

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008074.D
 Acq On : 28 Mar 2022 19:01
 Operator : SY/MD
 Sample : N2140-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHC

Quant Time: Mar 29 02:29:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	73466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	127071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54517	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44222	59.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.000%
35) Dibromofluoromethane	7.722	113	42625	50.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.000%
50) Toluene-d8	10.179	98	160725	50.547	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.100%
62) 4-Bromofluorobenzene	12.483	95	55942	49.867	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.740%

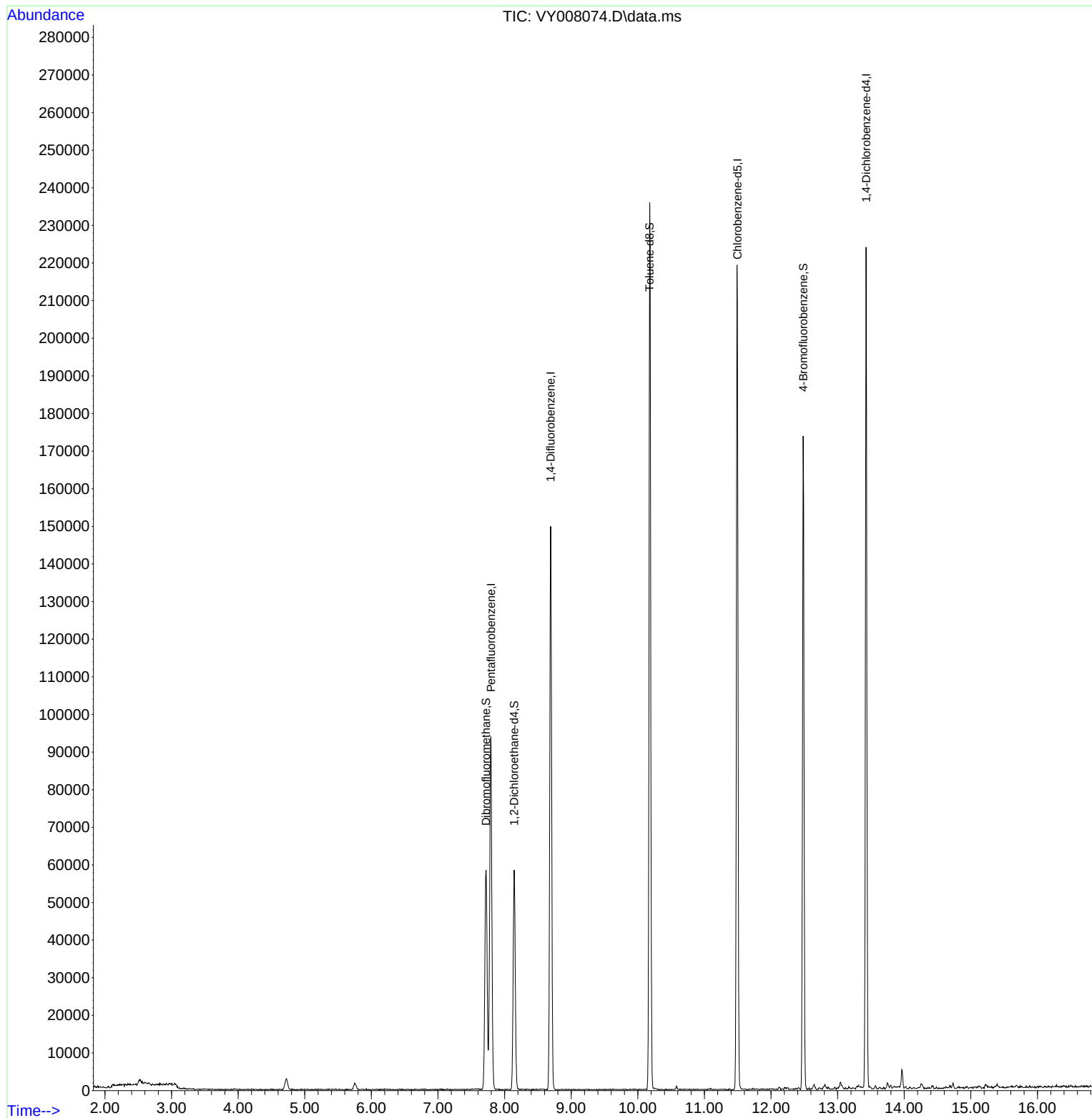
Target Compounds	Qvalue

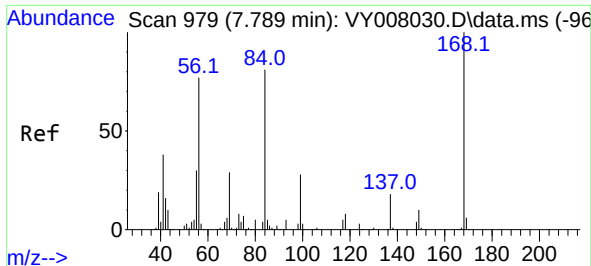
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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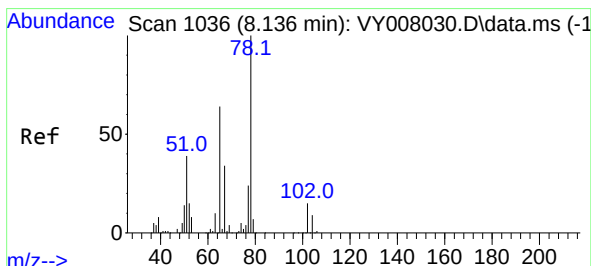
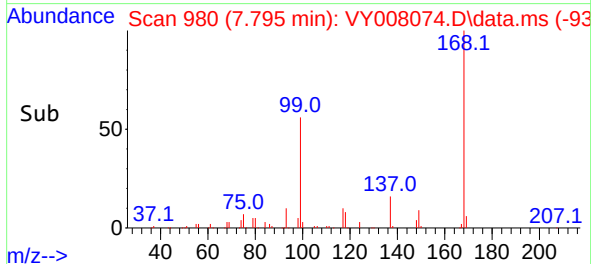
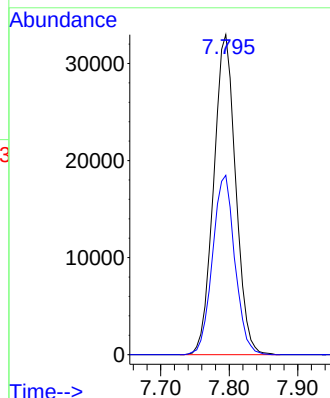
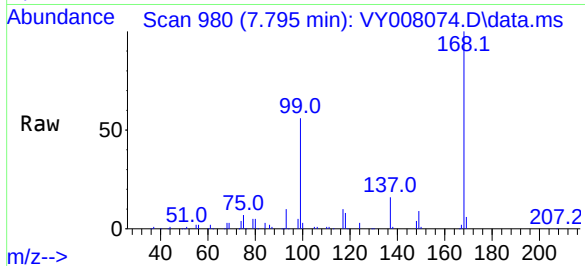




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

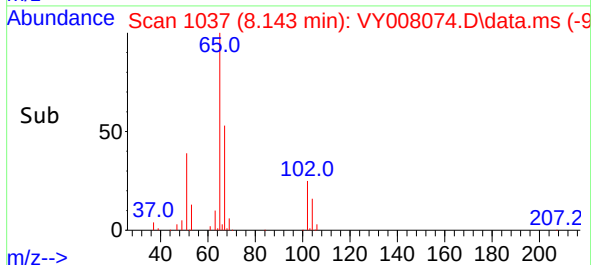
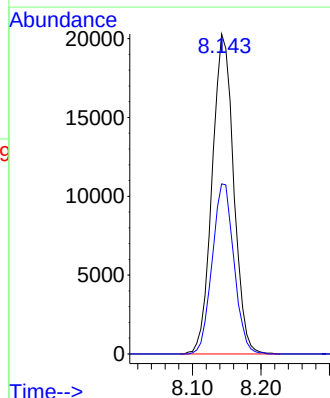
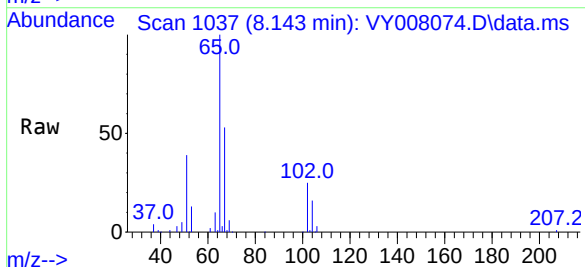
Instrument :
MSVOA_Y
ClientSampleId :
MHC

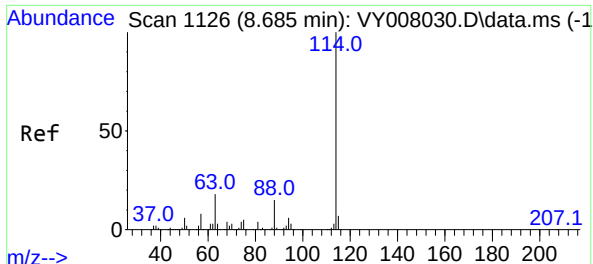
Tgt Ion:168 Resp: 73466
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.996 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

Tgt Ion: 65 Resp: 44222
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008074.D

Acq: 28 Mar 2022 19:01

Instrument :

MSVOA_Y

ClientSampleId :

MHC

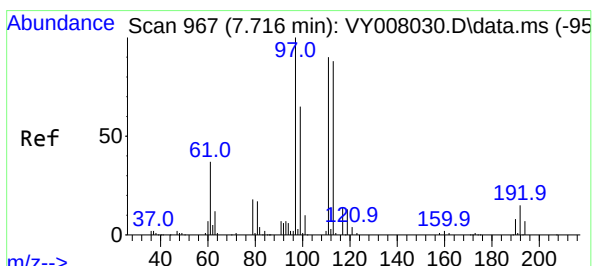
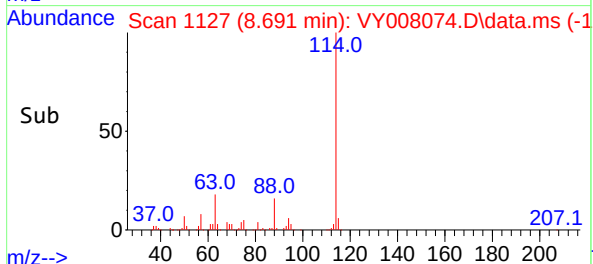
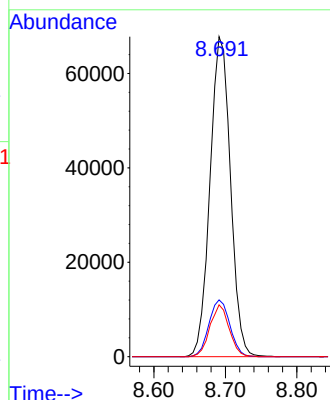
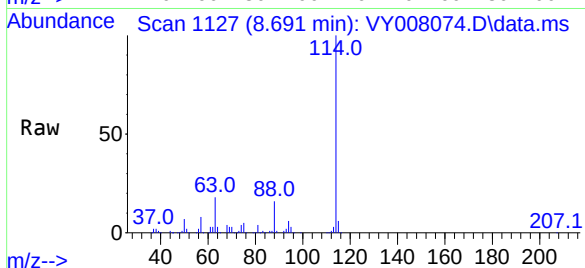
Tgt Ion:114 Resp: 134613

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.504 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008074.D

Acq: 28 Mar 2022 19:01

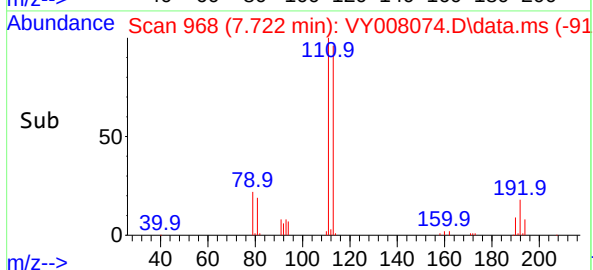
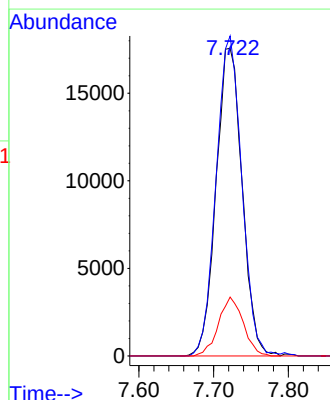
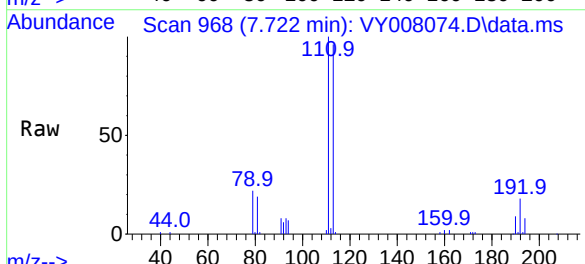
Tgt Ion:113 Resp: 42625

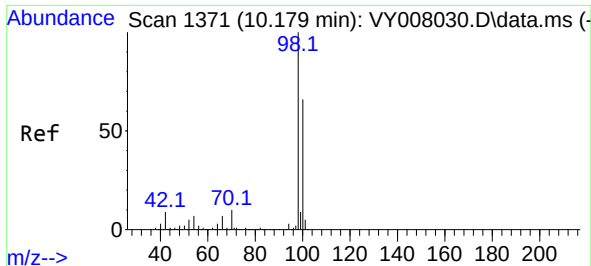
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 18.2 17.6 26.4

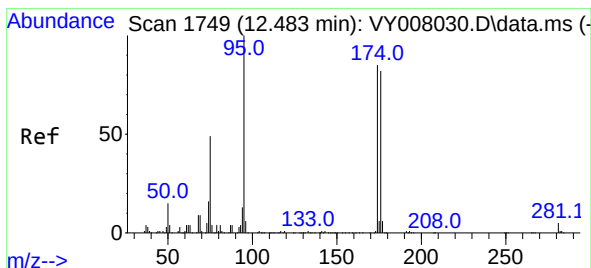
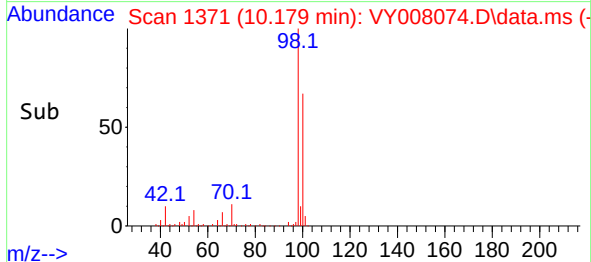
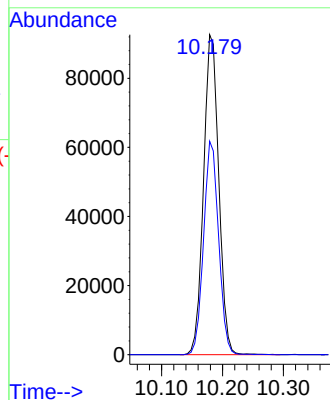
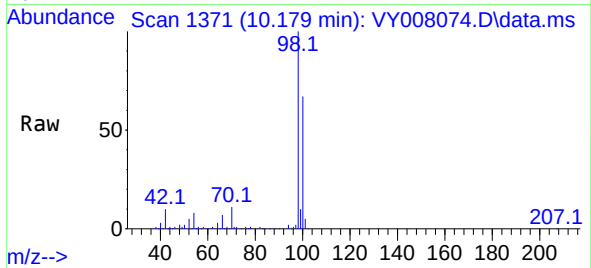




#50
Toluene-d8
Concen: 50.547 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

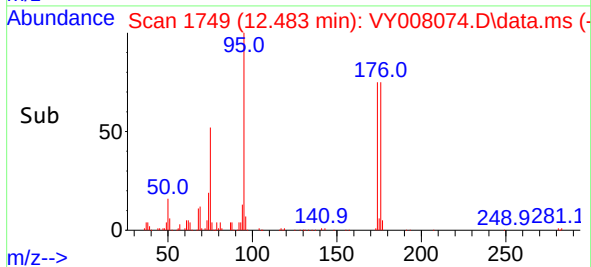
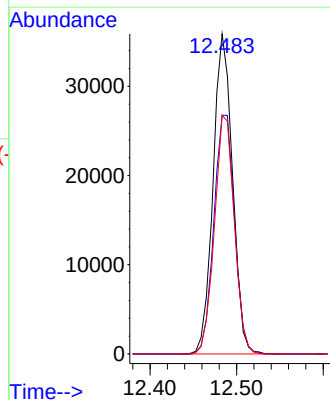
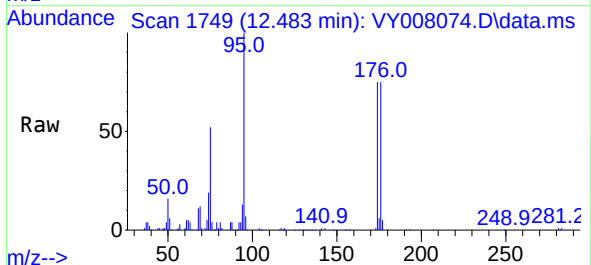
Instrument :
MSVOA_Y
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MHC

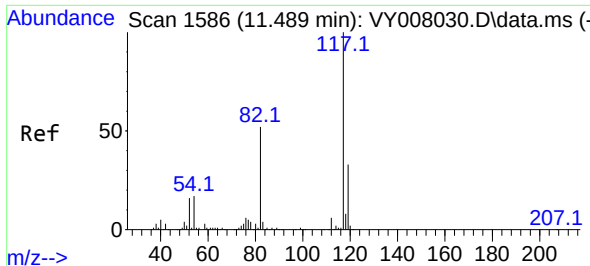
Tgt Ion: 98 Resp: 160725
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.867 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

Tgt Ion: 95 Resp: 55942
Ion Ratio Lower Upper
95 100
174 79.3 0.0 177.0
176 75.9 0.0 175.8

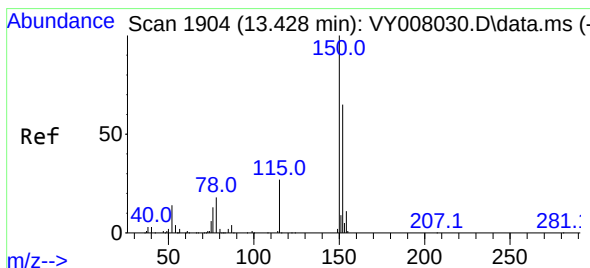
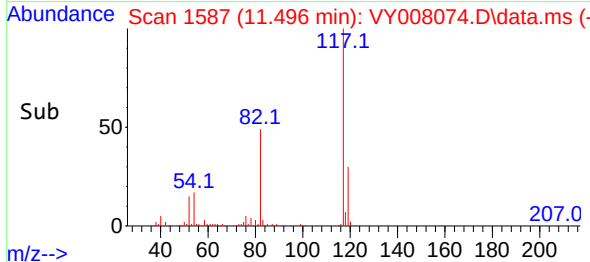
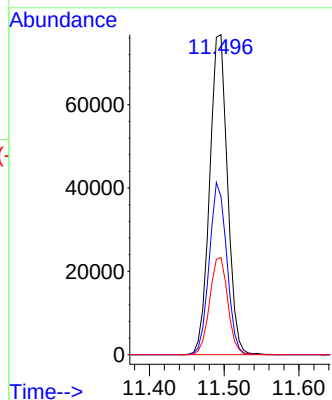
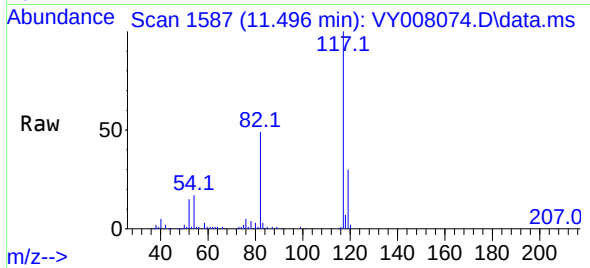




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY008074.D
Acq: 28 Mar 2022 19:01

Instrument :
MSVOA_Y
ClientSampleId :
MHC

Tgt Ion:117 Resp: 127071
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 30.4 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: VY008074.D
Acq: 28 Mar 2022 19:01

Tgt Ion:152 Resp: 54517
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 159.4 0.0 347.6

