

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
 Data File : VY012231.D
 Acq On : 17 Jan 2023 18:23
 Operator : KP/MD
 Sample : 01178-01
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AU-5-011723

Quant Time: Jan 18 00:34:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

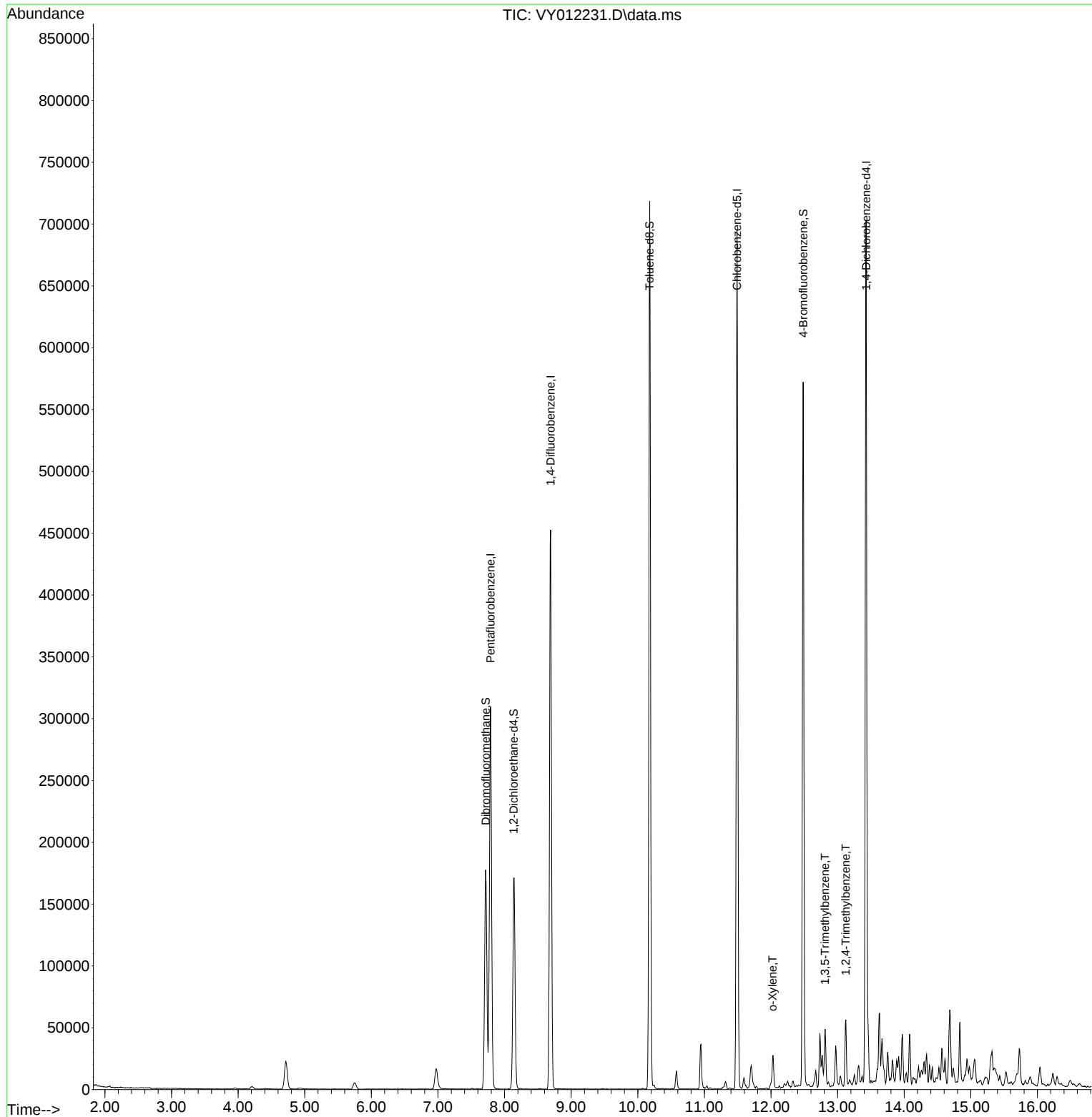
Internal Standards						
1) Pentafluorobenzene	7.789	168	241267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	407871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	389430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	137347	70.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.540%	
35) Dibromofluoromethane	7.716	113	124488	57.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.280%	
50) Toluene-d8	10.179	98	481985	65.779	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 131.560%	
62) 4-Bromofluorobenzene	12.483	95	171149	56.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.440%	
Target Compounds						
						Qvalue
69) o-Xylene	12.026	106	6959	1.294	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	14859	1.273	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	29902	2.597	ug/l	99

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

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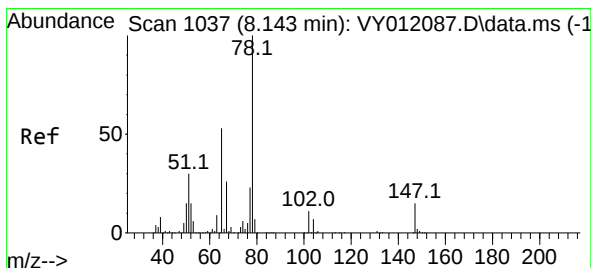
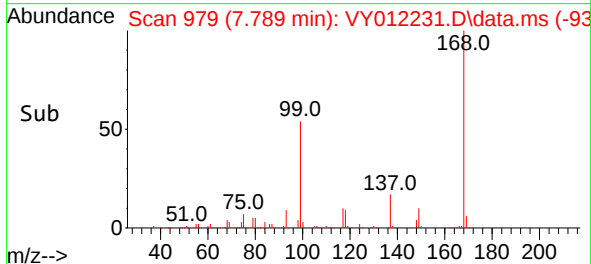
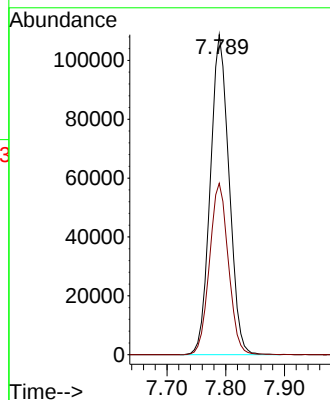
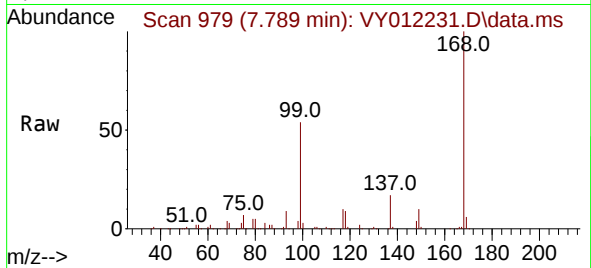




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012231.D
Acq: 17 Jan 2023 18:23

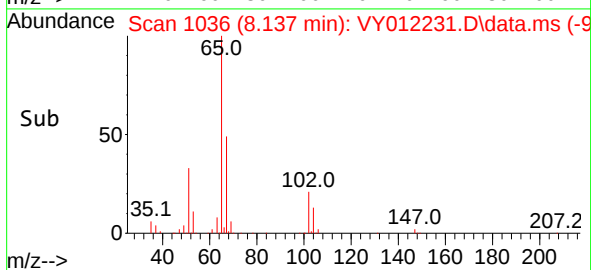
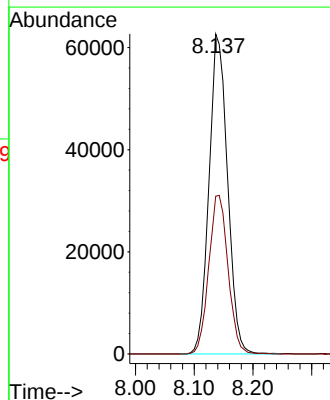
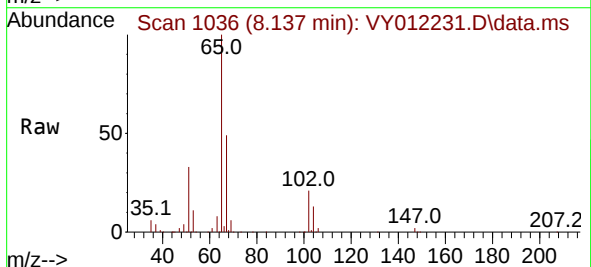
Instrument :
MSVOA_Y
ClientSampleId :
AU-5-011723

Tgt Ion:168 Resp: 241267
Ion Ratio Lower Upper
168 100
99 53.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 70.274 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012231.D
Acq: 17 Jan 2023 18:23

Tgt Ion: 65 Resp: 137347
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.2

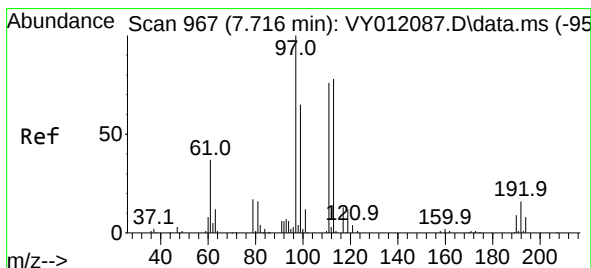
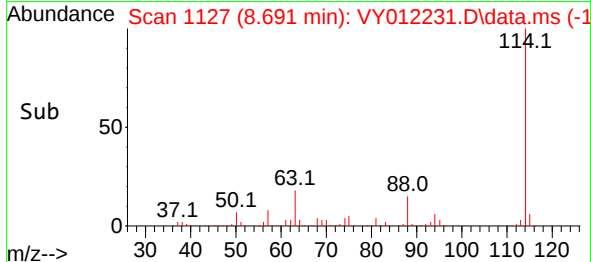
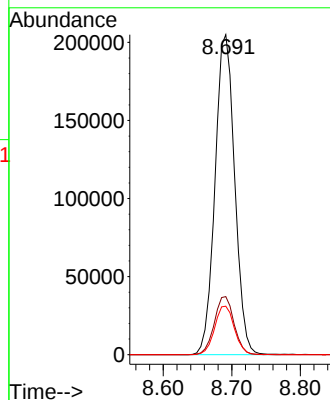
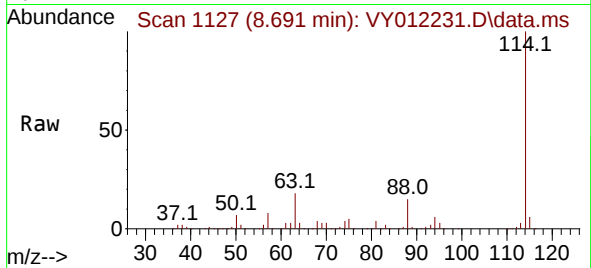




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012231.D
Acq: 17 Jan 2023 18:23

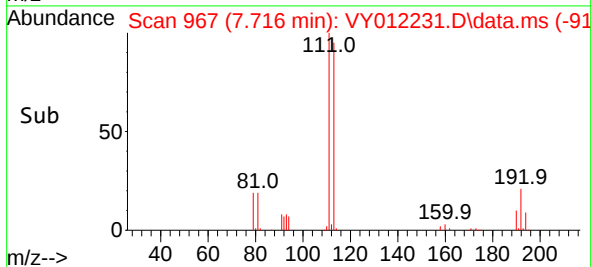
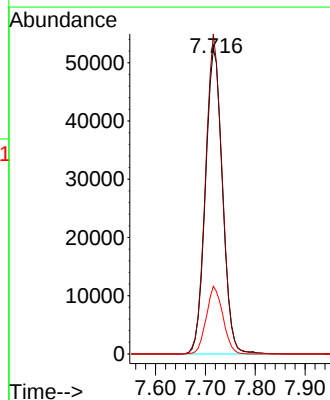
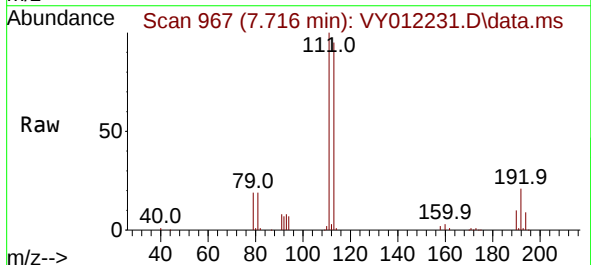
Instrument :
MSVOA_Y
ClientSampleId :
AU-5-011723

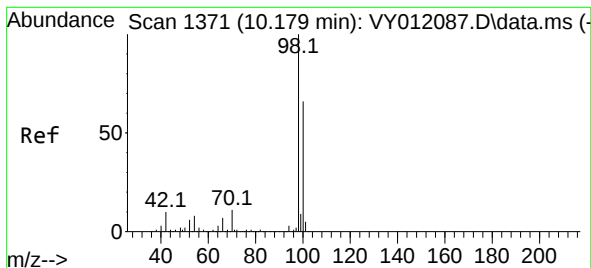
Tgt Ion:114 Resp: 407871
Ion Ratio Lower Upper
114 100
63 18.2 0.0 39.6
88 15.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 57.642 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012231.D
Acq: 17 Jan 2023 18:23

Tgt Ion:113 Resp: 124488
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.4
192 21.6 16.0 24.0

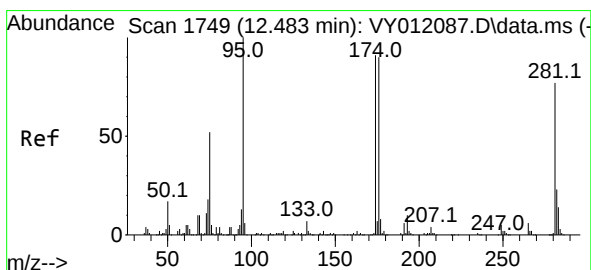
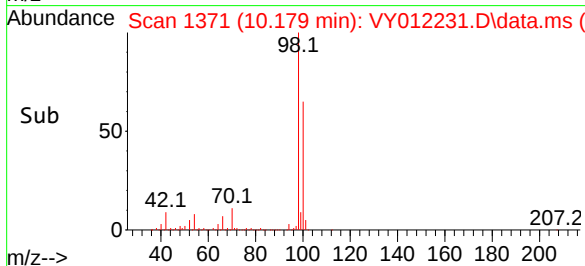
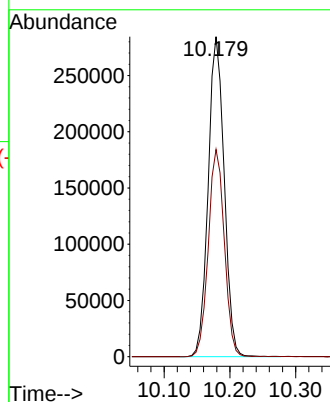
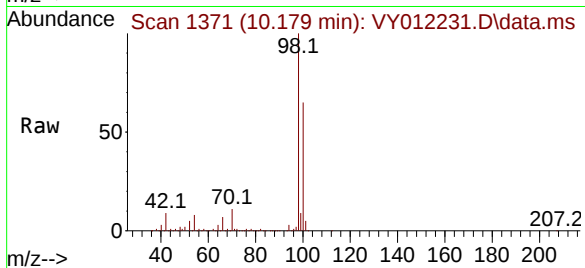




#50
Toluene-d8
Concen: 65.779 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012231.D
Acq: 17 Jan 2023 18:23

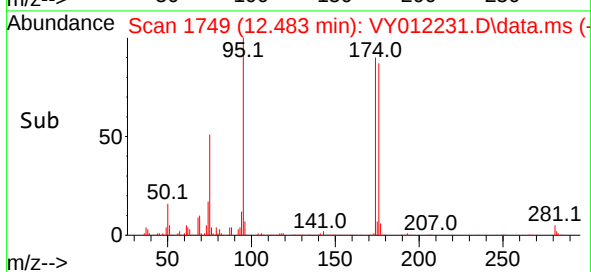
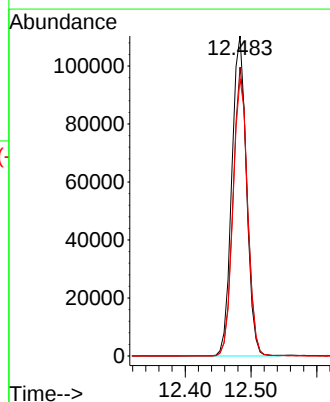
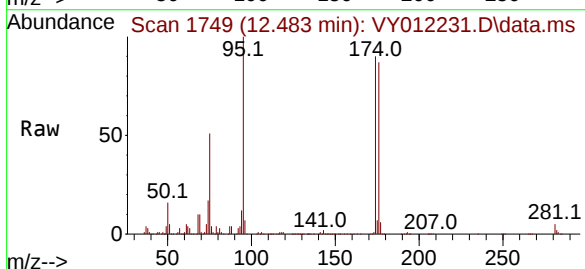
Instrument :
MSVOA_Y
ClientSampleId :
AU-5-011723

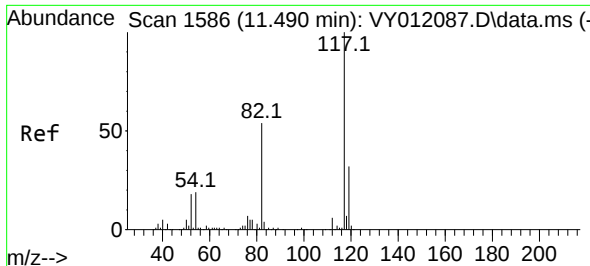
Tgt Ion: 98 Resp: 481985
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012231.D
Acq: 17 Jan 2023 18:23

Tgt Ion: 95 Resp: 171149
Ion Ratio Lower Upper
95 100
174 88.8 0.0 172.0
176 86.4 0.0 167.6

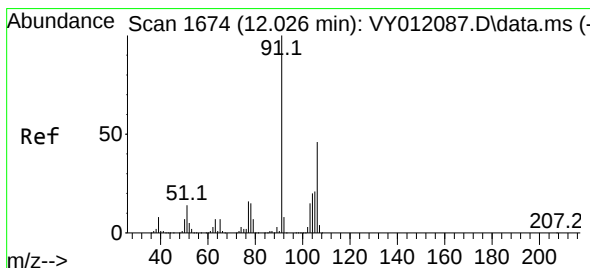
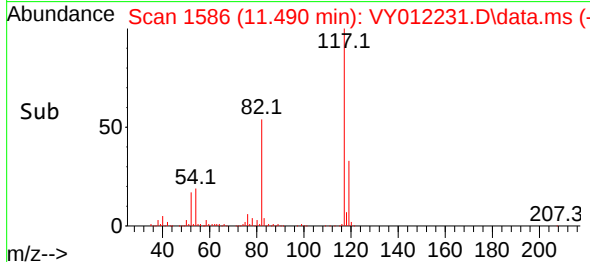
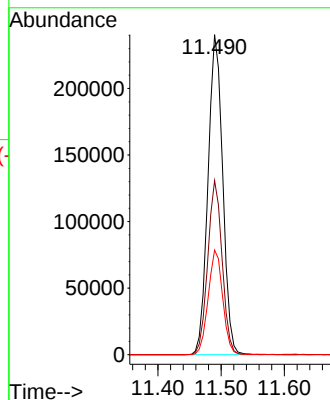
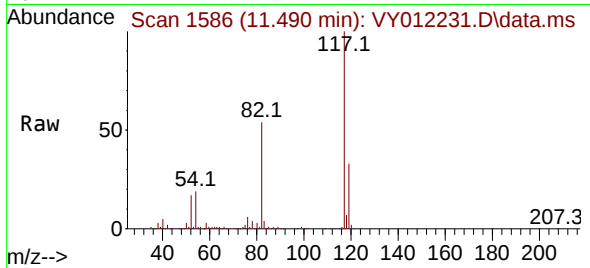




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012231.D
Acq: 17 Jan 2023 18:23

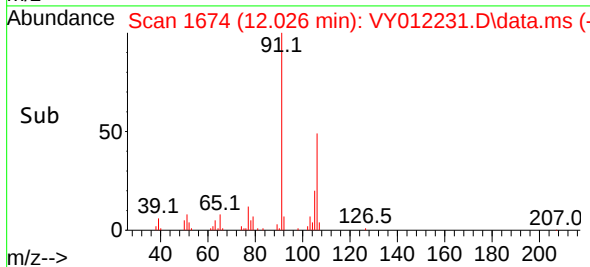
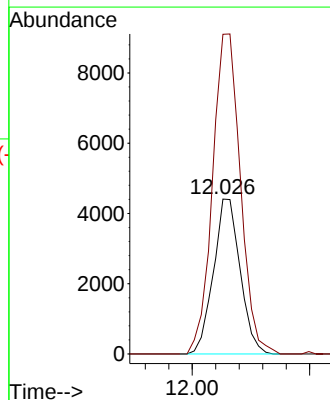
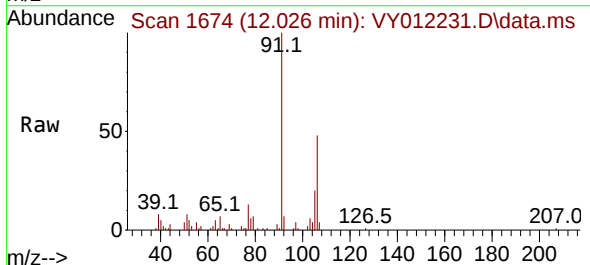
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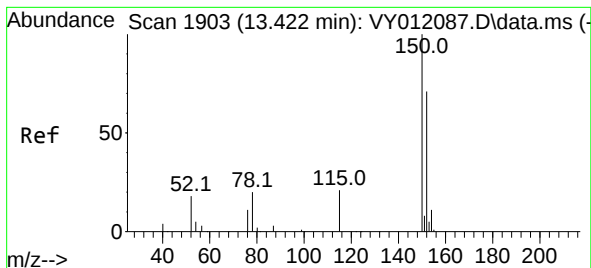
Tgt Ion:117 Resp: 389430
Ion Ratio Lower Upper
117 100
82 54.4 44.8 67.2
119 32.7 25.4 38.2



#69
o-Xylene
Concen: 1.294 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY012231.D
Acq: 17 Jan 2023 18:23

Tgt Ion:106 Resp: 6959
Ion Ratio Lower Upper
106 100
91 215.8 107.5 322.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY012231.D

Acq: 17 Jan 2023 18:23

Instrument :

MSVOA_Y

ClientSampleId :

AU-5-011723

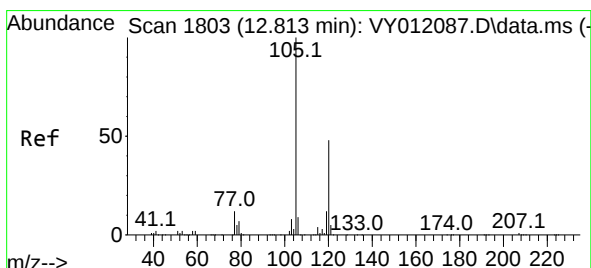
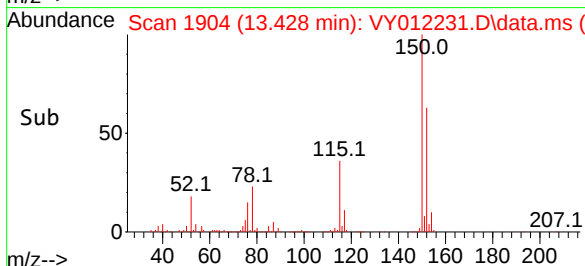
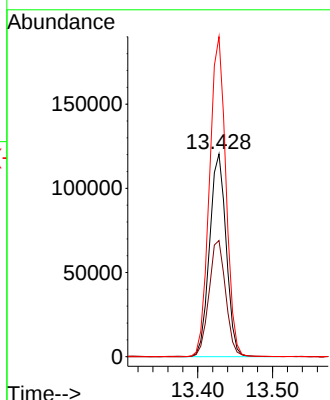
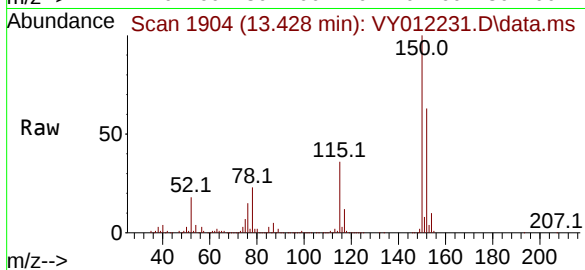
Tgt Ion:152 Resp: 186228

Ion Ratio Lower Upper

152 100

115 58.0 29.1 87.3

150 156.4 0.0 342.6



#80

1,3,5-Trimethylbenzene

Concen: 1.273 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012231.D

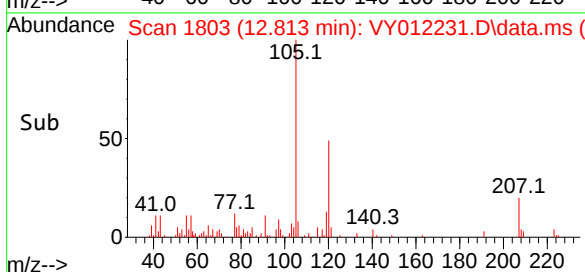
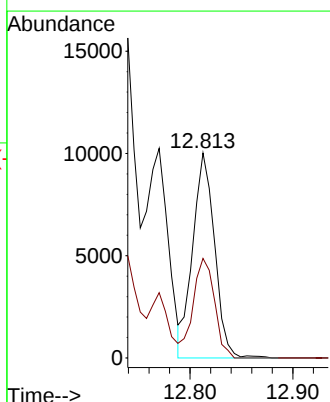
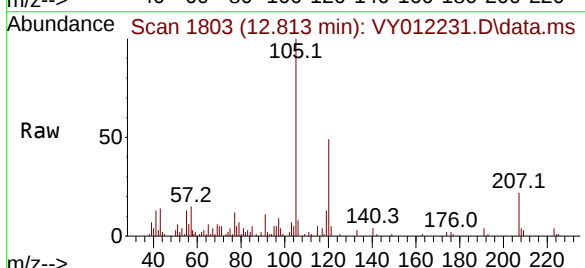
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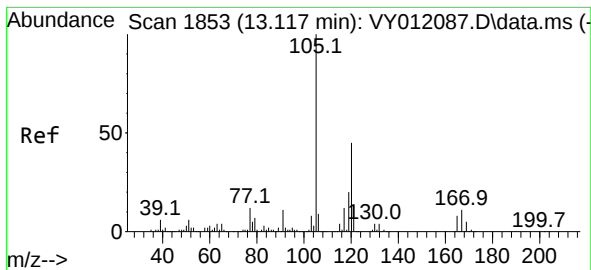
Tgt Ion:105 Resp: 14859

Ion Ratio Lower Upper

105 100

120 47.6 24.2 72.6





#84

1,2,4-Trimethylbenzene

Concen: 2.597 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012231.D

Acq: 17 Jan 2023 18:23

Instrument :

MSVOA_Y

ClientSampleId :

AU-5-011723

Tgt Ion:105 Resp: 29902

Ion Ratio Lower Upper

105 100

120 46.6 22.9 68.7

