

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011022\
 Data File : VY007102.D
 Acq On : 10 Jan 2022 13:59
 Operator : SY/MD
 Sample : N1065-32
 Misc : 6.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-8

Quant Time: Jan 11 02:42:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

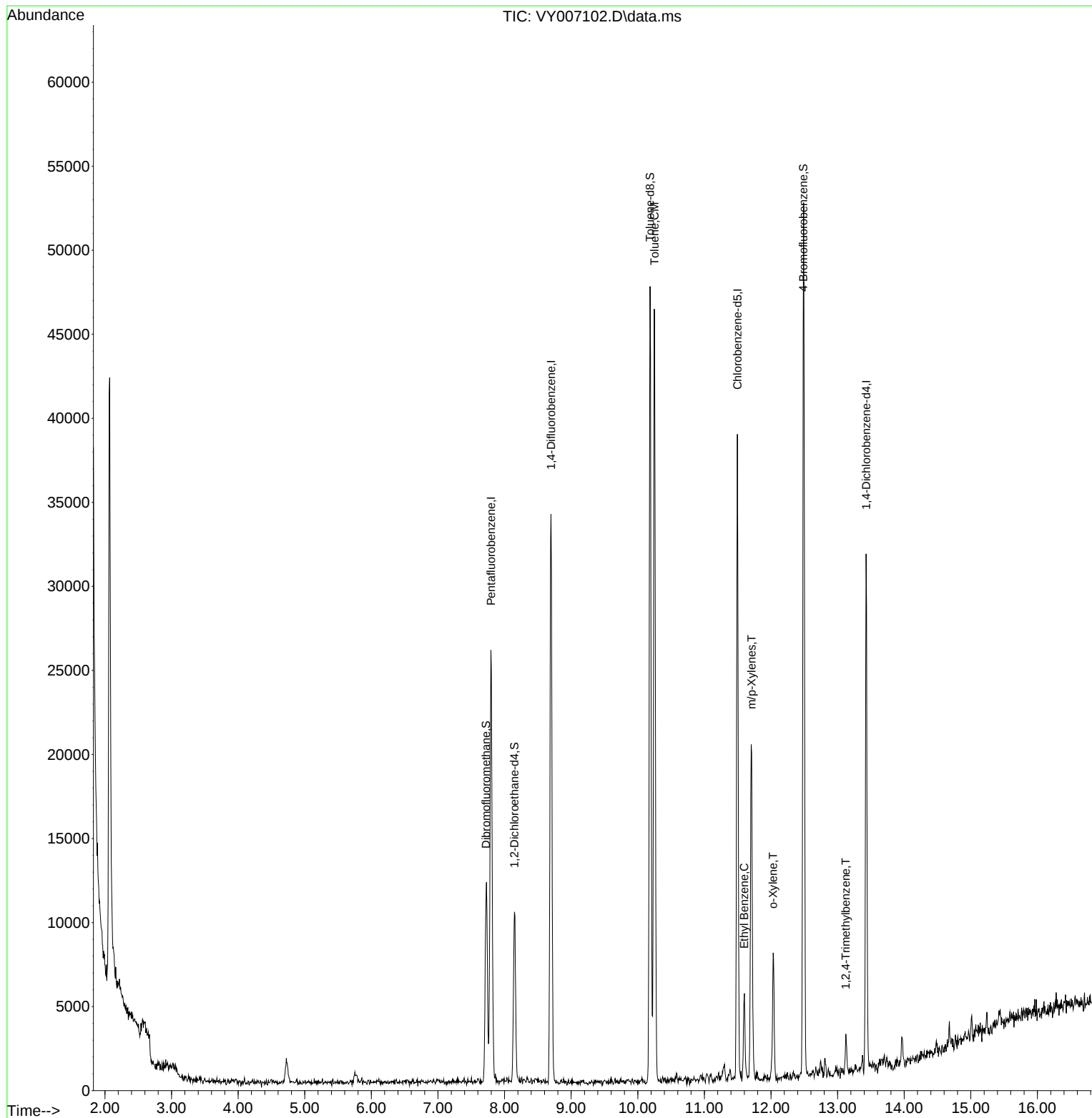
Internal Standards						
1) Pentafluorobenzene	7.795	168	19178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	29847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	20445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	8355	36.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.840%
35) Dibromofluoromethane	7.722	113	8777	44.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.240%
50) Toluene-d8	10.185	98	33573	45.692	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.380%
62) 4-Bromofluorobenzene	12.483	95	8822	33.291	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.580%
Target Compounds						
					Qvalue	
52) Toluene	10.252	92	20325	37.620	ug/l	99
67) Ethyl Benzene	11.599	91	3724	4.506	ug/l	97
68) m/p-Xylenes	11.709	106	6164	19.942	ug/l	98
69) o-Xylene	12.032	106	2007	6.932	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	1400	2.857	ug/l	90

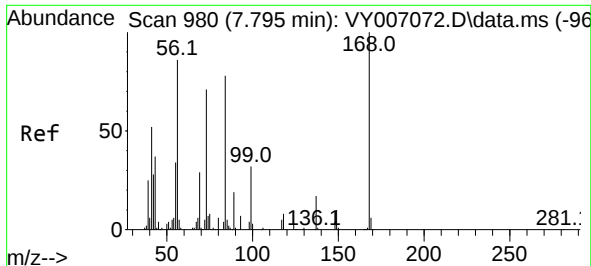
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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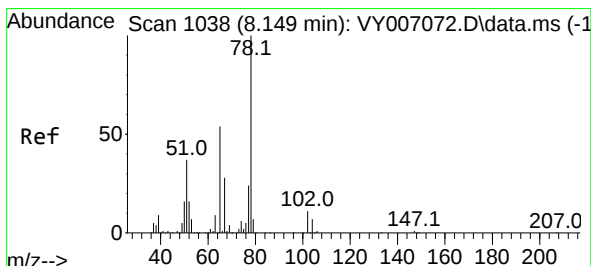
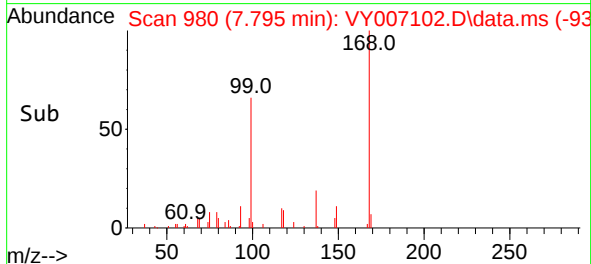
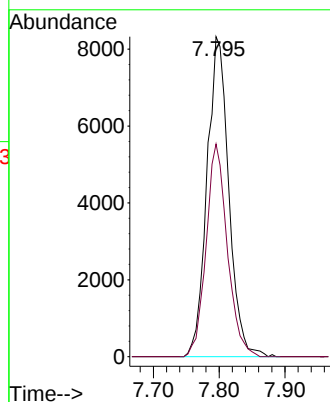
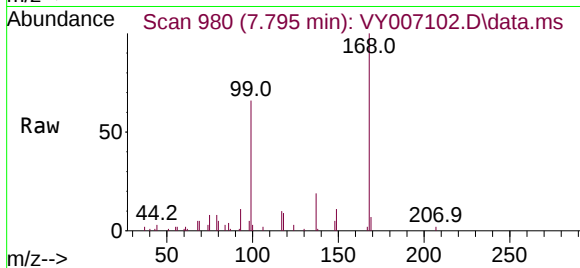




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007102.D
Acq: 10 Jan 2022 13:59

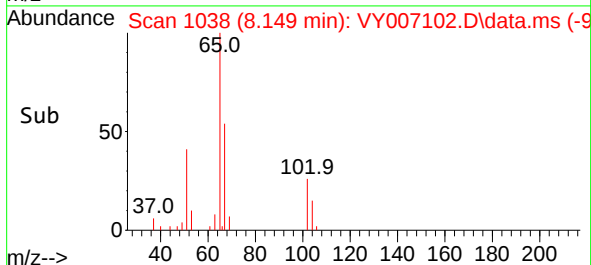
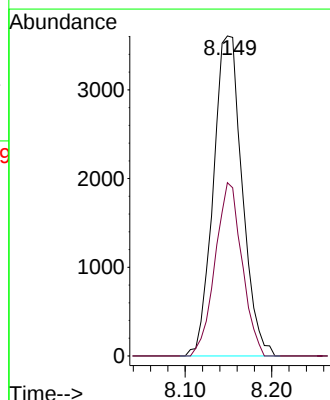
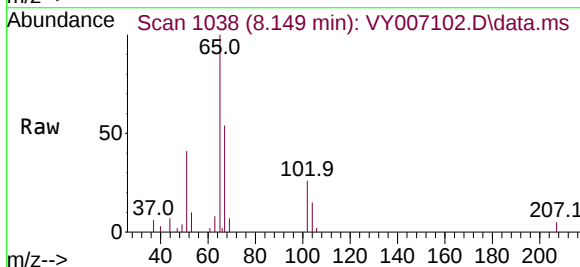
Instrument :
MSVOA_Y
ClientSampleId :
AMI-8

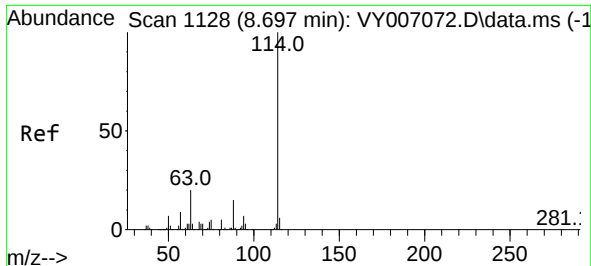
Tgt Ion:168 Resp: 19178
Ion Ratio Lower Upper
168 100
99 66.5 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 36.416 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY007102.D
Acq: 10 Jan 2022 13:59

Tgt Ion: 65 Resp: 8355
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.6

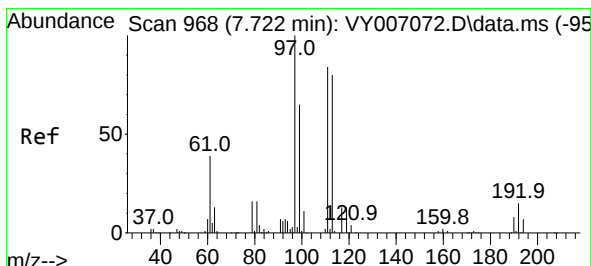
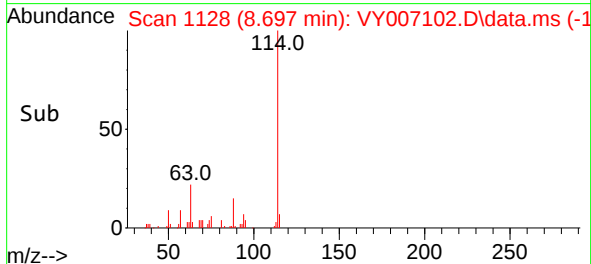
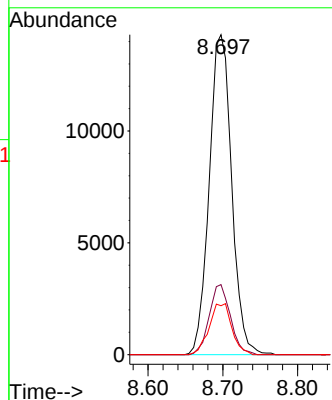
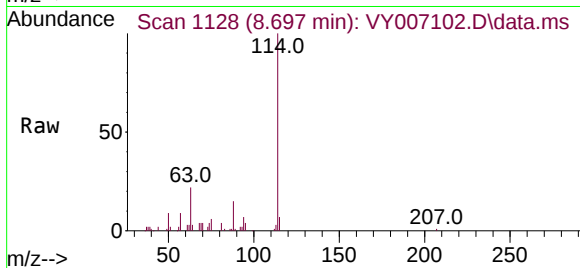




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY007102.D
Acq: 10 Jan 2022 13:59

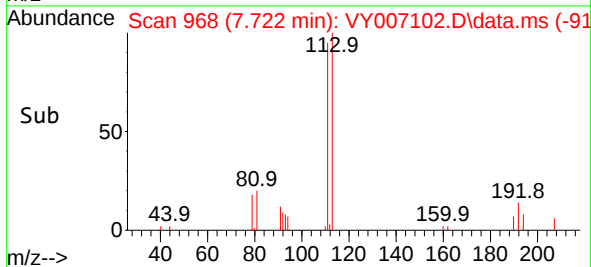
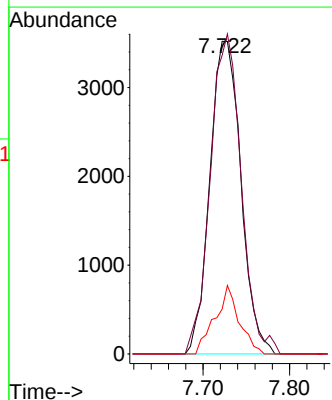
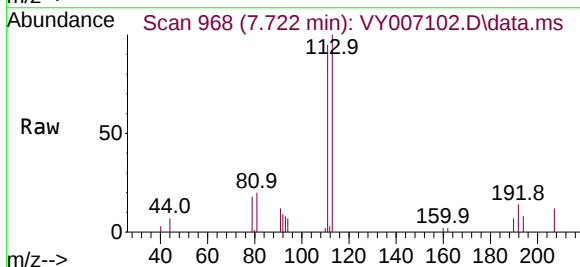
Instrument :
MSVOA_Y
ClientSampleId :
AMI-8

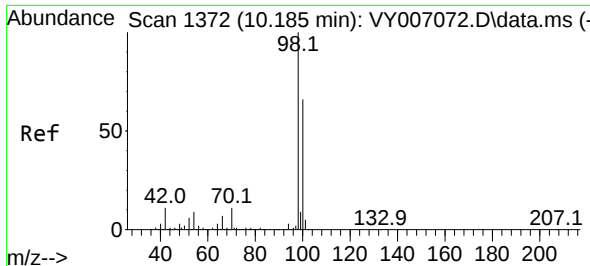
Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	39.2
88	15.3	0.0	31.0



#35
Dibromofluoromethane
Concen: 44.122 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007102.D
Acq: 10 Jan 2022 13:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	17.0	14.2	21.4

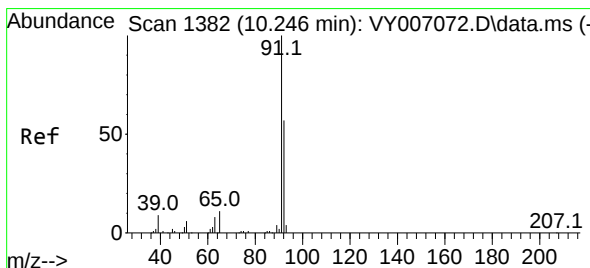
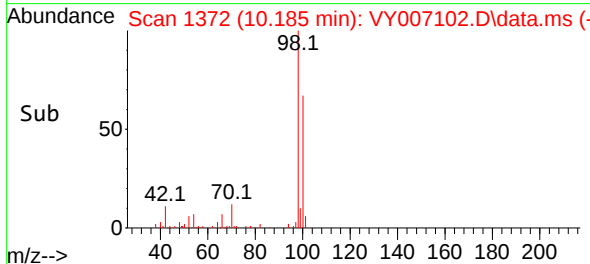
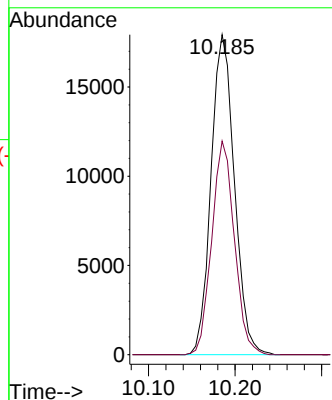
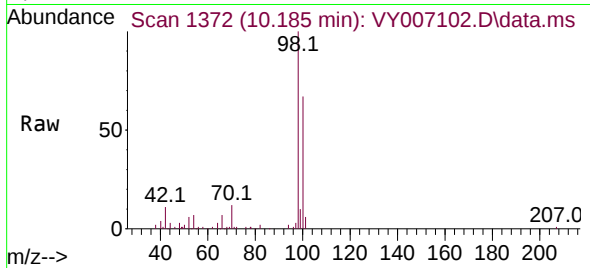




#50
Toluene-d8
Concen: 45.692 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007102.D
Acq: 10 Jan 2022 13:59

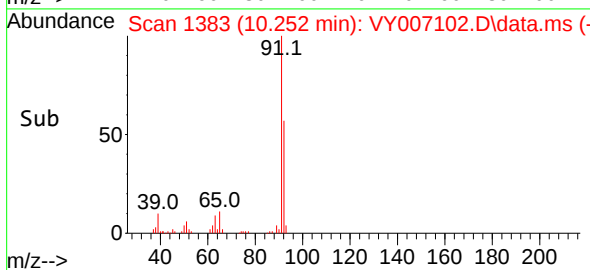
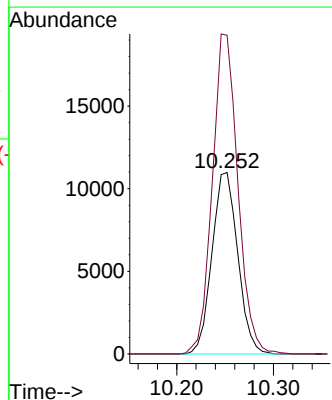
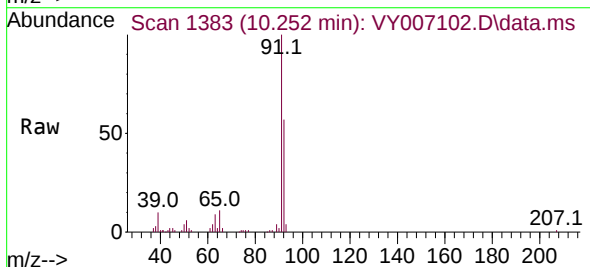
Instrument :
MSVOA_Y
ClientSampleId :
AMI-8

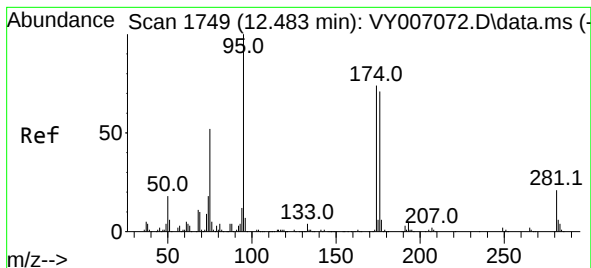
Tgt Ion: 98 Resp: 33573
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#52
Toluene
Concen: 37.620 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY007102.D
Acq: 10 Jan 2022 13:59

Tgt Ion: 92 Resp: 20325
Ion Ratio Lower Upper
92 100
91 175.0 138.6 207.8

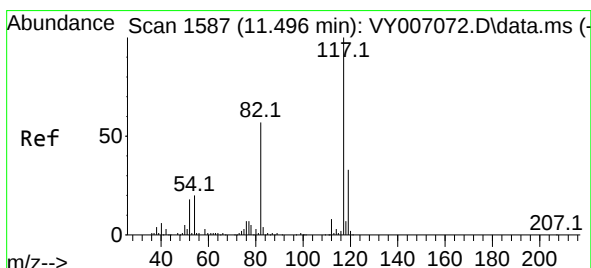
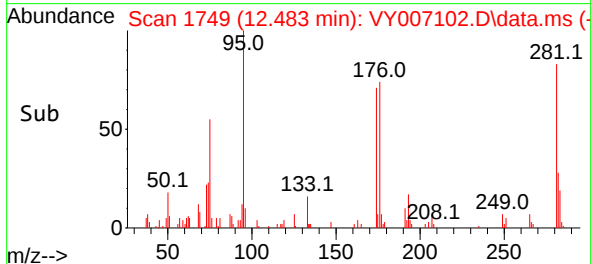
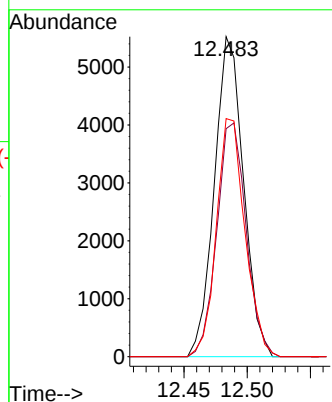
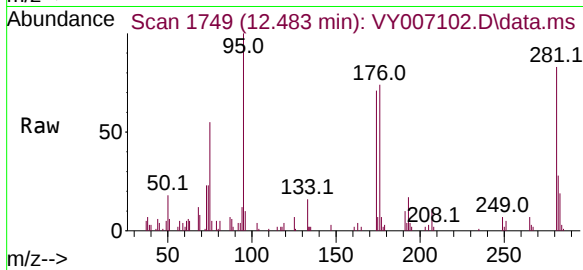




#62
4-Bromofluorobenzene
Concen: 33.291 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007102.D
Acq: 10 Jan 2022 13:59

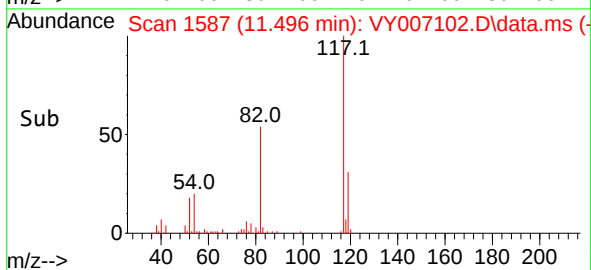
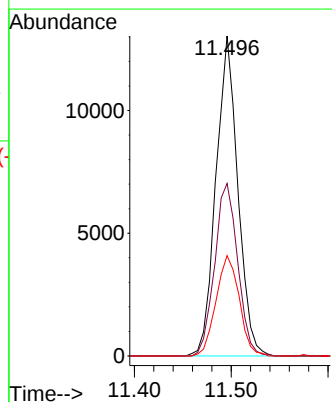
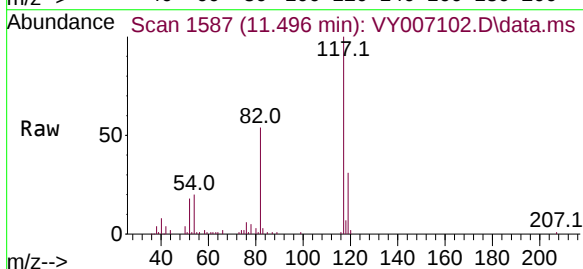
Instrument :
MSVOA_Y
ClientSampleId :
AMI-8

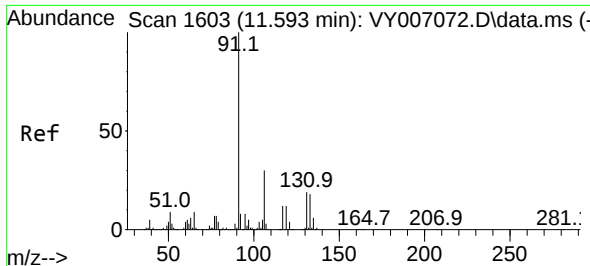
Tgt Ion: 95 Resp: 8822
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.4
176 73.1 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007102.D
Acq: 10 Jan 2022 13:59

Tgt Ion: 117 Resp: 20445
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.0
119 31.4 26.4 39.6





#67

Ethyl Benzene

Concen: 4.506 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY007102.D

Acq: 10 Jan 2022 13:59

Instrument :

MSVOA_Y

ClientSampleId :

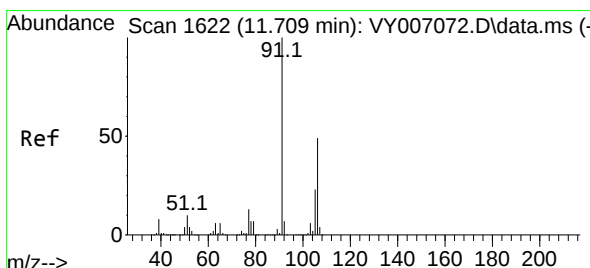
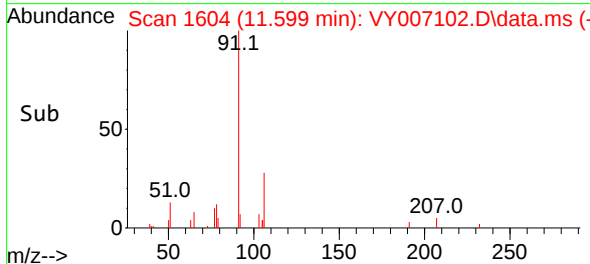
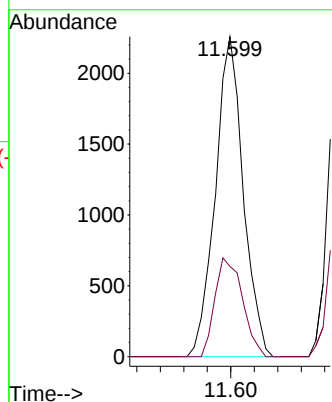
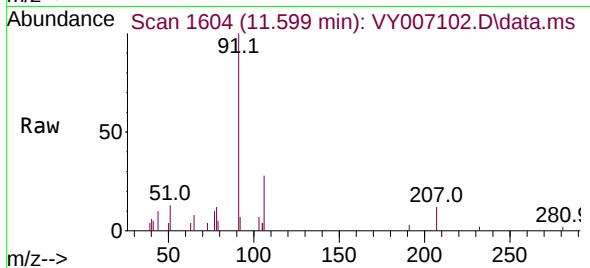
AMI-8

Tgt Ion: 91 Resp: 3724

Ion Ratio Lower Upper

91 100

106 28.2 23.9 35.9



#68

m/p-Xylenes

Concen: 19.942 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY007102.D

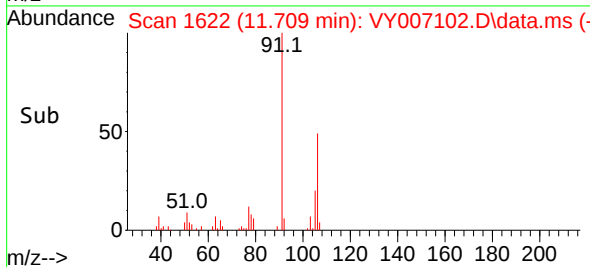
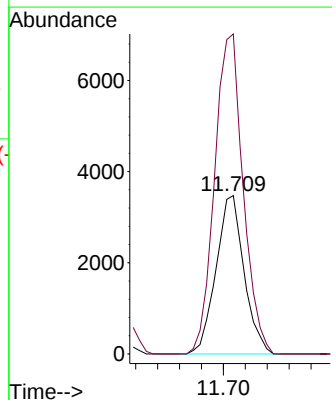
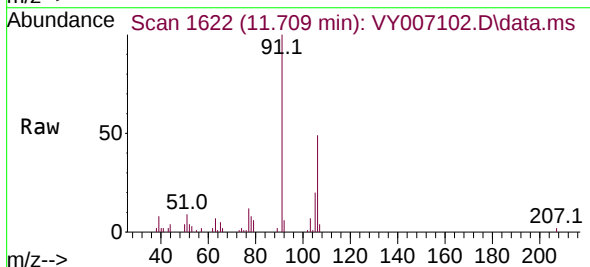
Acq: 10 Jan 2022 13:59

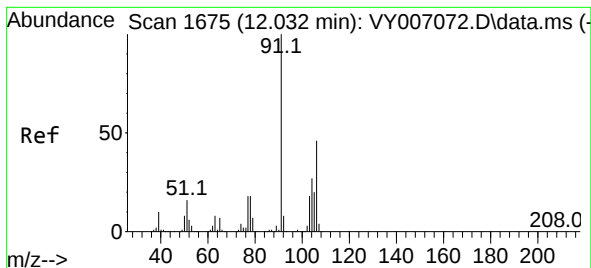
Tgt Ion: 106 Resp: 6164

Ion Ratio Lower Upper

106 100

91 206.0 167.1 250.7





#69

o-Xylene

Concen: 6.932 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007102.D

Acq: 10 Jan 2022 13:59

Instrument :

MSVOA_Y

ClientSampleId :

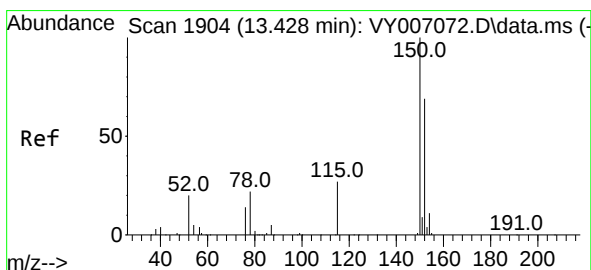
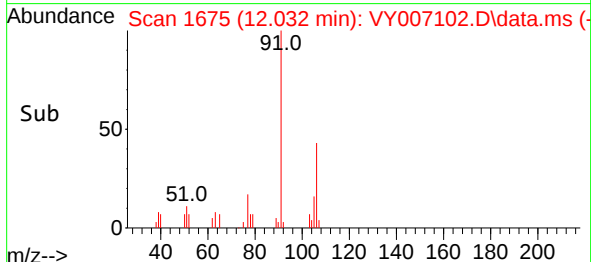
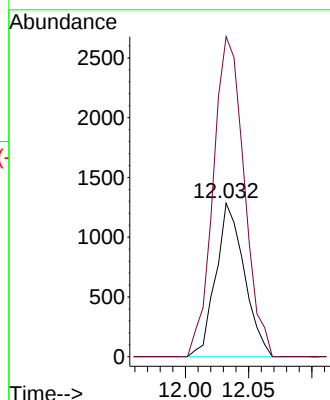
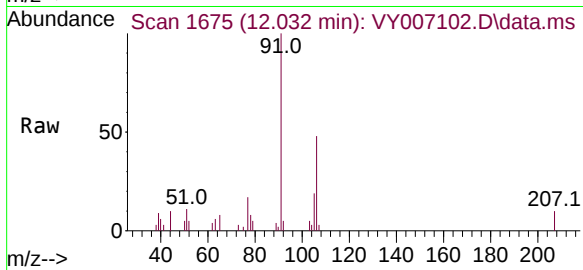
AMI-8

Tgt Ion:106 Resp: 2007

Ion Ratio Lower Upper

106 100

91 226.9 109.9 329.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007102.D

Acq: 10 Jan 2022 13:59

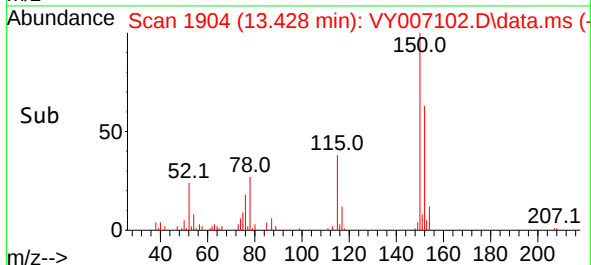
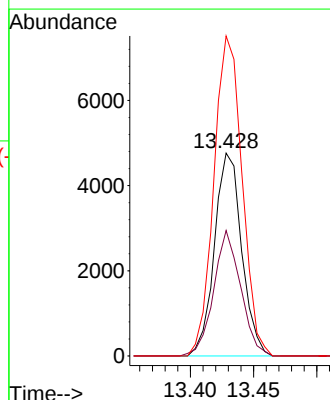
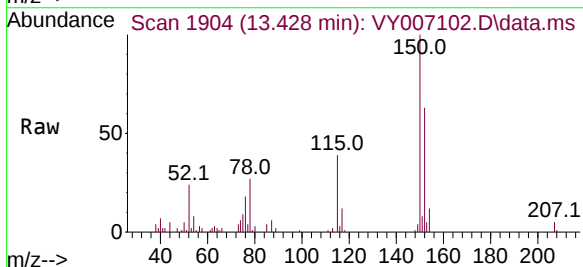
Tgt Ion:152 Resp: 7122

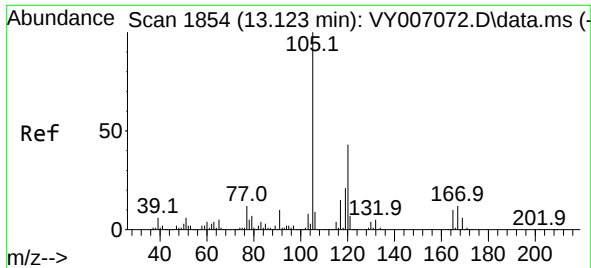
Ion Ratio Lower Upper

152 100

115 61.2 31.4 94.0

150 163.4 0.0 348.4





#84
 1,2,4-Trimethylbenzene
 Concen: 2.857 ug/l
 RT: 13.123 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY007102.D
 Acq: 10 Jan 2022 13:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-8

Tgt Ion:105 Resp: 1400
 Ion Ratio Lower Upper
 105 100
 120 36.6 21.6 64.6

