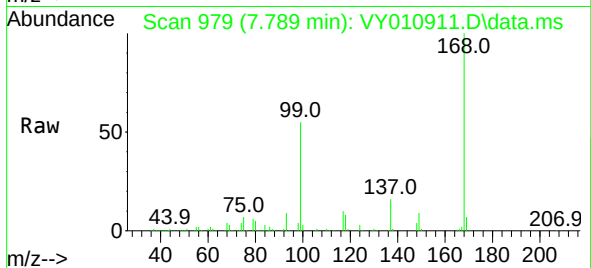




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010911.D
Acq: 11 Oct 2022 12:32

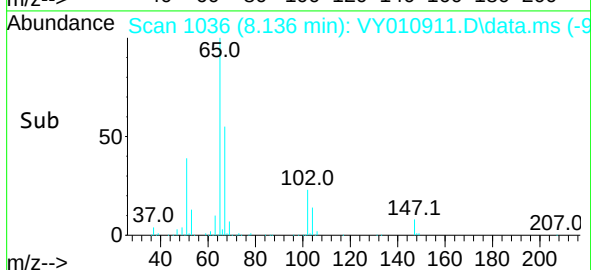
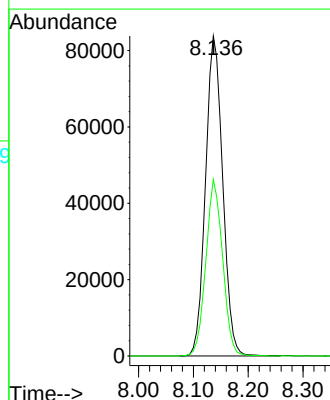
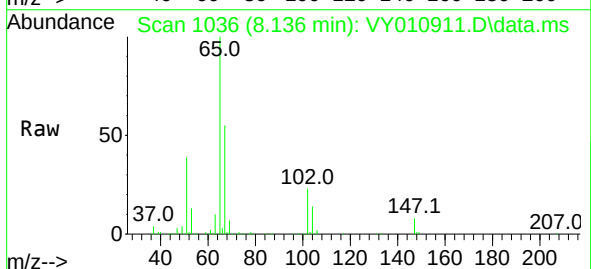
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-6-VERT

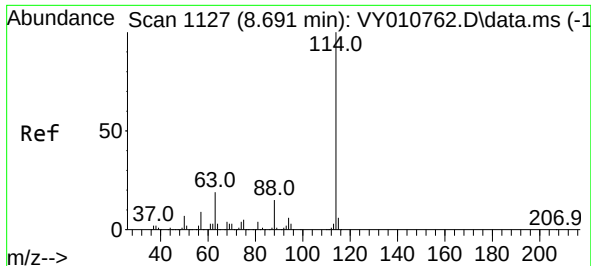
Tgt Ion:168 Resp: 282201
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.652 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010911.D
Acq: 11 Oct 2022 12:32

Tgt Ion: 65 Resp: 182074
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010911.D

Acq: 11 Oct 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

COMP-B-6-VERT

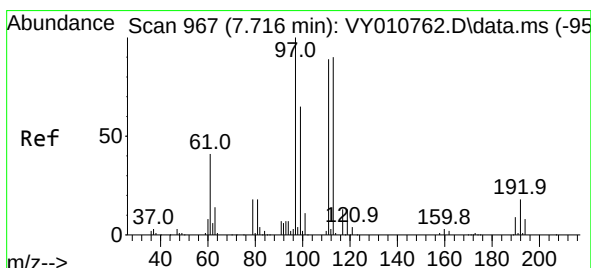
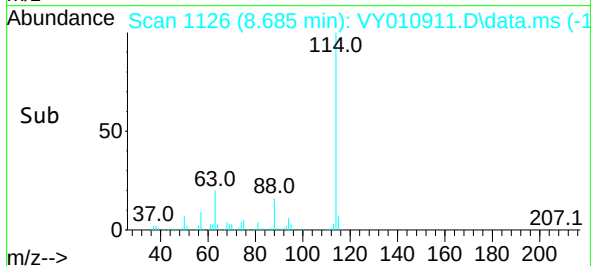
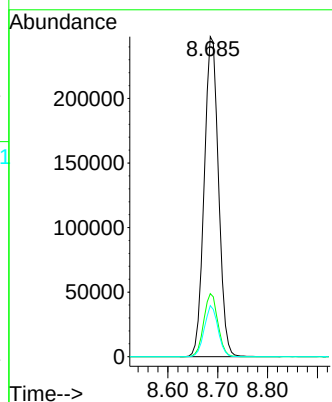
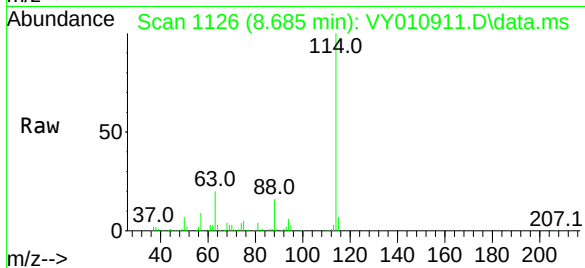
Tgt Ion:114 Resp: 492681

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 16.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.986 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010911.D

Acq: 11 Oct 2022 12:32

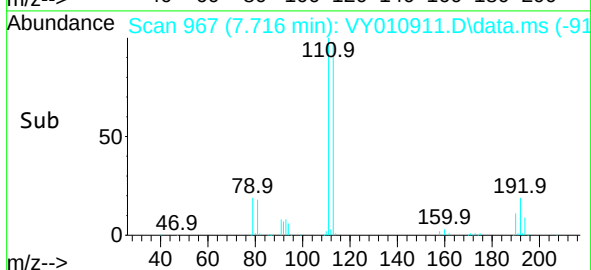
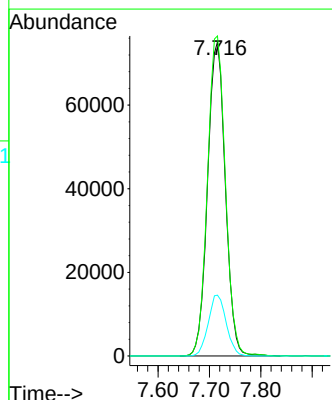
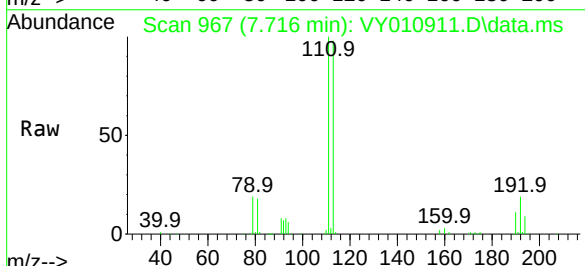
Tgt Ion:113 Resp: 179828

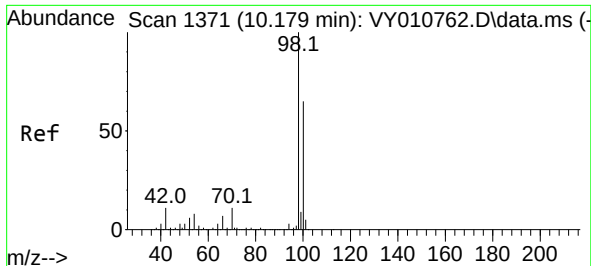
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 19.6 17.6 26.4

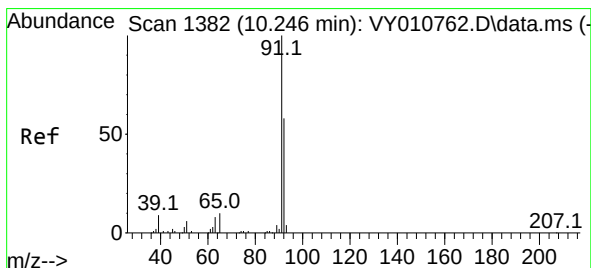
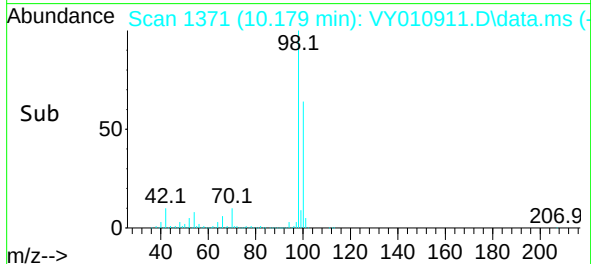
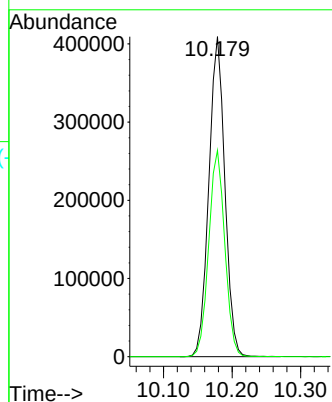
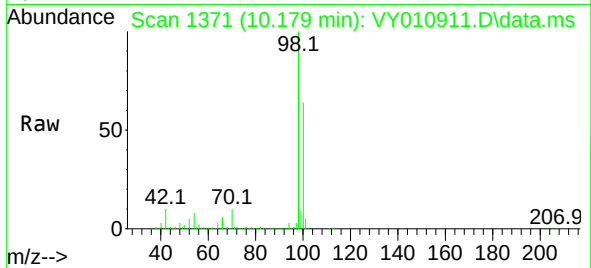




#50
Toluene-d8
Concen: 59.530 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010911.D
Acq: 11 Oct 2022 12:32

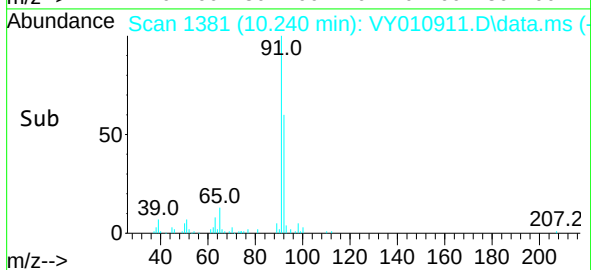
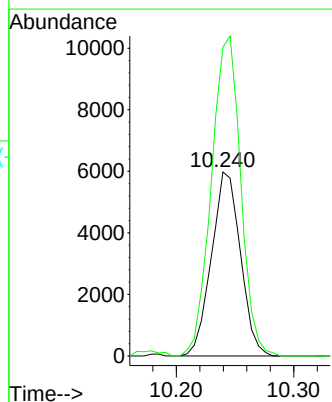
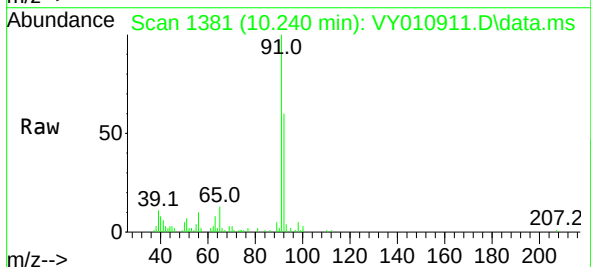
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-6-VERT

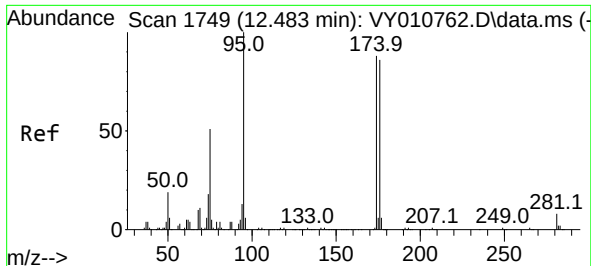
Tgt Ion: 98 Resp: 665819
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#52
Toluene
Concen: 1.182 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY010911.D
Acq: 11 Oct 2022 12:32

Tgt Ion: 92 Resp: 10232
Ion Ratio Lower Upper
92 100
91 175.9 142.6 213.8

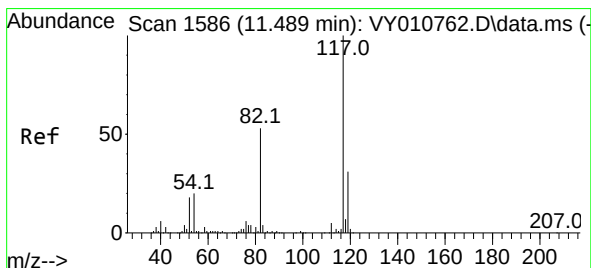
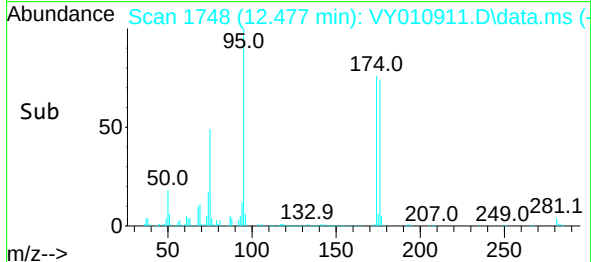
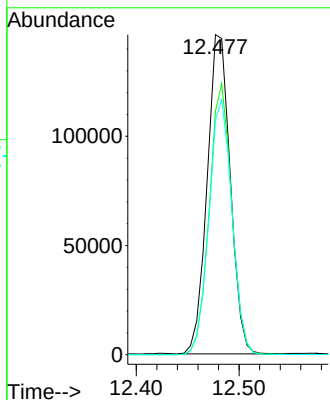
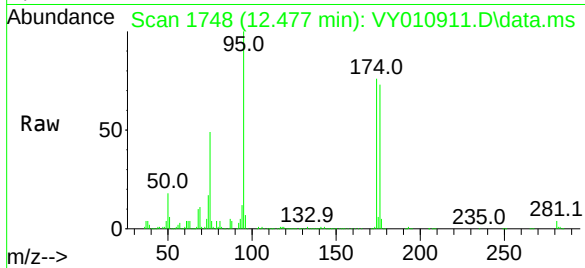




#62
4-Bromofluorobenzene
Concen: 52.451 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010911.D
Acq: 11 Oct 2022 12:32

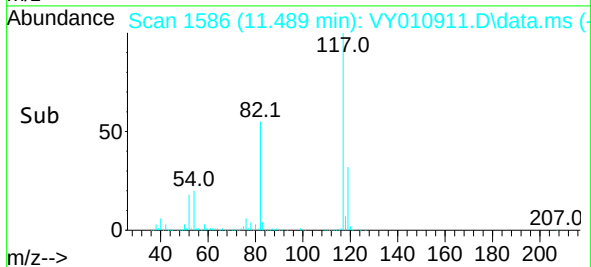
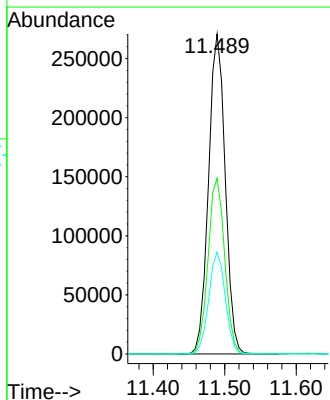
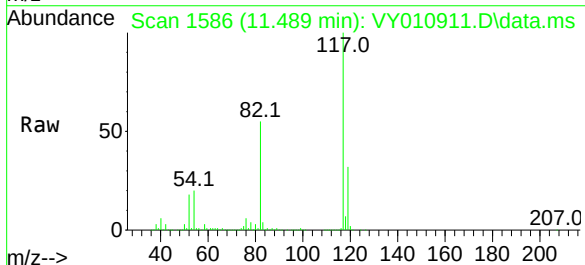
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-6-VERT

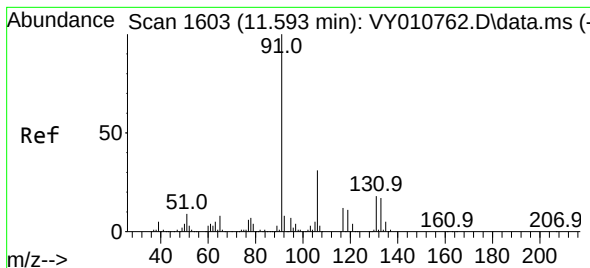
Tgt Ion: 95 Resp: 228403
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 79.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010911.D
Acq: 11 Oct 2022 12:32

Tgt Ion: 117 Resp: 438425
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 31.8 25.4 38.0





#67

Ethyl Benzene

Concen: 7.505 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010911.D

Acq: 11 Oct 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

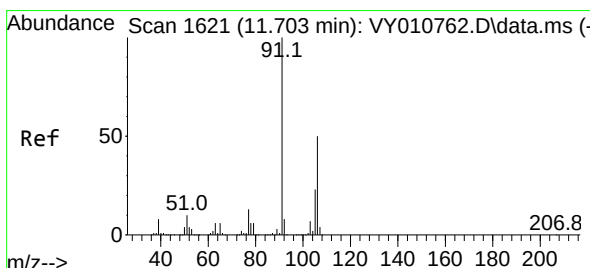
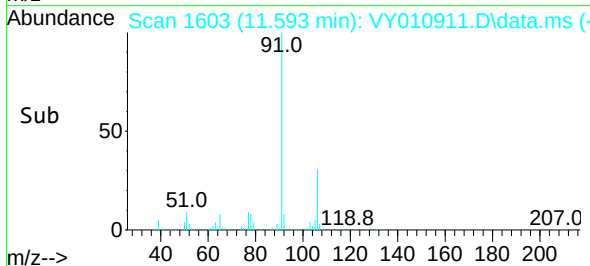
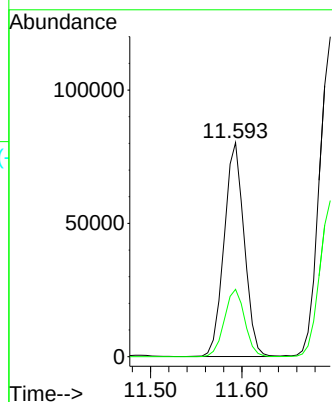
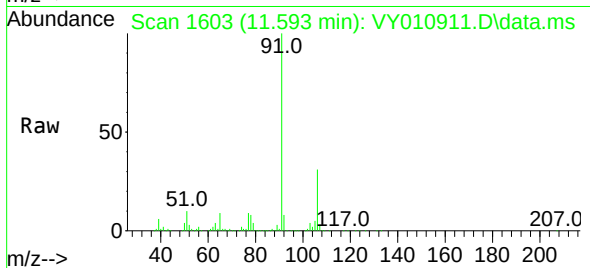
COMP-B-6-VERT

Tgt Ion: 91 Resp: 122635

Ion Ratio Lower Upper

91 100

106 31.4 24.5 36.7



#68

m/p-Xylenes

Concen: 16.424 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY010911.D

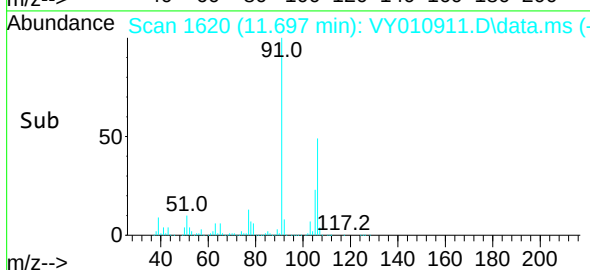
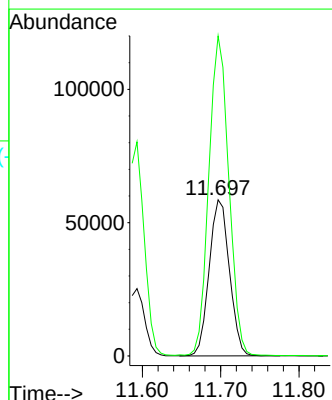
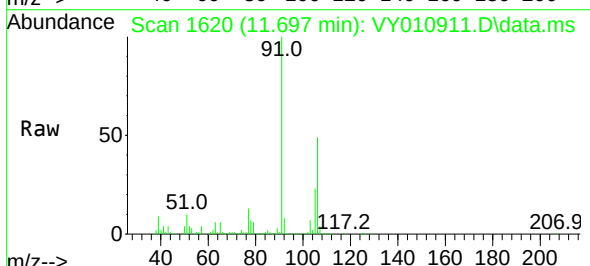
Acq: 11 Oct 2022 12:32

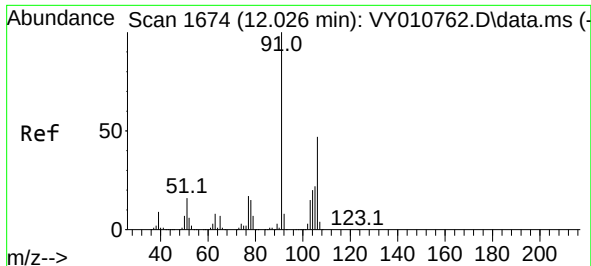
Tgt Ion:106 Resp: 105026

Ion Ratio Lower Upper

106 100

91 202.1 166.6 249.8

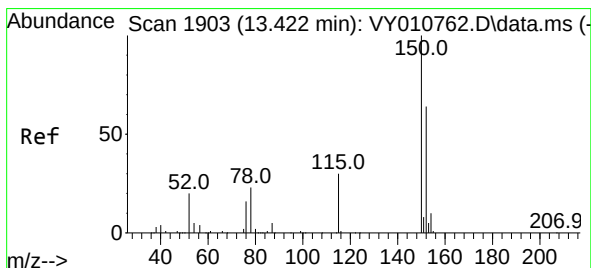
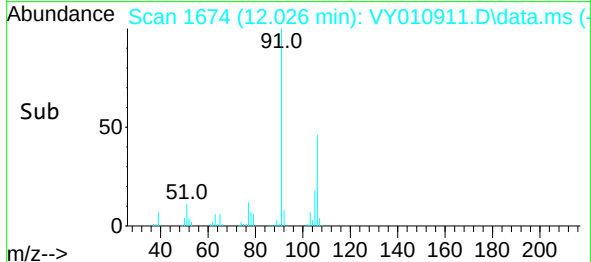
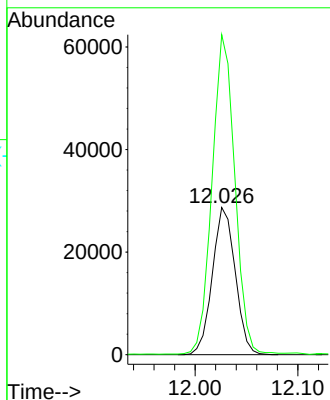
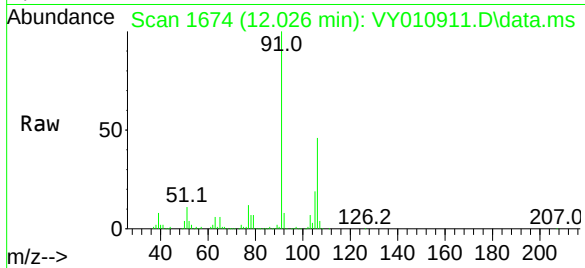




#69
o-Xylene
Concen: 7.421 ug/l
RT: 12.026 min Scan# 110
Delta R.T. -0.000 min
Lab File: VY010911.D
Acq: 11 Oct 2022 12:32

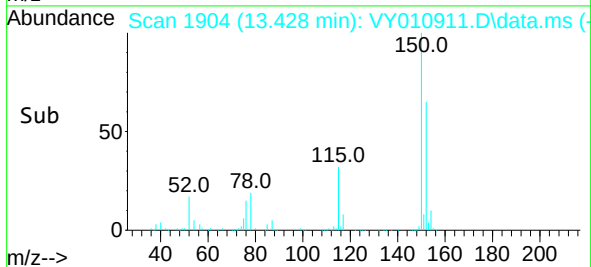
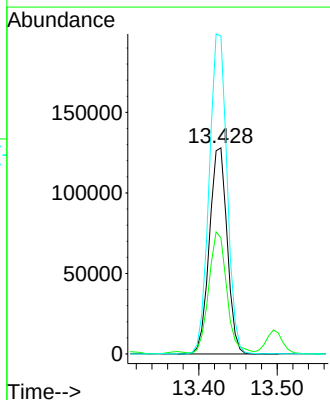
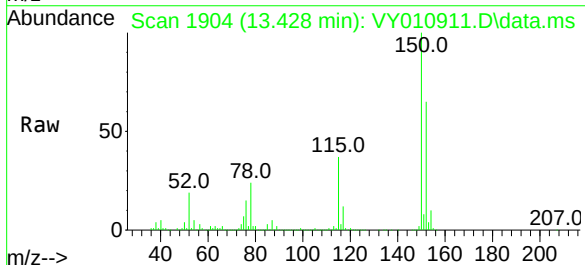
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-6-VERT

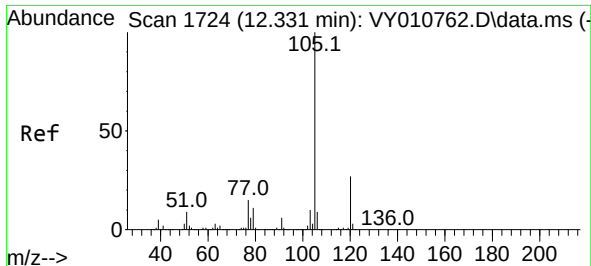
Tgt Ion:106 Resp: 44366
Ion Ratio Lower Upper
106 100
91 215.6 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010911.D
Acq: 11 Oct 2022 12:32

Tgt Ion:152 Resp: 201488
Ion Ratio Lower Upper
152 100
115 59.1 28.2 84.7
150 155.9 0.0 347.6

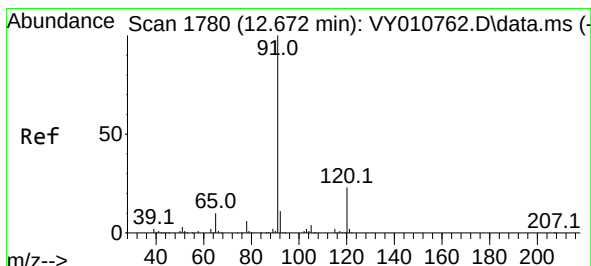
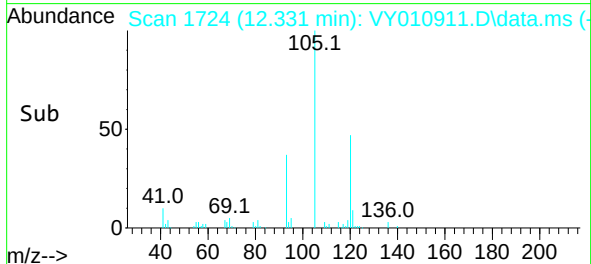
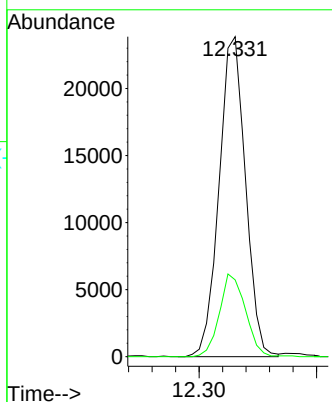
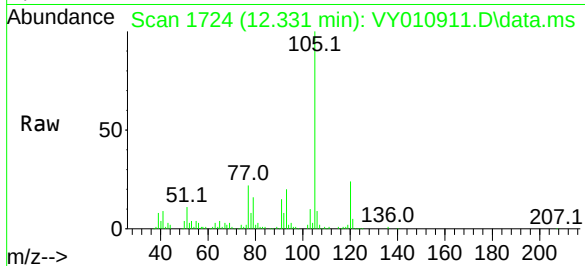




#73
Isopropylbenzene
Concen: 2.513 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010911.D
Acq: 11 Oct 2022 12:32

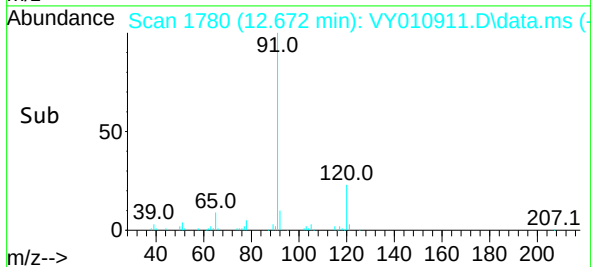
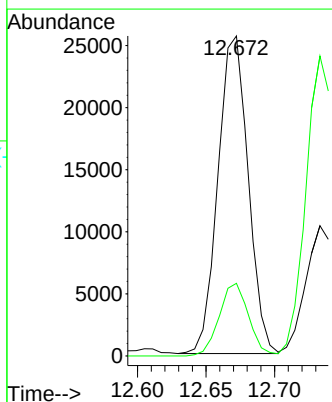
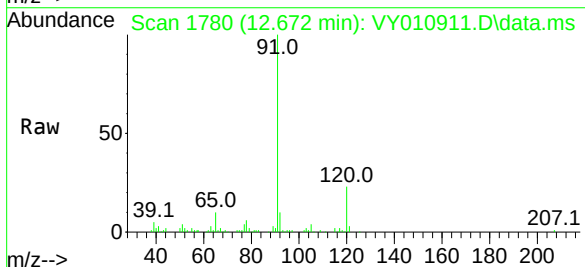
Instrument :
MSVOA_Y
ClientSampleId :
COMP-B-6-VERT

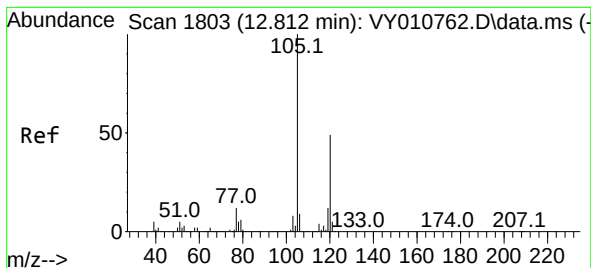
Tgt Ion:105 Resp: 37226
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.2



#78
n-propylbenzene
Concen: 2.172 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY010911.D
Acq: 11 Oct 2022 12:32

Tgt Ion: 91 Resp: 39192
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.9





#80

1,3,5-Trimethylbenzene

Concen: 8.513 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY010911.D

Acq: 11 Oct 2022 12:32

Instrument :

MSVOA_Y

ClientSampleId :

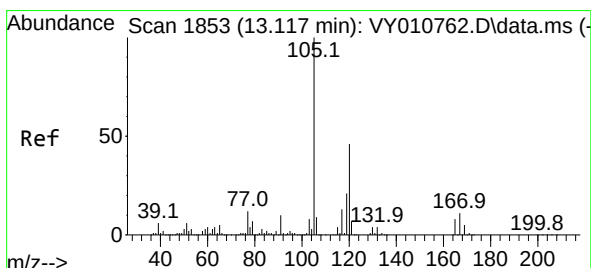
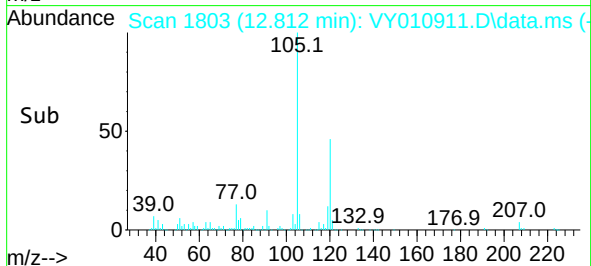
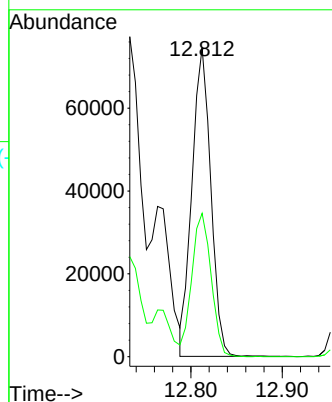
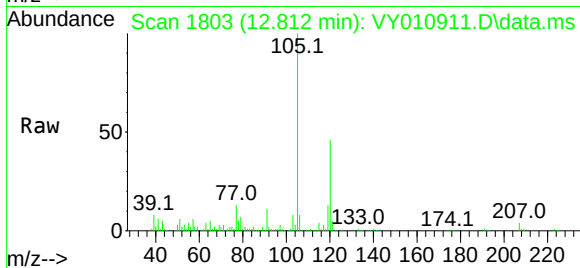
COMP-B-6-VERT

Tgt Ion:105 Resp: 106653

Ion Ratio Lower Upper

105 100

120 47.8 24.4 73.4



#84

1,2,4-Trimethylbenzene

Concen: 28.424 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY010911.D

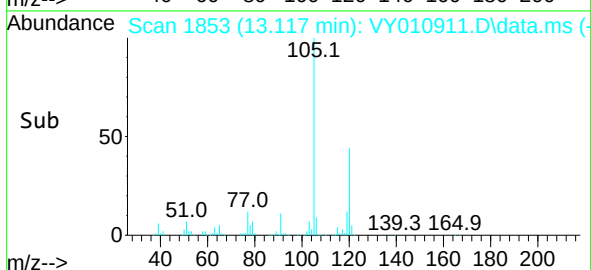
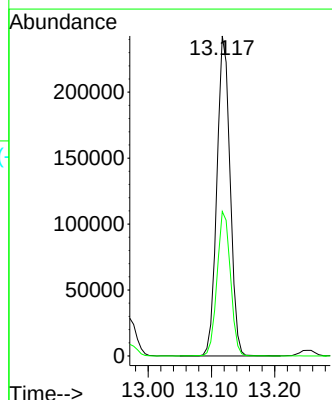
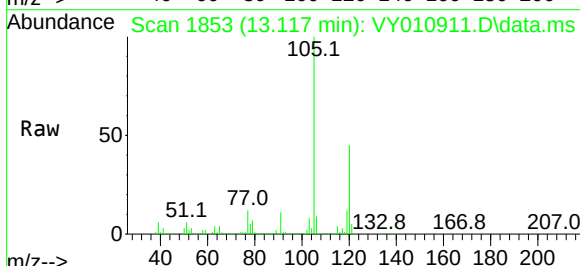
Acq: 11 Oct 2022 12:32

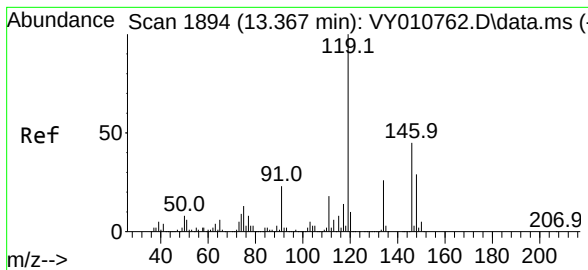
Tgt Ion:105 Resp: 350109

Ion Ratio Lower Upper

105 100

120 45.8 22.3 66.9





#86
 p-Isopropyltoluene
 Concen: 1.197 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY010911.D
 Acq: 11 Oct 2022 12:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-B-6-VERT

Tgt Ion:	119	Resp:	16148
Ion	Ratio	Lower	Upper
119	100		
134	28.5	13.2	39.5
91	28.0	12.4	37.2

