

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
 Data File : VY007062.D
 Acq On : 07 Jan 2022 18:50
 Operator : SY/MD
 Sample : N1065-32
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-8

Quant Time: Jan 08 04:12:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

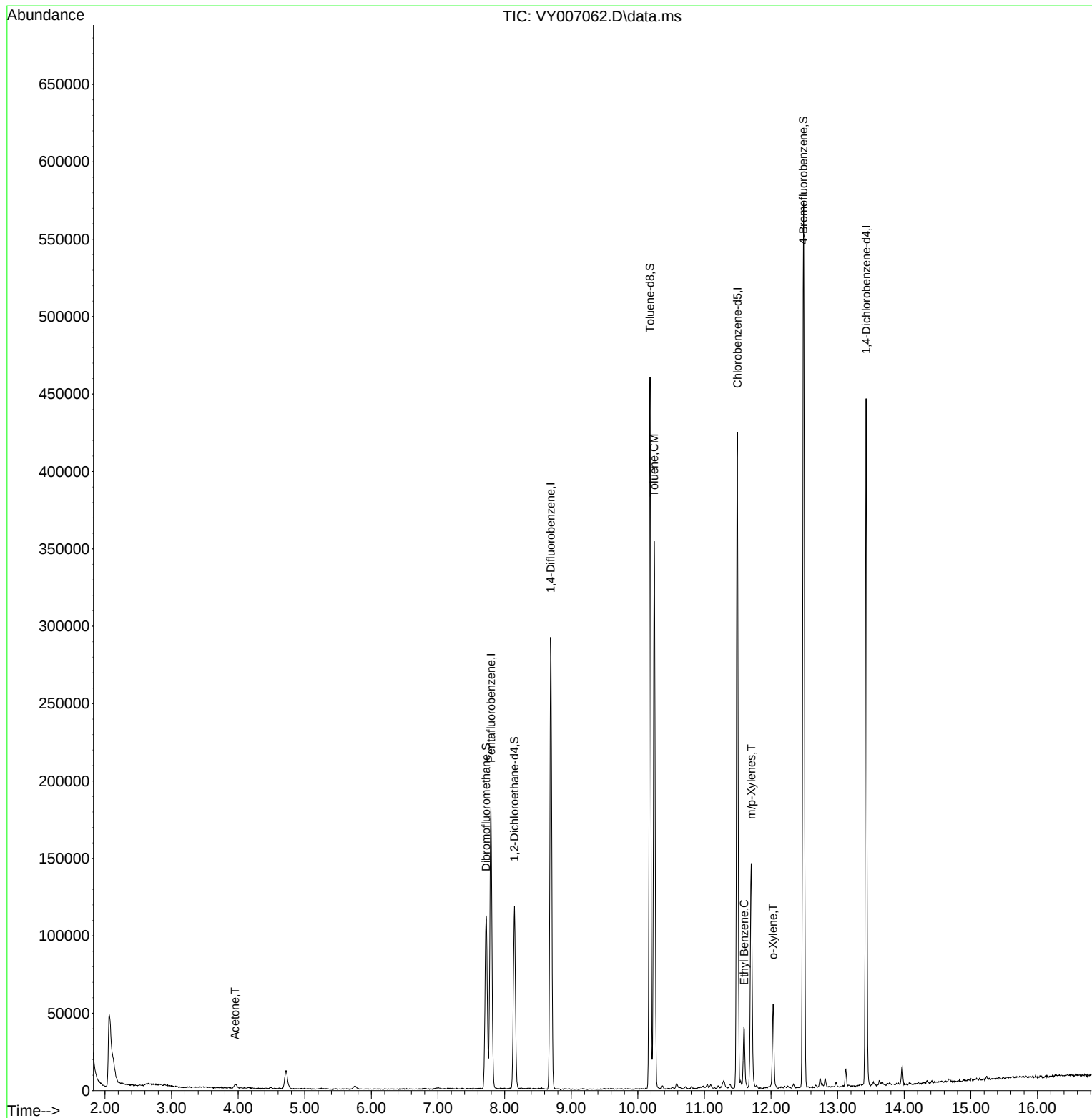
Internal Standards						
1) Pentafluorobenzene	7.795	168	134054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	247850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	232967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93393	59.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.040%
35) Dibromofluoromethane	7.722	113	82503	50.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.280%
50) Toluene-d8	10.185	98	306124	50.571	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.483	95	115889	50.835	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.660%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	4767	13.674	ug/l	91
52) Toluene	10.246	92	150912	31.738	ug/l	99
67) Ethyl Benzene	11.599	91	25694	2.633	ug/l	100
68) m/p-Xylenes	11.703	106	43334	11.659	ug/l	99
69) o-Xylene	12.032	106	14138	4.056	ug/l	93

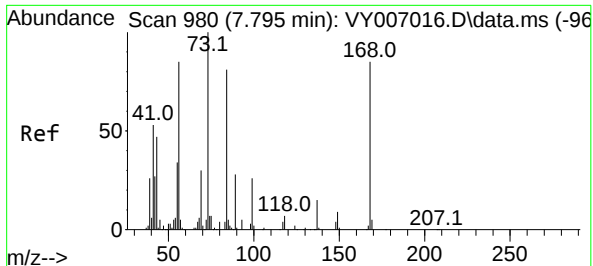
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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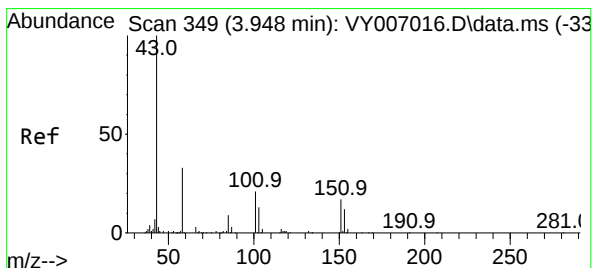
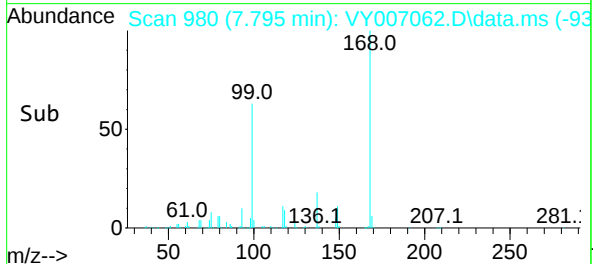
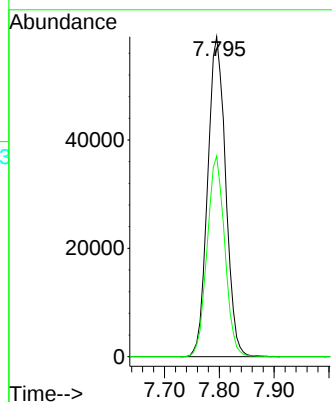
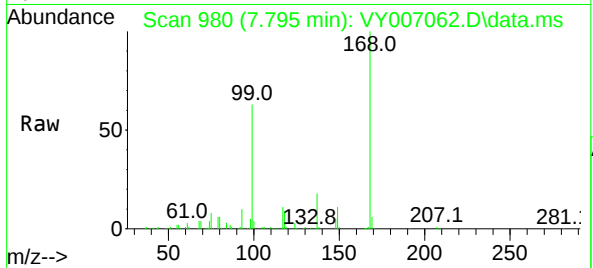




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

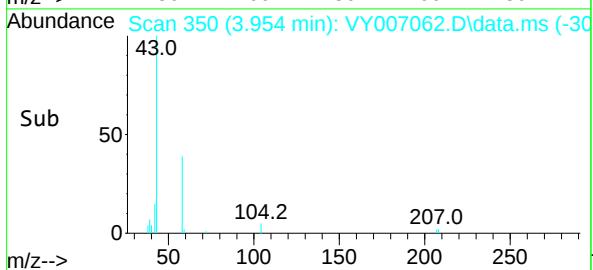
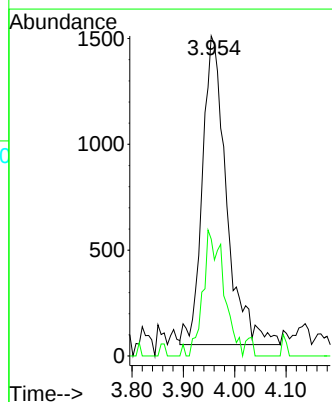
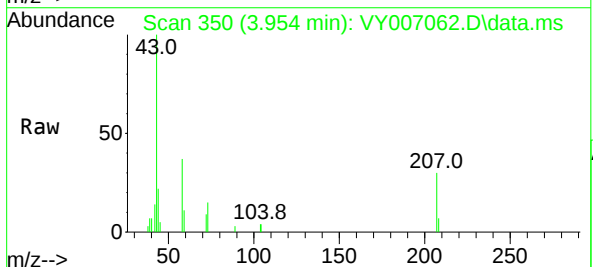
Instrument :
MSVOA_Y
ClientSampleId :
AMI-8

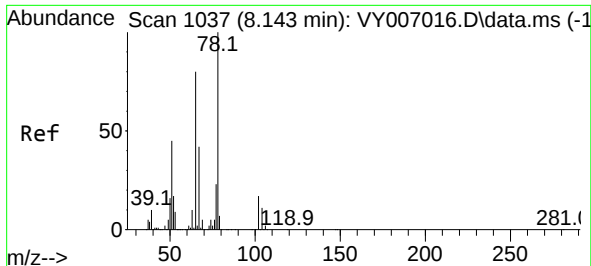
Tgt Ion:168 Resp: 134054
Ion Ratio Lower Upper
168 100
99 62.7 48.9 73.3



#16
Acetone
Concen: 13.674 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

Tgt Ion: 43 Resp: 4767
Ion Ratio Lower Upper
43 100
58 37.9 26.3 39.5





#33

1,2-Dichloroethane-d4

Concen: 59.020 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY007062.D

Acq: 07 Jan 2022 18:50

Instrument :

MSVOA_Y

ClientSampleId :

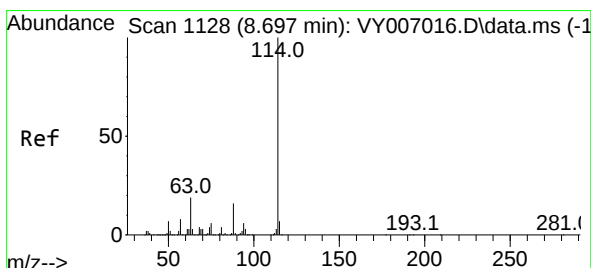
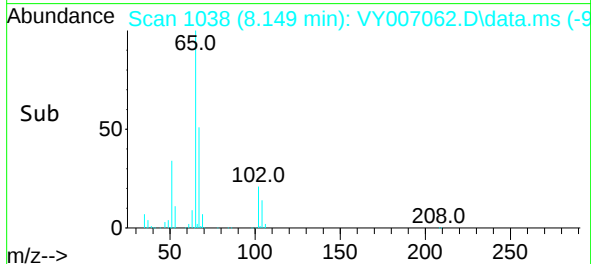
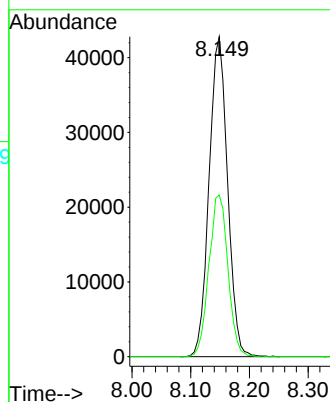
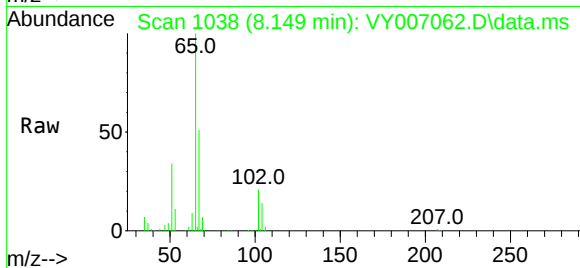
AMI-8

Tgt Ion: 65 Resp: 93393

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007062.D

Acq: 07 Jan 2022 18:50

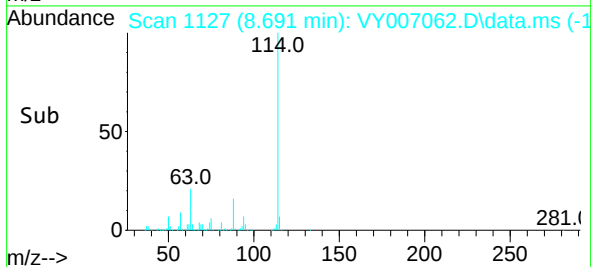
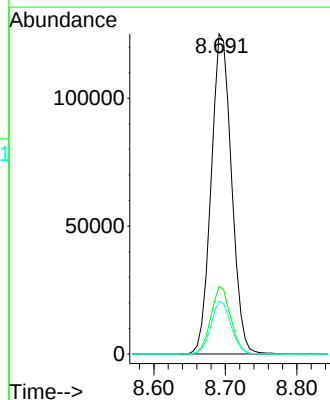
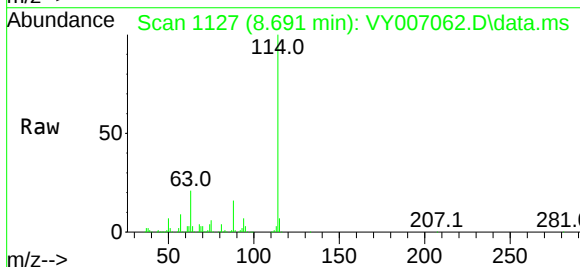
Tgt Ion: 114 Resp: 247850

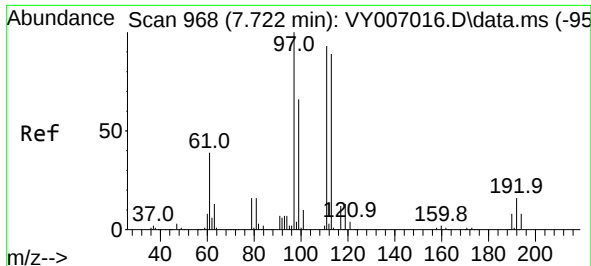
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.6

88 16.5 0.0 31.8

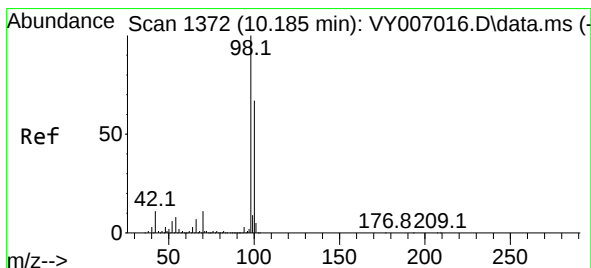
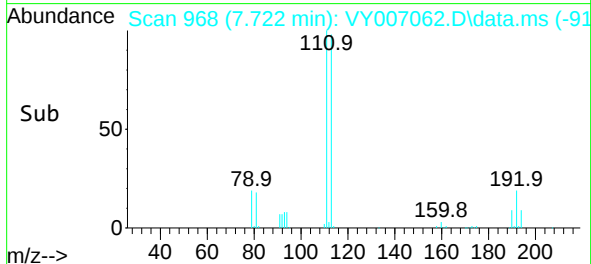
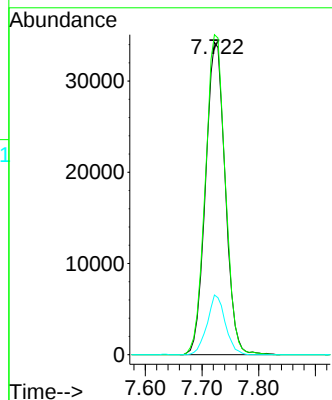
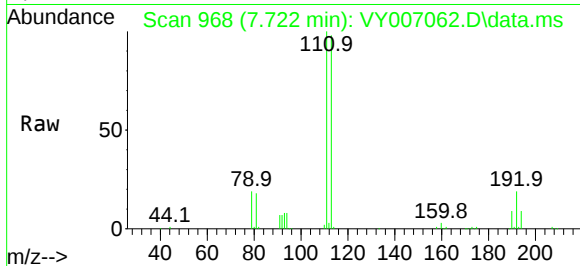




#35
Dibromofluoromethane
Concen: 50.639 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

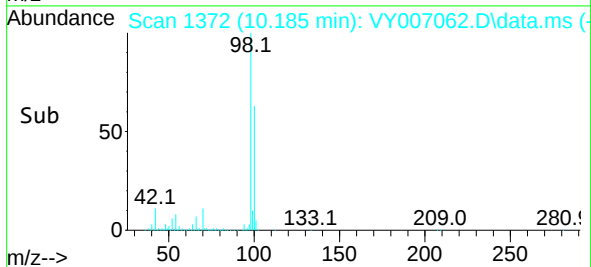
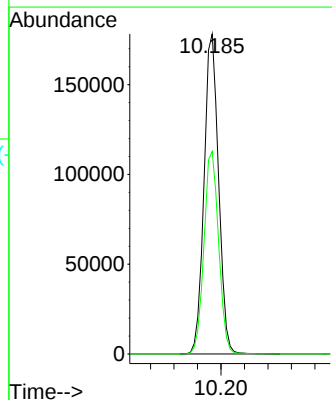
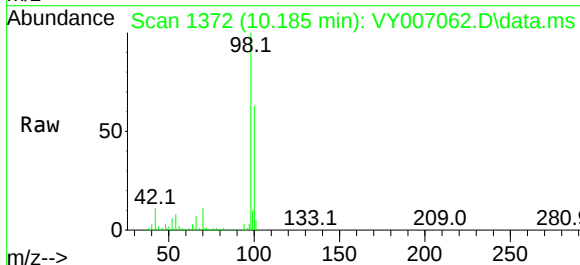
Instrument :
MSVOA_Y
ClientSampleId :
AMI-8

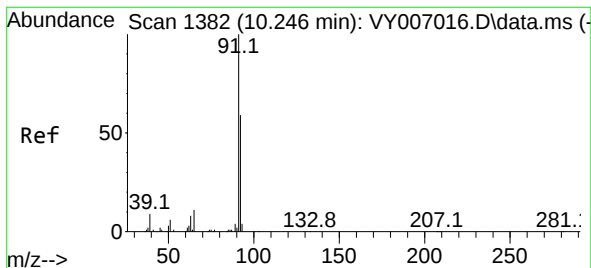
Tgt Ion:113 Resp: 82503
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 17.7 14.6 21.8



#50
Toluene-d8
Concen: 50.571 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

Tgt Ion: 98 Resp: 306124
Ion Ratio Lower Upper
98 100
100 64.0 52.8 79.2





#52

Toluene

Concen: 31.738 ug/l

RT: 10.246 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007062.D

Acq: 07 Jan 2022 18:50

Instrument :

MSVOA_Y

ClientSampleId :

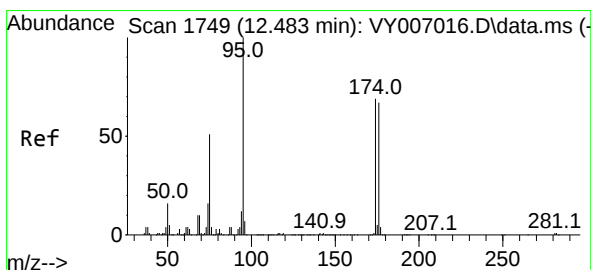
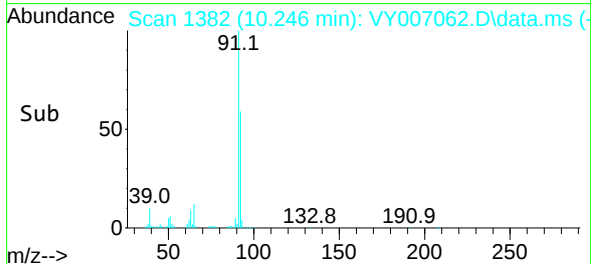
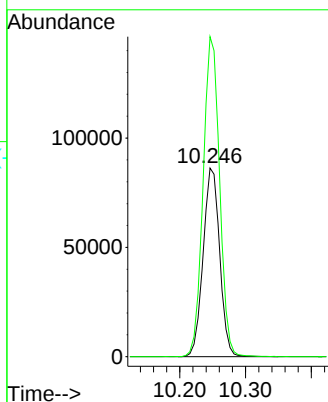
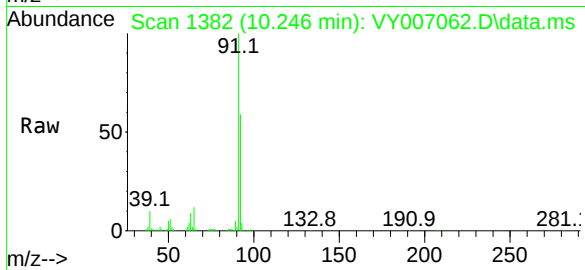
AMI-8

Tgt Ion: 92 Resp: 150912

Ion Ratio Lower Upper

92 100

91 169.0 136.1 204.1



#62

4-Bromofluorobenzene

Concen: 50.835 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY007062.D

Acq: 07 Jan 2022 18:50

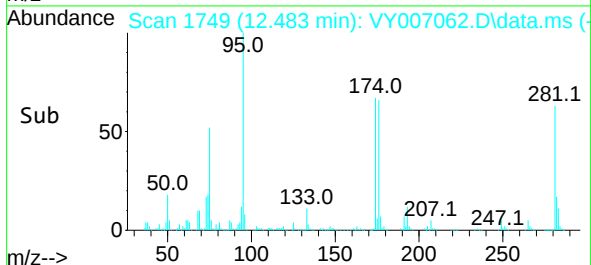
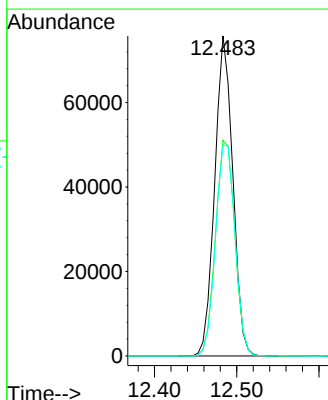
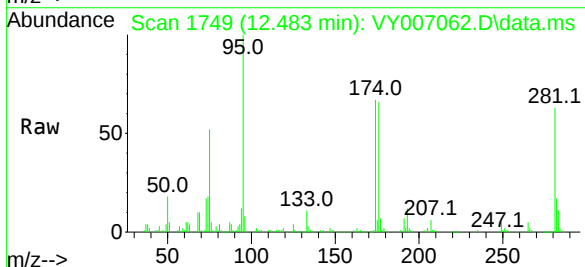
Tgt Ion: 95 Resp: 115889

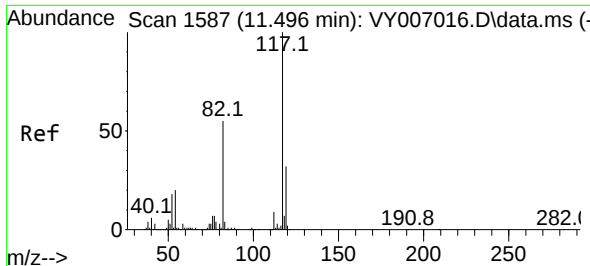
Ion Ratio Lower Upper

95 100

174 72.0 0.0 144.6

176 71.4 0.0 141.0

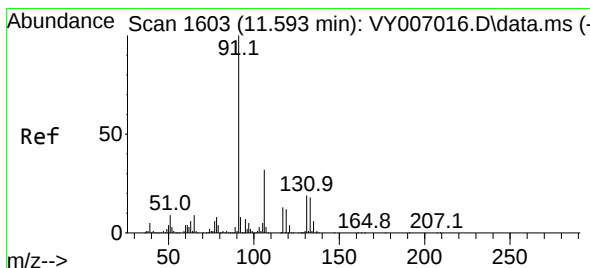
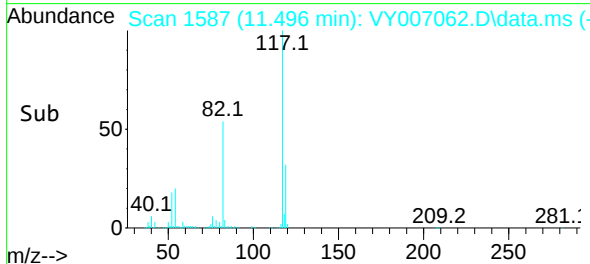
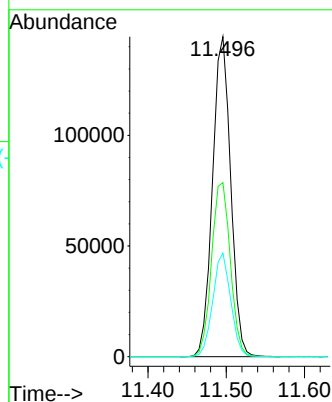
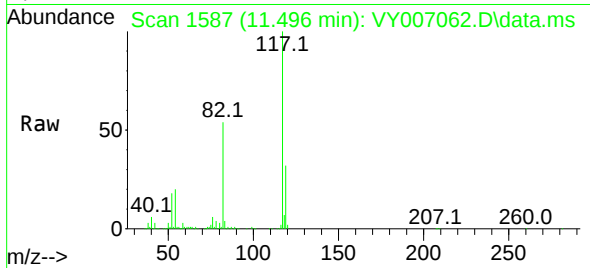




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

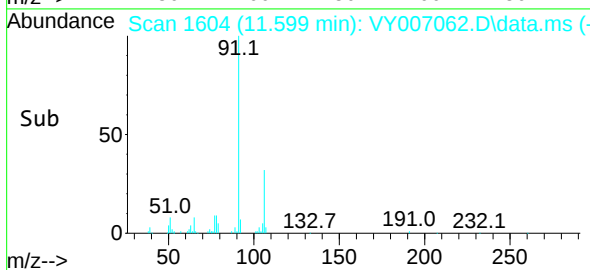
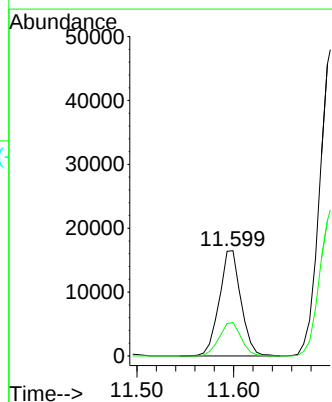
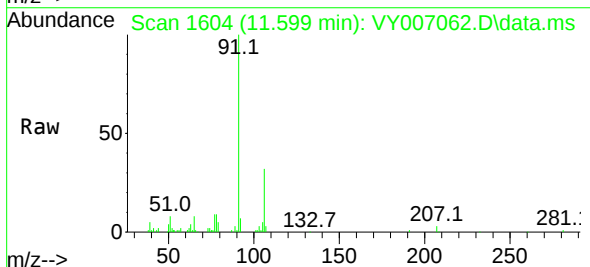
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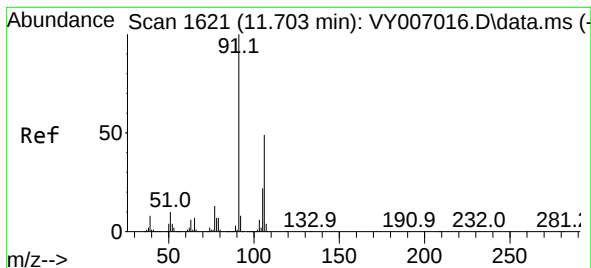
Tgt Ion:117 Resp: 232967
Ion Ratio Lower Upper
117 100
82 54.4 44.1 66.1
119 32.4 25.3 37.9



#67
Ethyl Benzene
Concen: 2.633 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

Tgt Ion: 91 Resp: 25694
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8

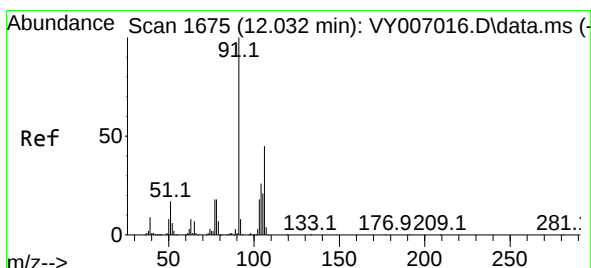
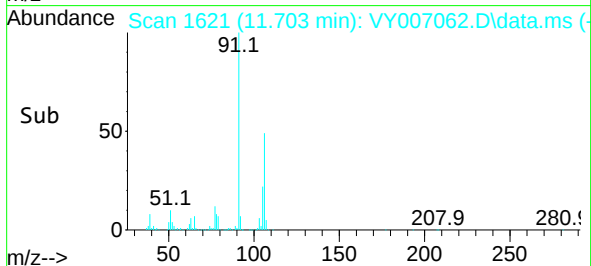
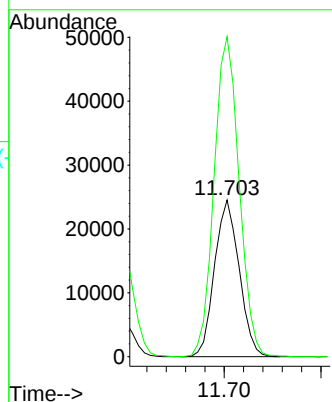
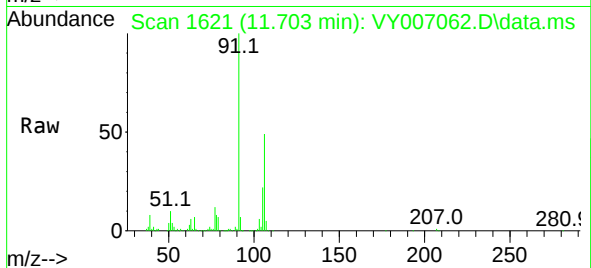




#68
m/p-Xylenes
Concen: 11.659 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

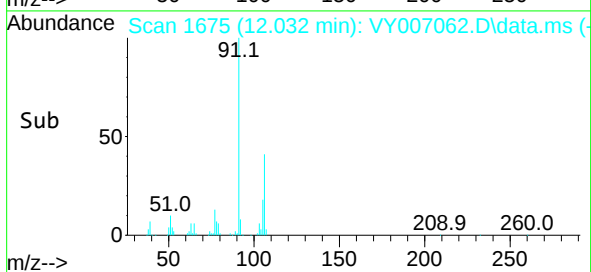
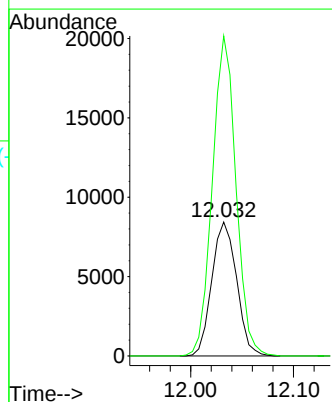
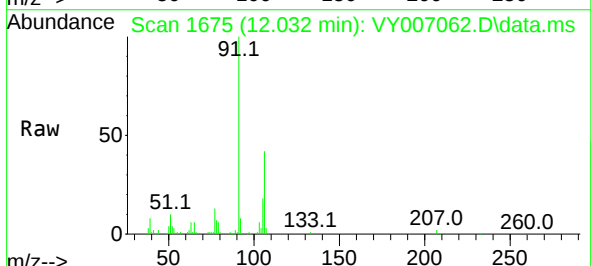
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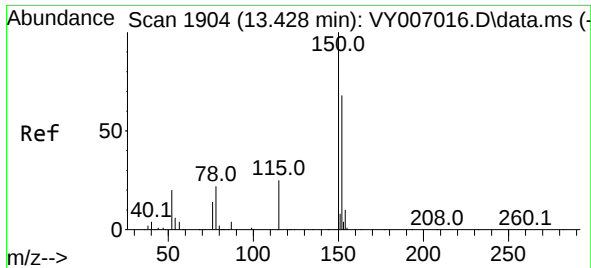
Tgt Ion:106 Resp: 43334
Ion Ratio Lower Upper
106 100
91 207.8 165.3 247.9



#69
o-Xylene
Concen: 4.056 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

Tgt Ion:106 Resp: 14138
Ion Ratio Lower Upper
106 100
91 227.3 108.3 324.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007062.D
 Acq: 07 Jan 2022 18:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-8

Tgt Ion:152 Resp: 106294
 Ion Ratio Lower Upper
 152 100
 115 61.9 31.9 95.5
 150 158.0 0.0 358.0

