

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015631.D
 Acq On : 18 Sep 2023 21:41
 Operator : SY/MD
 Sample : 04453-01
 Misc : 5.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CPT102-13(2.5-3)

Quant Time: Sep 19 02:09:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

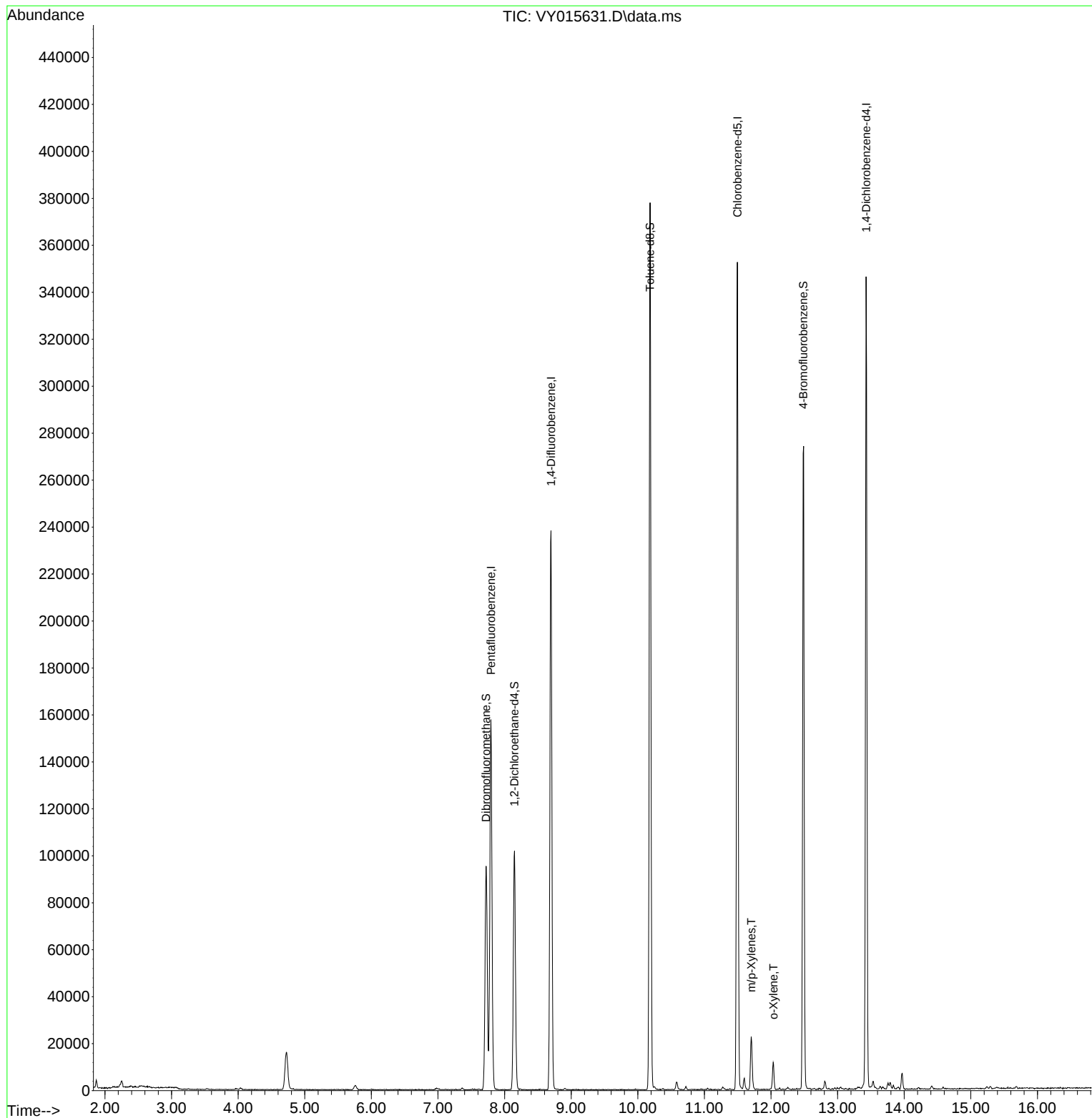
Internal Standards						
1) Pentafluorobenzene	7.795	168	122112	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	210605	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	193021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78846	60.233	ug/l	0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.460%		
35) Dibromofluoromethane	7.722	113	67825	55.913	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 111.820%		
50) Toluene-d8	10.185	98	246965	56.220	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 112.440%		
62) 4-Bromofluorobenzene	12.483	95	82630	50.669	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 101.340%		
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.703	106	6570	2.269	ug/l	98
69) o-Xylene	12.038	106	3054	1.104	ug/l	94

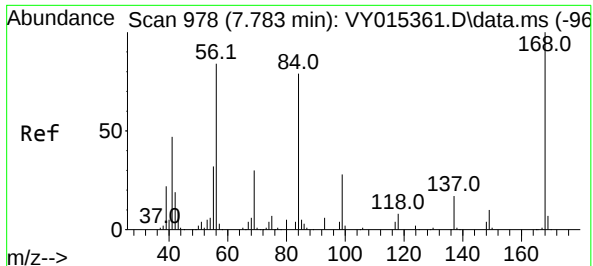
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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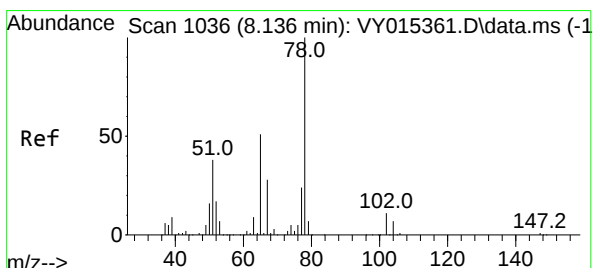
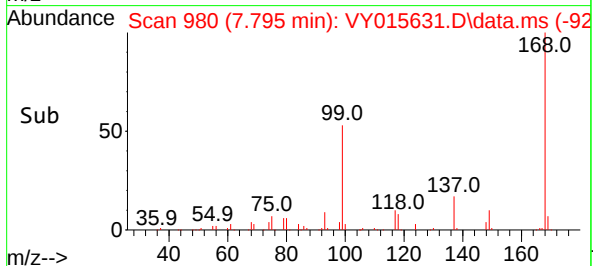
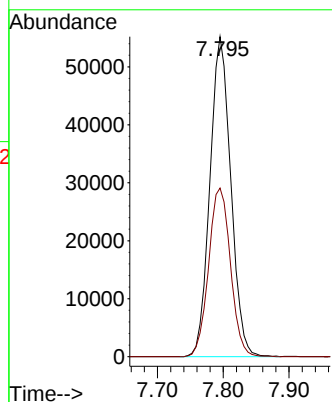
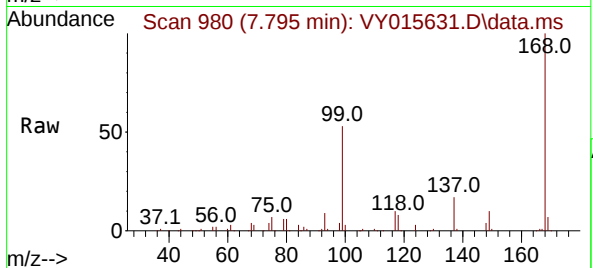




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

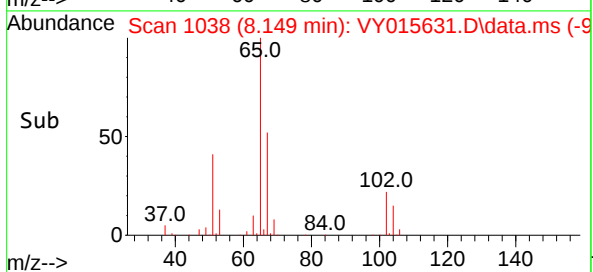
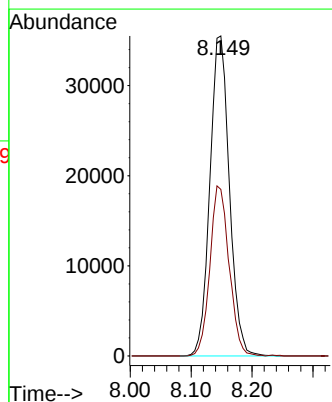
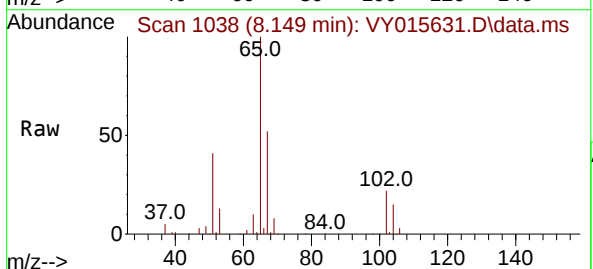
Instrument :
MSVOA_Y
ClientSampleId :
CPT102-13(2.5-3)

Tgt Ion:168 Resp: 122112
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.233 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

Tgt Ion: 65 Resp: 78846
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY015631.D

Acq: 18 Sep 2023 21:41

Instrument :

MSVOA_Y

ClientSampleId :

CPT102-13(2.5-3)

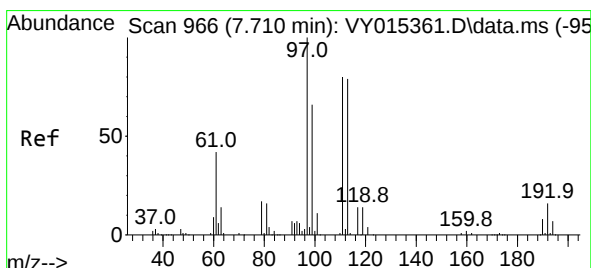
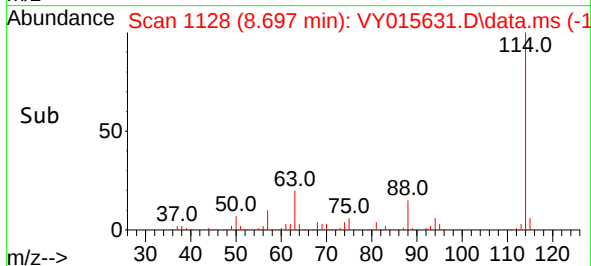
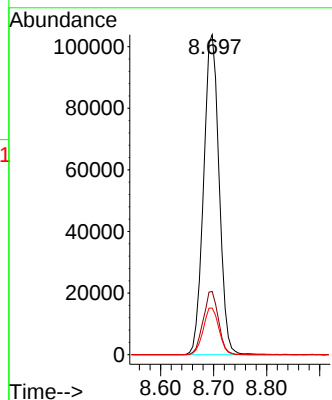
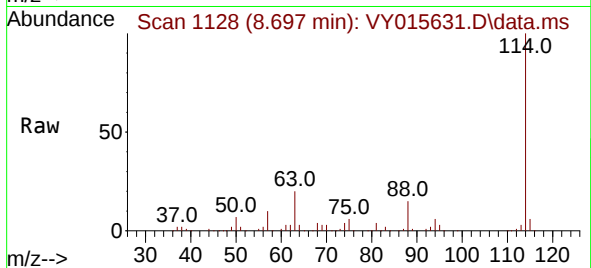
Tgt Ion:114 Resp: 210605

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.913 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015631.D

Acq: 18 Sep 2023 21:41

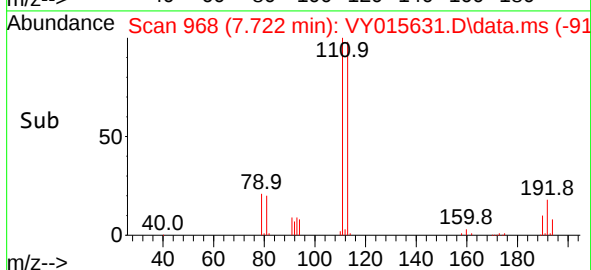
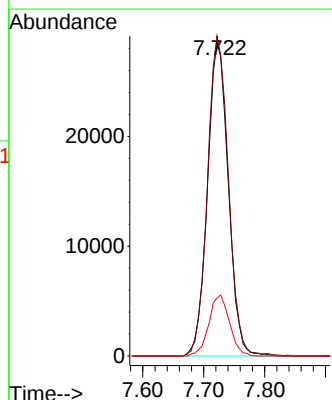
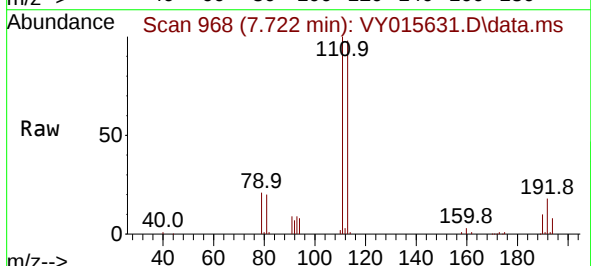
Tgt Ion:113 Resp: 67825

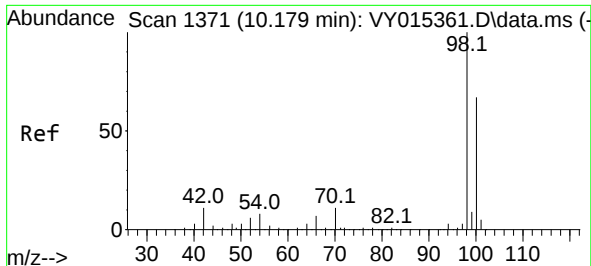
Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

192 19.2 16.9 25.3

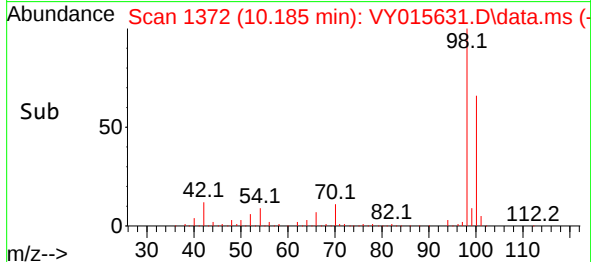
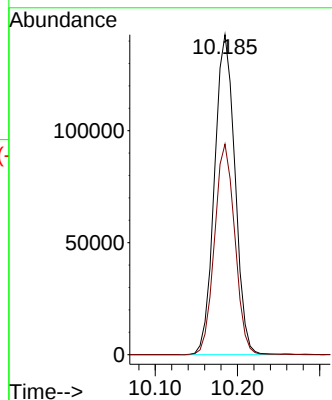
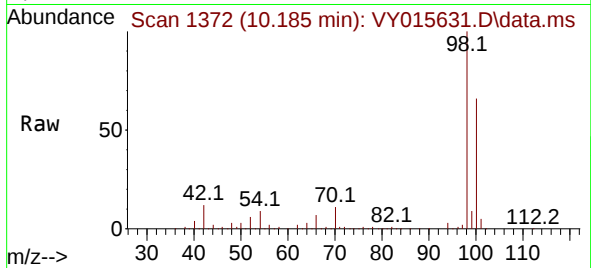




#50
Toluene-d8
Concen: 56.220 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

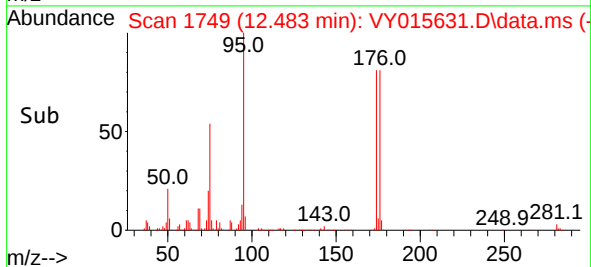
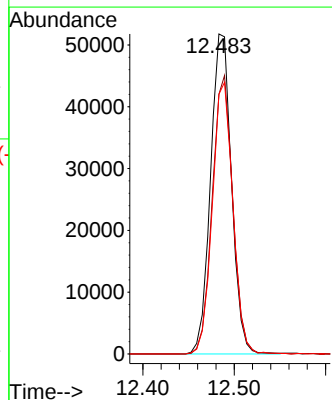
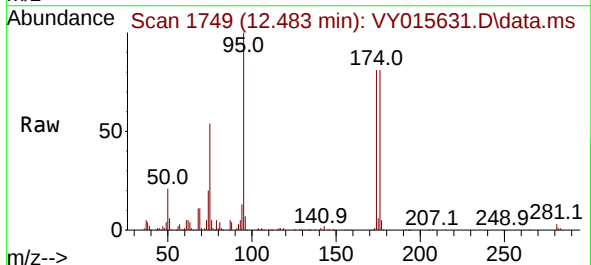
Instrument :
MSVOA_Y
ClientSampleId :
CPT102-13(2.5-3)

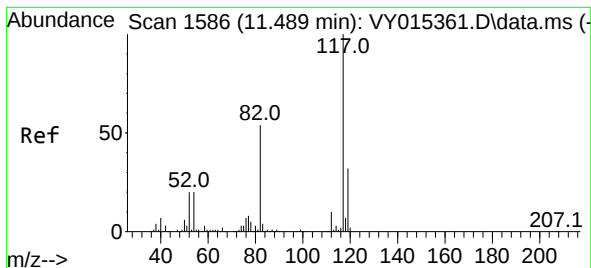
Tgt Ion: 98 Resp: 246965
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.669 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

Tgt Ion: 95 Resp: 82630
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 83.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015631.D

Acq: 18 Sep 2023 21:41

Instrument :

MSVOA_Y

ClientSampleId :

CPT102-13(2.5-3)

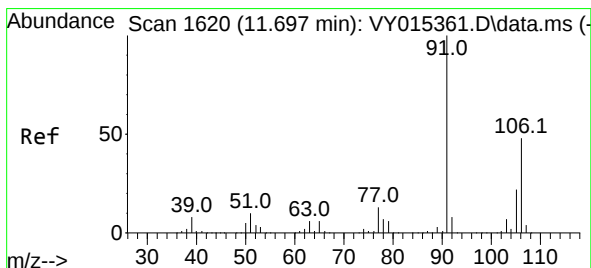
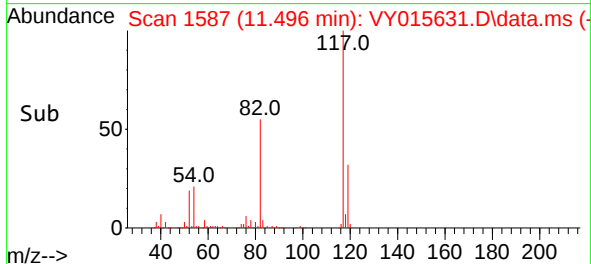
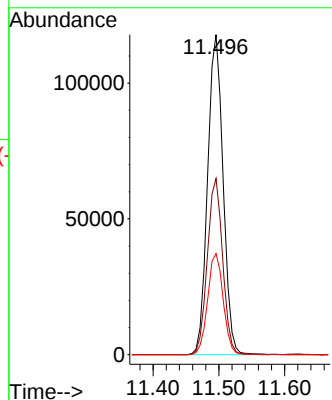
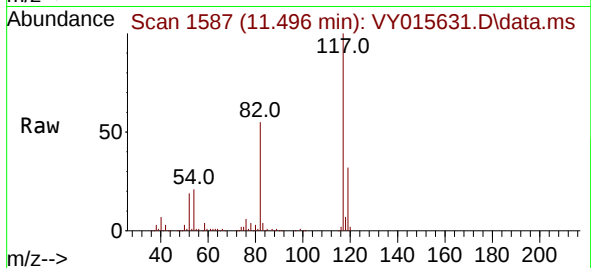
Tgt Ion:117 Resp: 193021

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 31.6 26.3 39.5



#68

m/p-Xylenes

Concen: 2.269 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015631.D

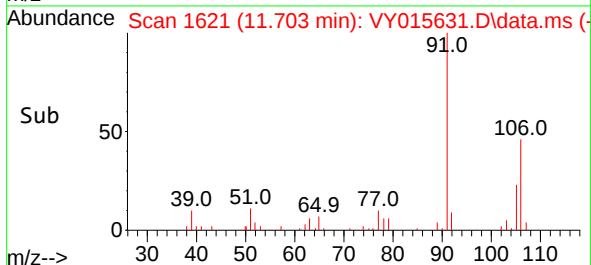
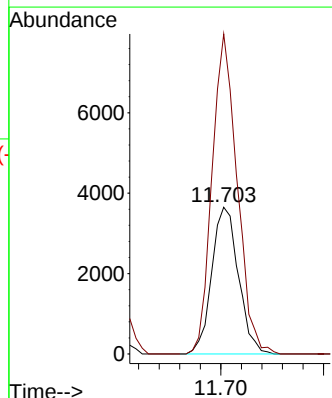
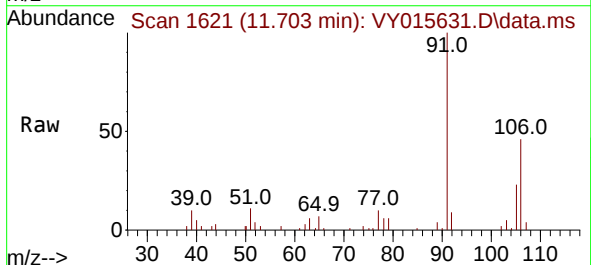
Acq: 18 Sep 2023 21:41

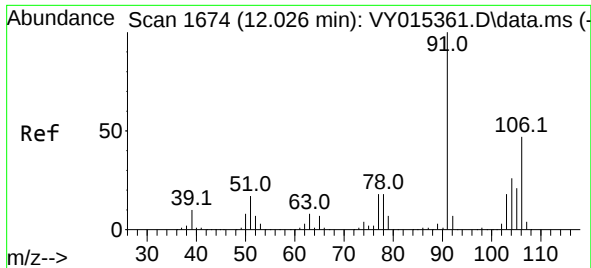
Tgt Ion:106 Resp: 6570

Ion Ratio Lower Upper

106 100

91 205.1 166.1 249.1

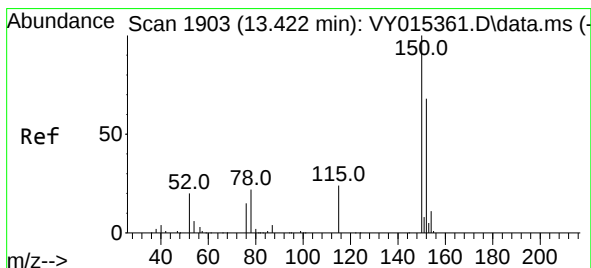
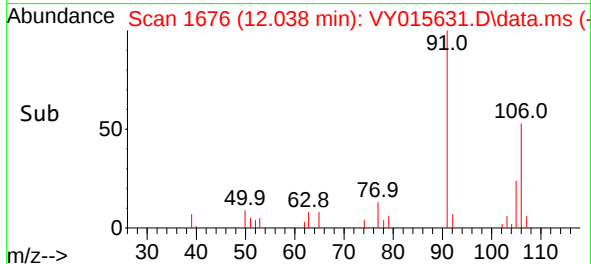
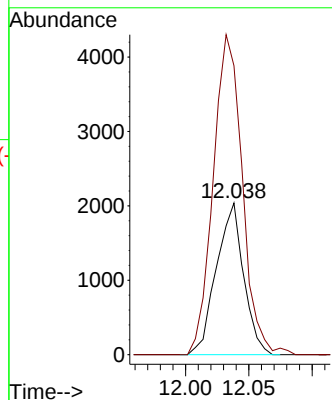
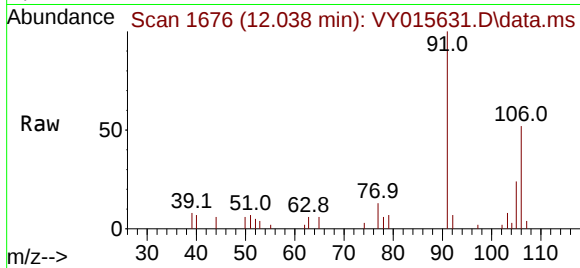




#69
o-Xylene
Concen: 1.104 ug/l
RT: 12.038 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

Instrument :
MSVOA_Y
ClientSampleId :
CPT102-13(2.5-3)

Tgt Ion:106 Resp: 3054
Ion Ratio Lower Upper
106 100
91 225.6 108.1 324.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015631.D
Acq: 18 Sep 2023 21:41

Tgt Ion:152 Resp: 87608
Ion Ratio Lower Upper
152 100
115 57.7 28.8 86.5
150 158.3 0.0 348.8

