

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY008000.D
 Acq On : 22 Mar 2022 15:08
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 23 05:07:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	265591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	482561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	446102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	195285	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	158319	52.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.560%
35) Dibromofluoromethane	7.716	113	151956	44.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.680%
50) Toluene-d8	10.179	98	587280	58.375	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.740%
62) 4-Bromofluorobenzene	12.483	95	207272	42.615	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.220%

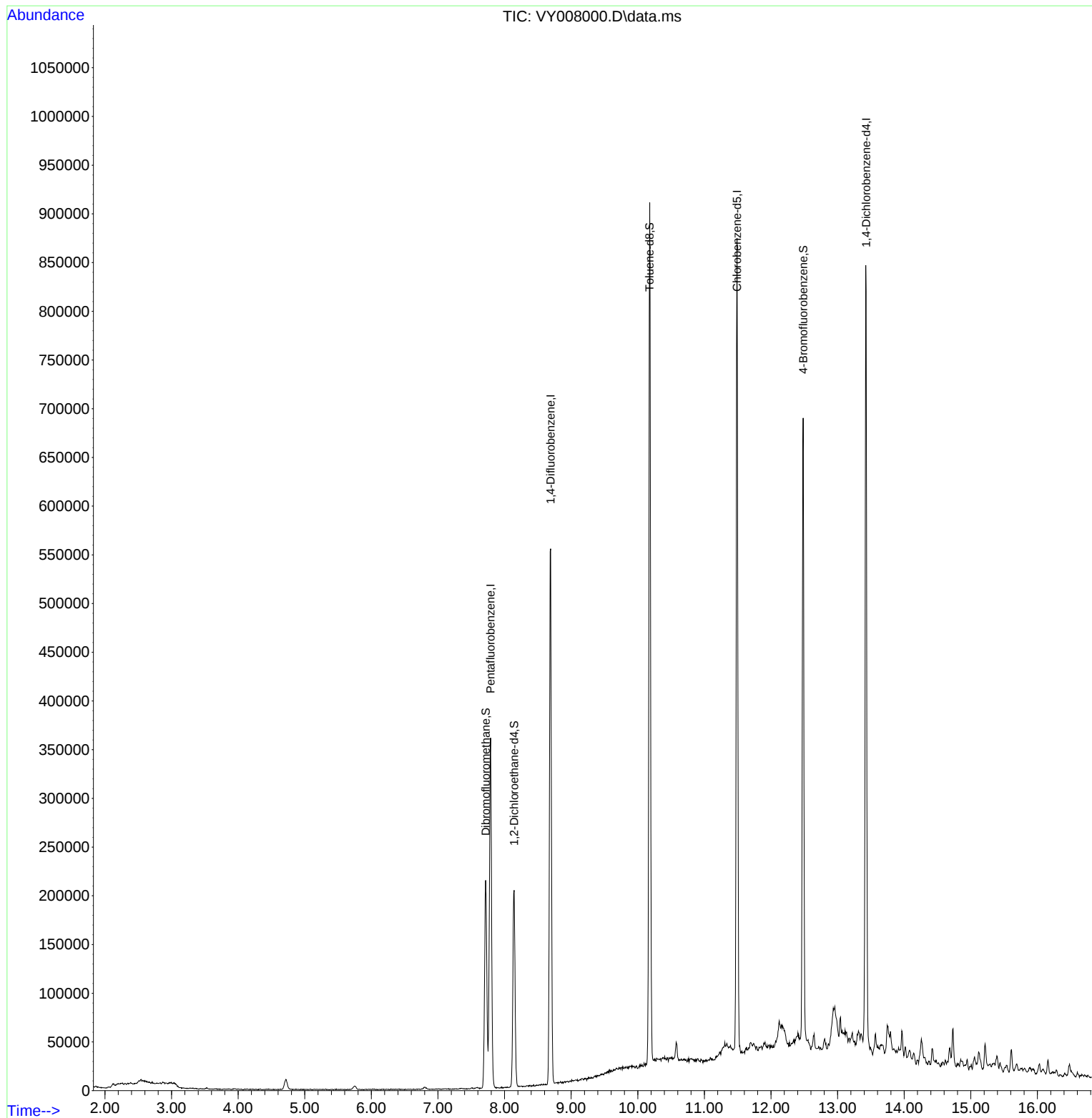
Target Compounds	Qvalue

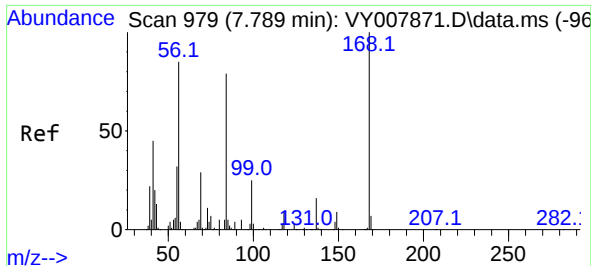
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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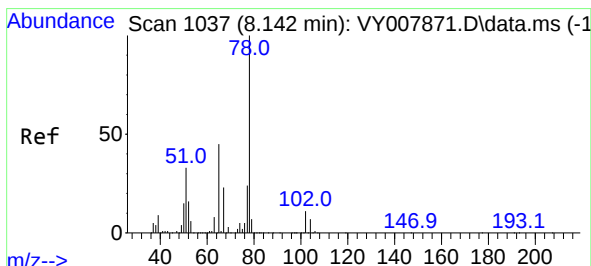
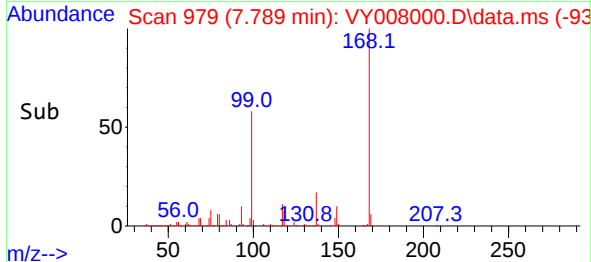
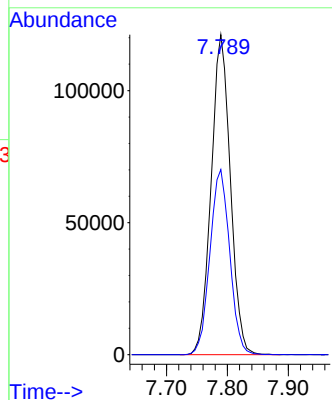
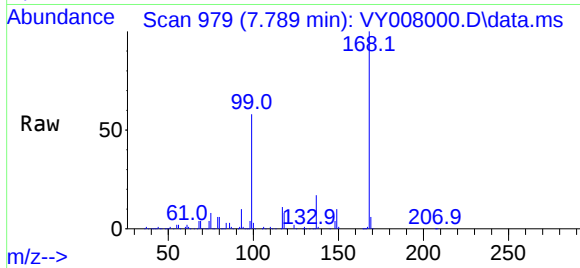




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008000.D
Acq: 22 Mar 2022 15:08

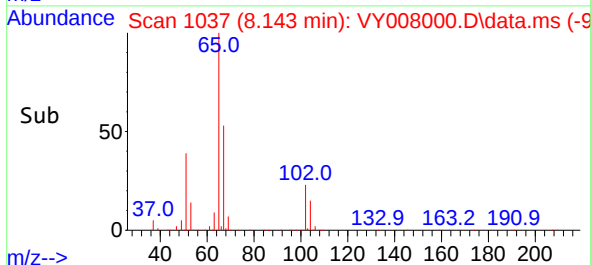
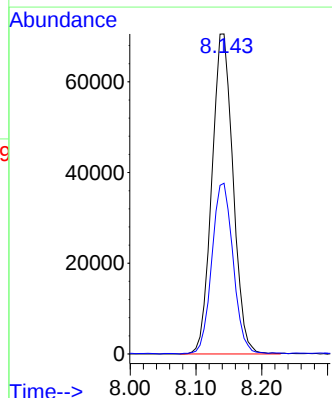
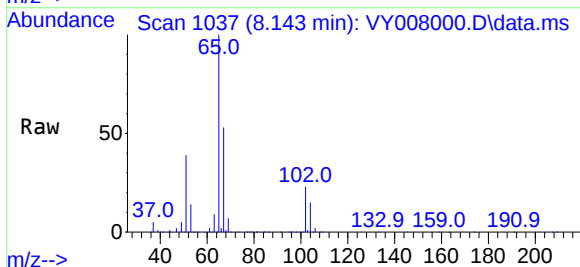
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

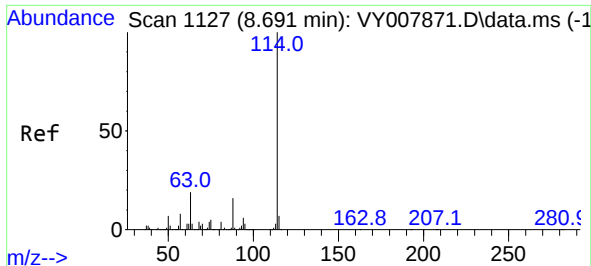
Tgt Ion:168 Resp: 265591
Ion Ratio Lower Upper
168 100
99 57.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.281 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008000.D
Acq: 22 Mar 2022 15:08

Tgt Ion: 65 Resp: 158319
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008000.D

Acq: 22 Mar 2022 15:08

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

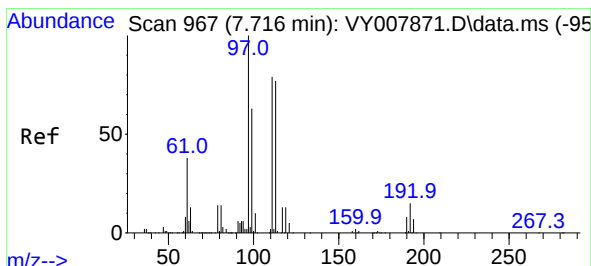
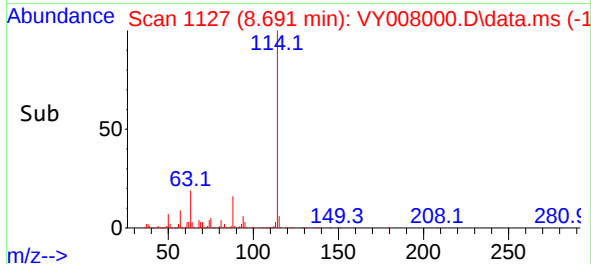
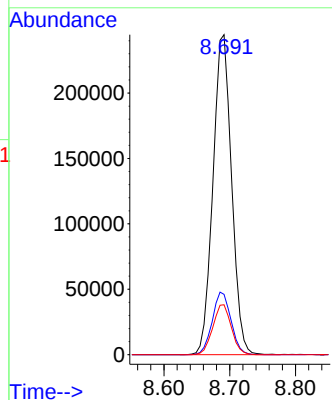
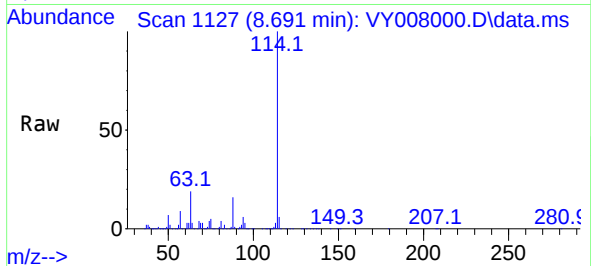
Tgt Ion:114 Resp: 482561

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.838 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008000.D

Acq: 22 Mar 2022 15:08

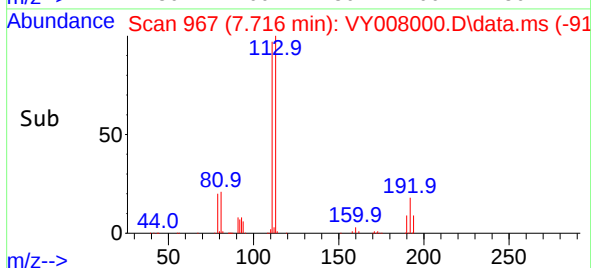
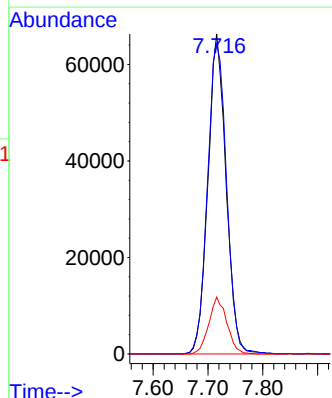
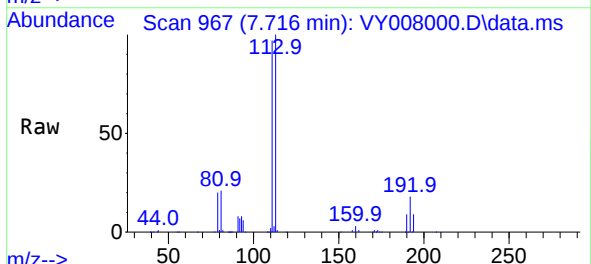
Tgt Ion:113 Resp: 151956

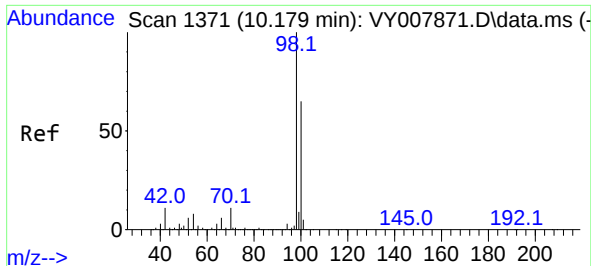
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 17.7 17.6 26.4

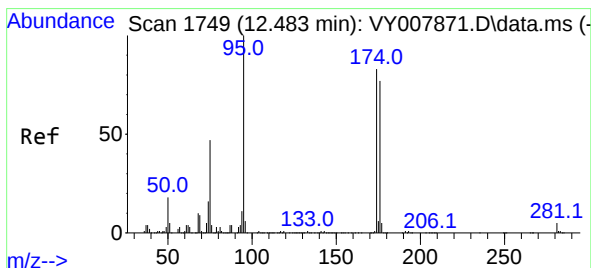
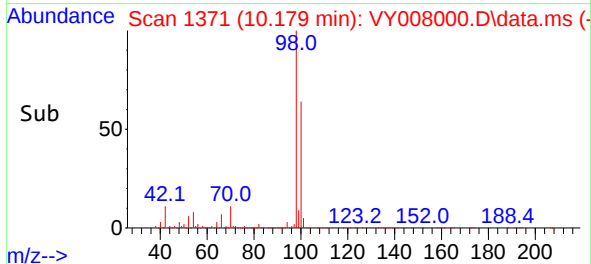
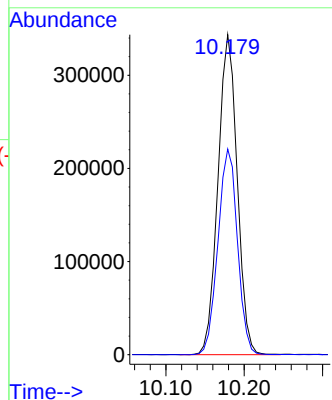
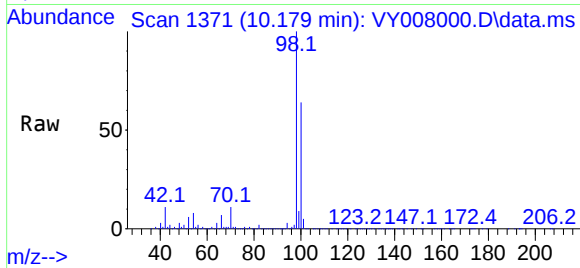




#50
Toluene-d8
Concen: 58.375 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008000.D
Acq: 22 Mar 2022 15:08

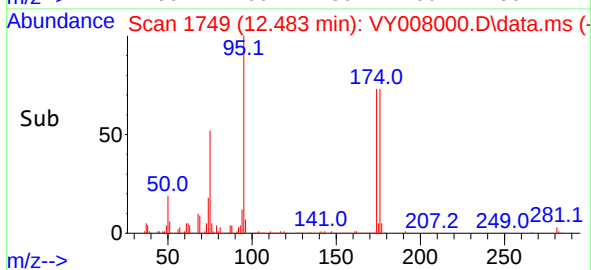
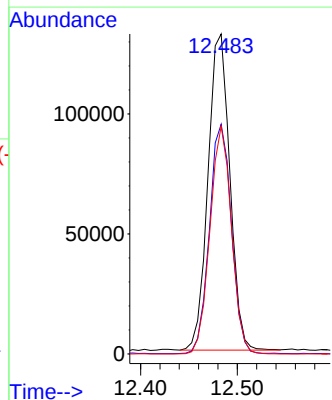
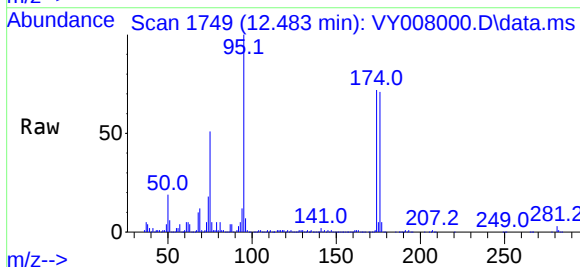
Instrument :
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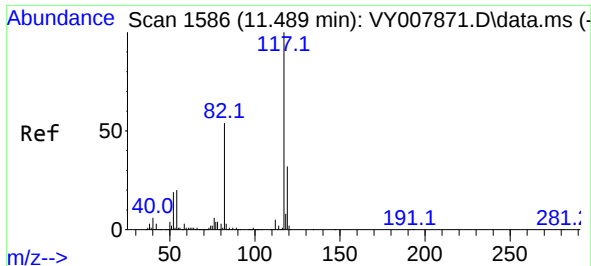
Tgt Ion: 98 Resp: 587280
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.615 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008000.D
Acq: 22 Mar 2022 15:08

Tgt Ion: 95 Resp: 207272
Ion Ratio Lower Upper
95 100
174 73.1 0.0 177.0
176 70.4 0.0 175.8

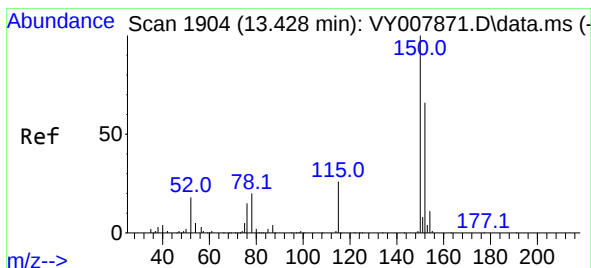
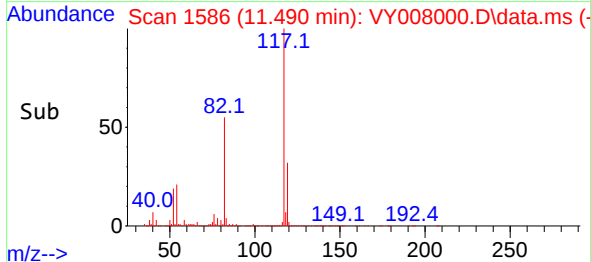
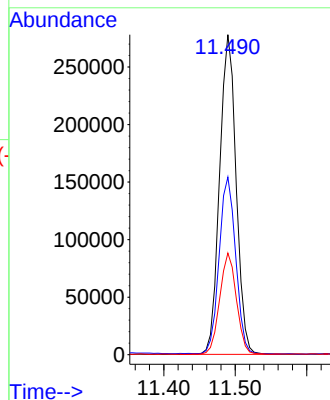
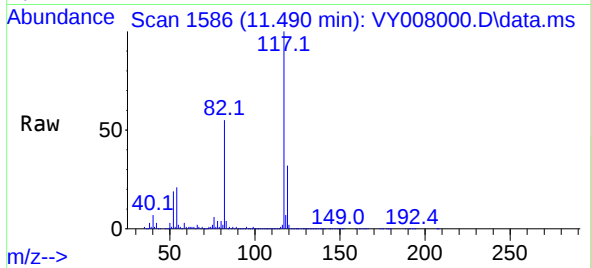




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008000.D
Acq: 22 Mar 2022 15:08

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 446102
Ion Ratio Lower Upper
117 100
82 55.3 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008000.D
Acq: 22 Mar 2022 15:08

Tgt Ion:152 Resp: 195285
Ion Ratio Lower Upper
152 100
115 61.0 28.2 84.7
150 157.6 0.0 347.6

