

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY007997.D
 Acq On : 22 Mar 2022 13:58
 Operator : SY/MD
 Sample : N2021-03
 Misc : 5.01g/5.1mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MHQ-SP

Quant Time: Mar 23 05:06:50 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	219674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	424205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	391942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	163823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	145541	58.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.220%
35) Dibromofluoromethane	7.716	113	133387	44.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.540%
50) Toluene-d8	10.179	98	523597	59.296	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	118.600%
62) 4-Bromofluorobenzene	12.483	95	179246	41.922	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.840%

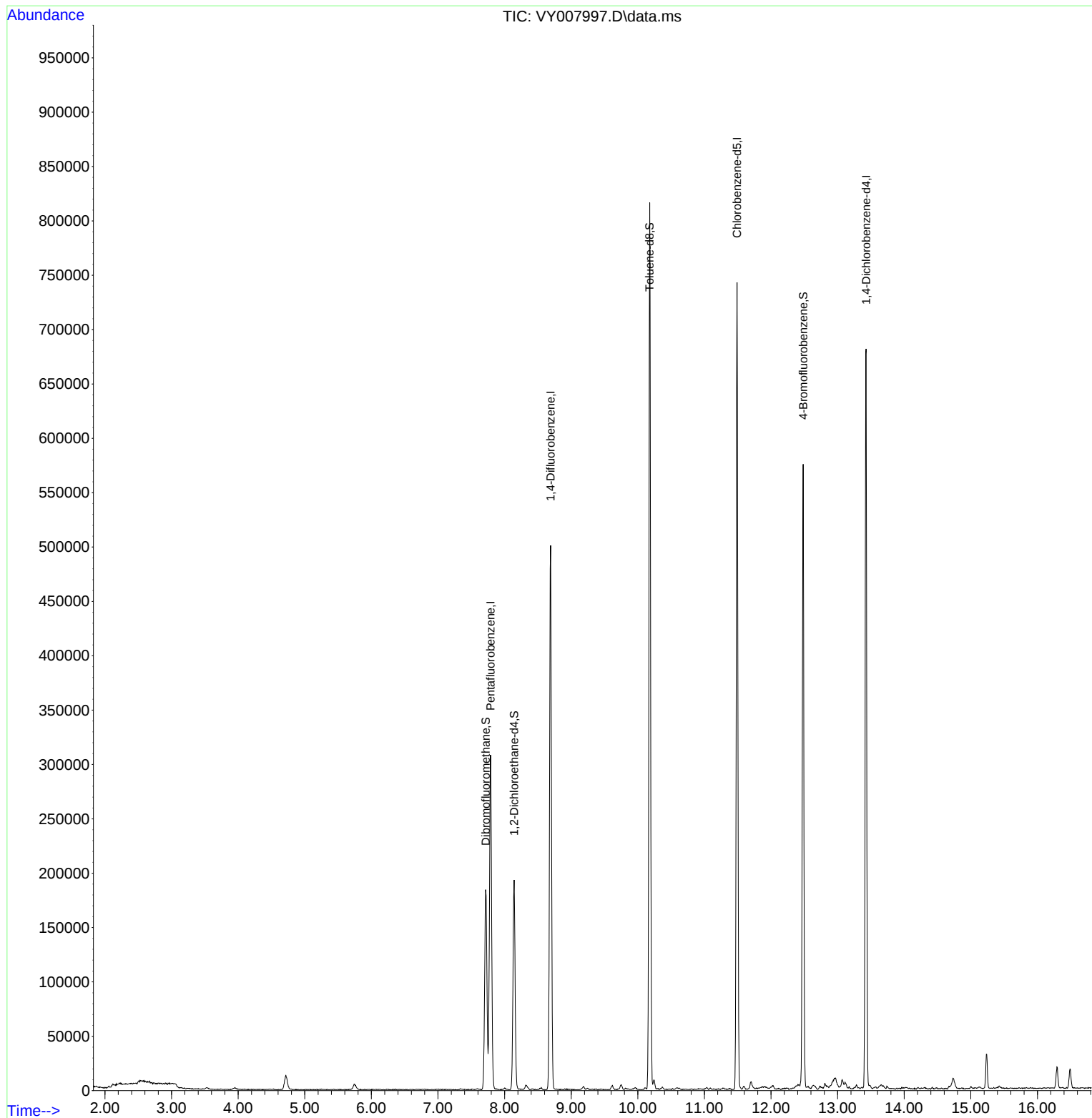
Target Compounds	Qvalue

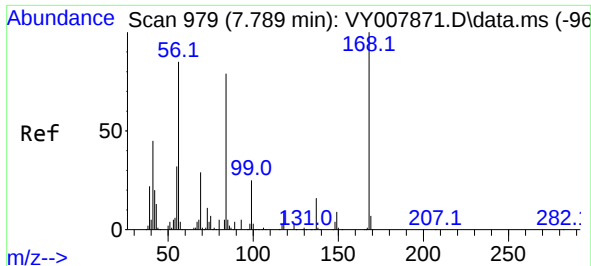
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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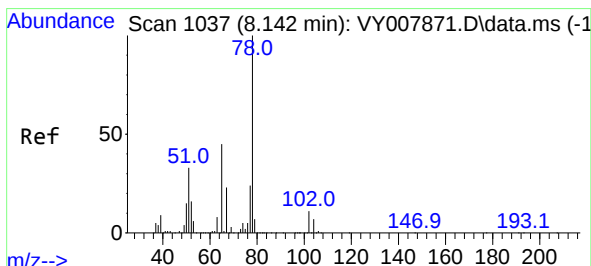
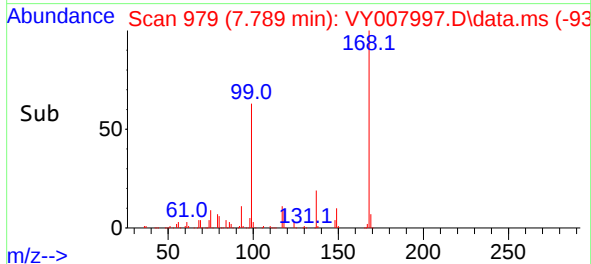
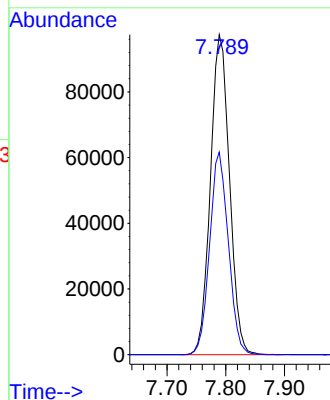
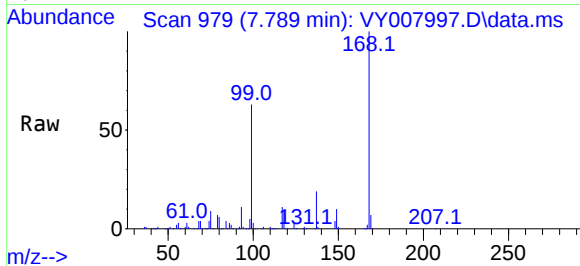




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007997.D
Acq: 22 Mar 2022 13:58

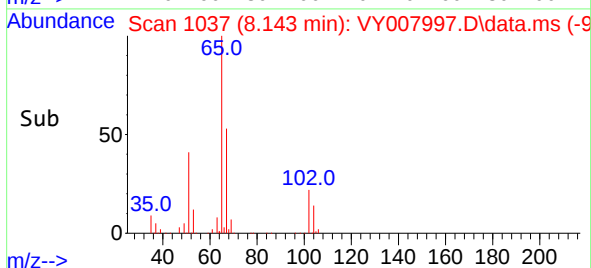
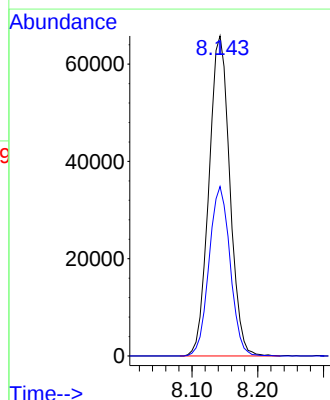
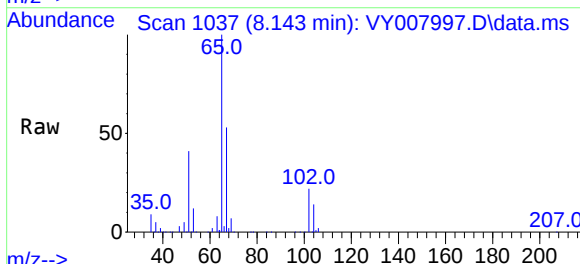
Instrument :
MSVOA_Y
ClientSampleId :
MHQ-SP

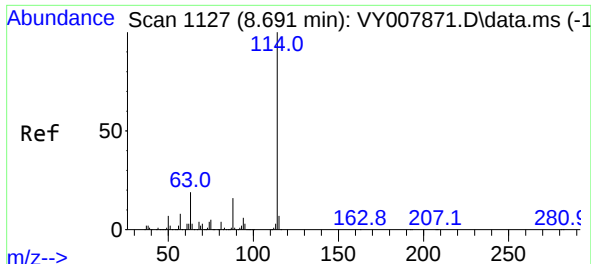
Tgt Ion:168 Resp: 219674
Ion Ratio Lower Upper
168 100
99 63.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.107 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007997.D
Acq: 22 Mar 2022 13:58

Tgt Ion: 65 Resp: 145541
Ion Ratio Lower Upper
65 100
67 53.4 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: VY007997.D

Acq: 22 Mar 2022 13:58

Instrument :

MSVOA_Y

ClientSampleId :

MHQ-SP

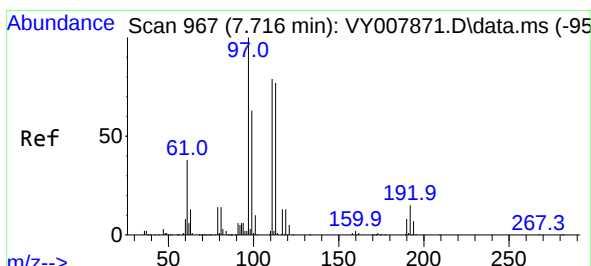
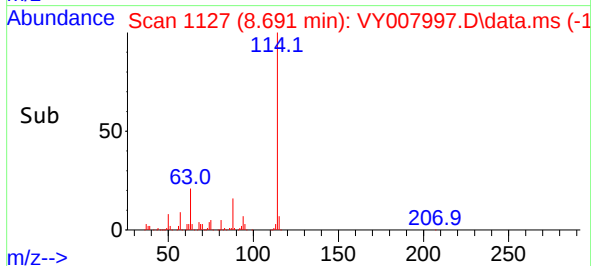
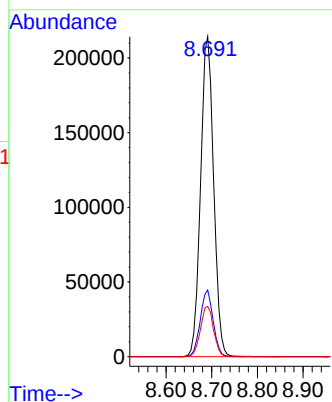
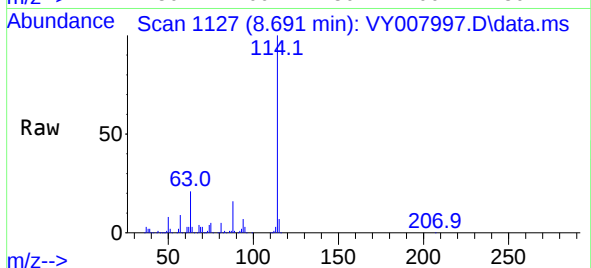
Tgt Ion:114 Resp: 424205

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.773 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007997.D

Acq: 22 Mar 2022 13:58

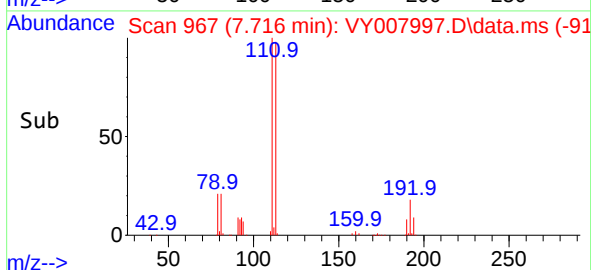
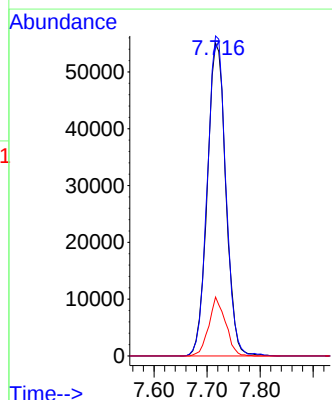
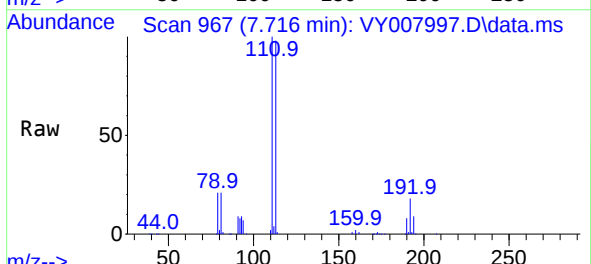
Tgt Ion:113 Resp: 133387

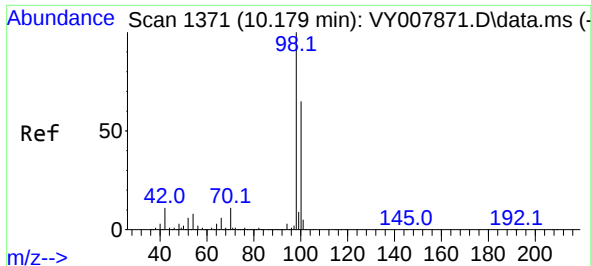
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 17.1 17.6 26.4#

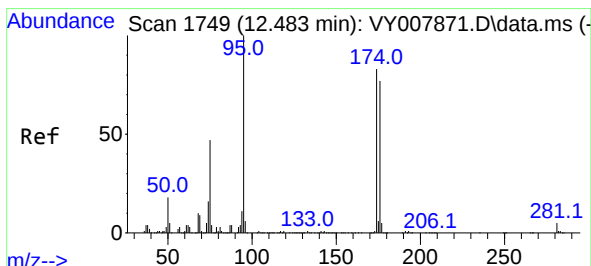
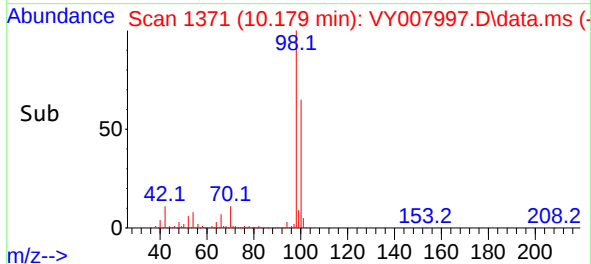
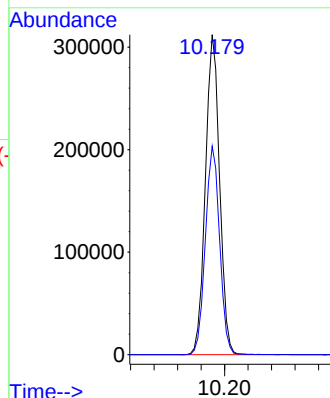
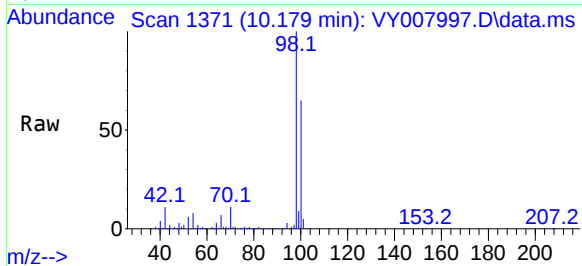




#50
Toluene-d8
Concen: 59.296 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007997.D
Acq: 22 Mar 2022 13:58

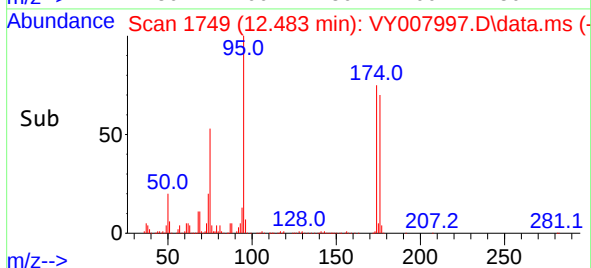
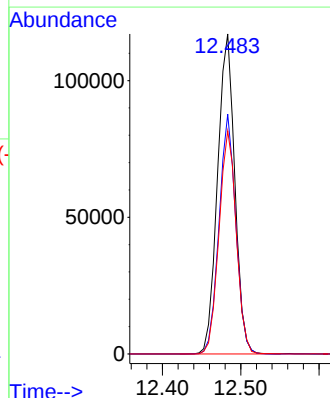
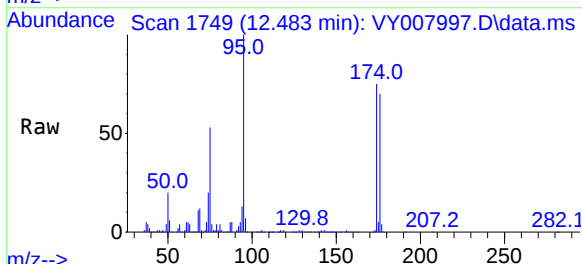
Instrument :
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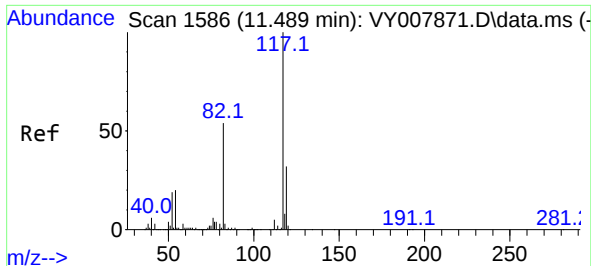
Tgt Ion: 98 Resp: 523597
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.922 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007997.D
Acq: 22 Mar 2022 13:58

Tgt Ion: 95 Resp: 179246
Ion Ratio Lower Upper
95 100
174 72.8 0.0 177.0
176 69.6 0.0 175.8

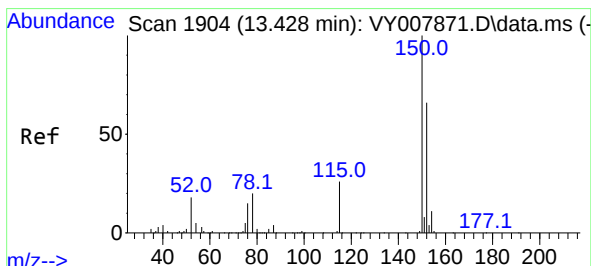
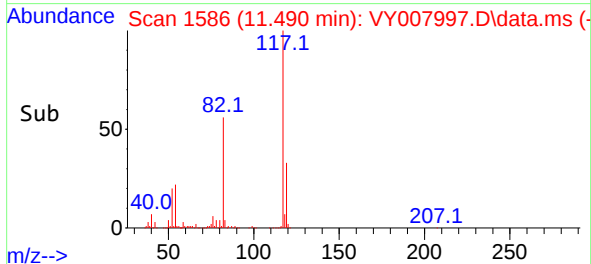
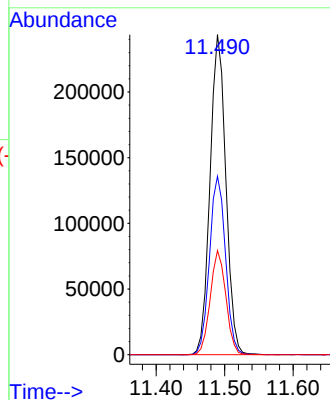
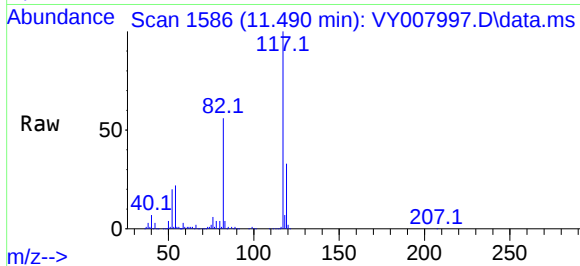




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007997.D
Acq: 22 Mar 2022 13:58

Instrument :
MSVOA_Y
ClientSampleId :
MHQ-SP

Tgt Ion:	117	Resp:	391942
Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.0	64.4
119	32.6	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: VY007997.D
Acq: 22 Mar 2022 13:58

Tgt Ion:	152	Resp:	163823
Ion	Ratio	Lower	Upper
152	100		
115	61.9	28.2	84.7
150	158.4	0.0	347.6

