

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120922\
 Data File : VY011756.D
 Acq On : 09 Dec 2022 20:24
 Operator : KP/MD
 Sample : N5999-01
 Misc : 3.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-20

Quant Time: Dec 10 03:57:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 03:30:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	208728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	379323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	372412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169255	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128846	94.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	189.500%#
35) Dibromofluoromethane	7.716	113	120664	73.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	146.840%
50) Toluene-d8	10.179	98	460119	88.366	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	176.740%#
62) 4-Bromofluorobenzene	12.483	95	154312	72.194	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	144.380%#

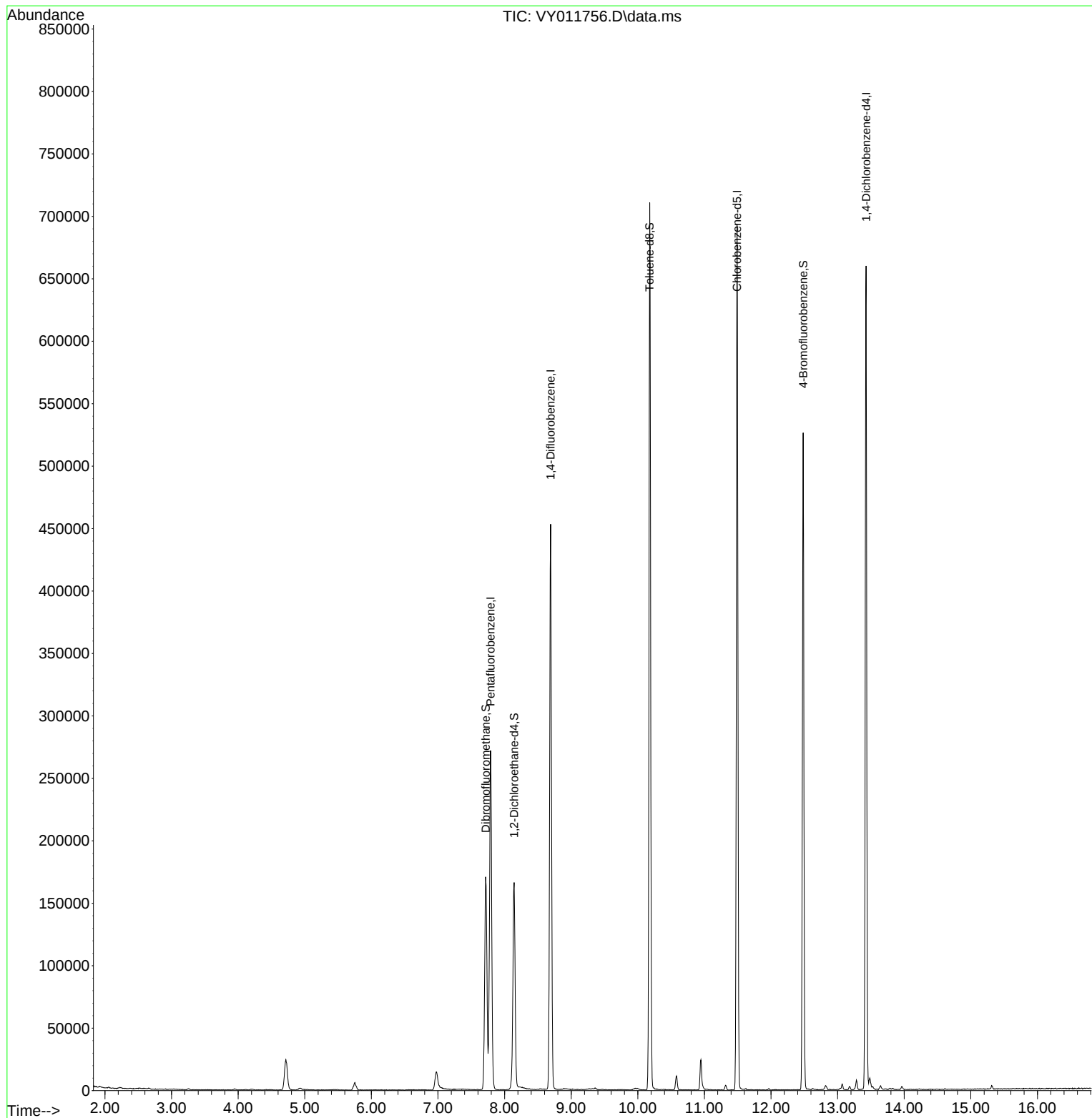
Target Compounds	Qvalue

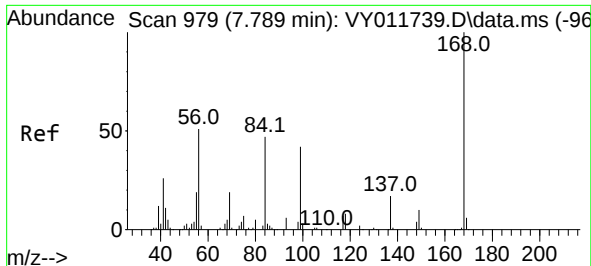
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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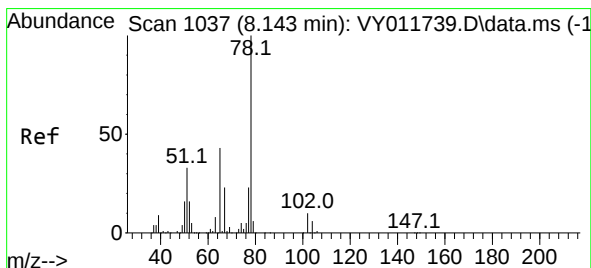
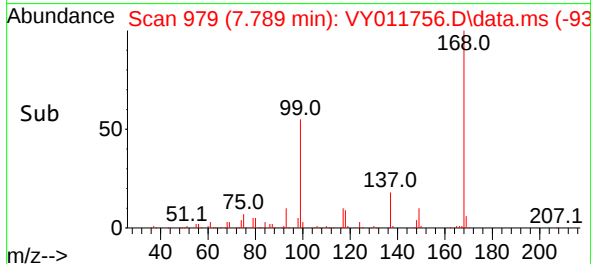
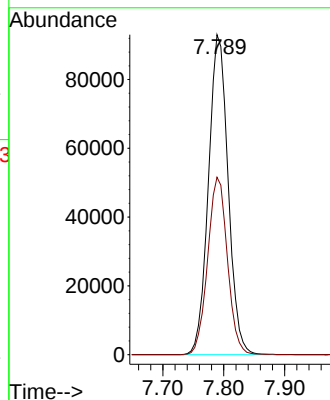
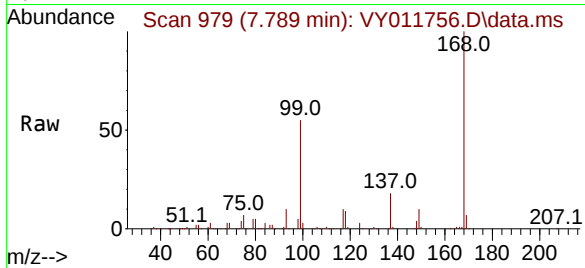




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011756.D
Acq: 09 Dec 2022 20:24

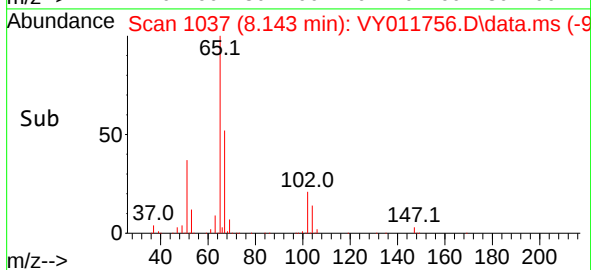
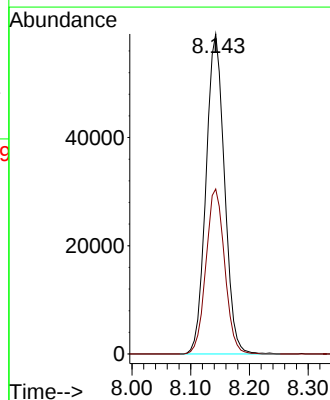
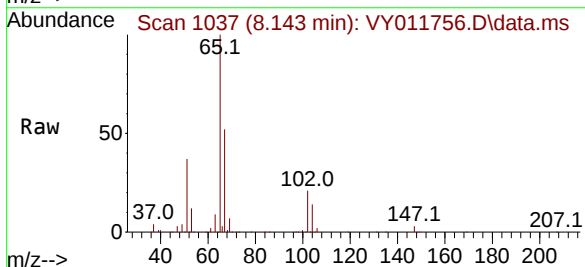
Instrument :
MSVOA_Y
ClientSampleId :
MH-20

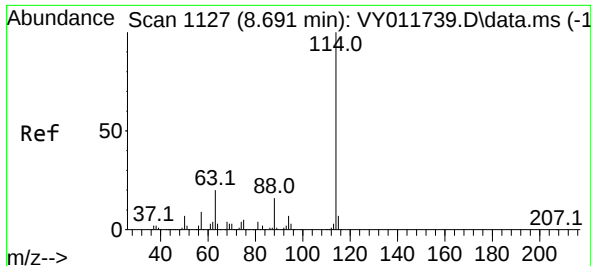
Tgt Ion:168 Resp: 208728
Ion Ratio Lower Upper
168 100
99 55.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 94.751 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011756.D
Acq: 09 Dec 2022 20:24

Tgt Ion: 65 Resp: 128846
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011756.D

Acq: 09 Dec 2022 20:24

Instrument :

MSVOA_Y

ClientSampleId :

MH-20

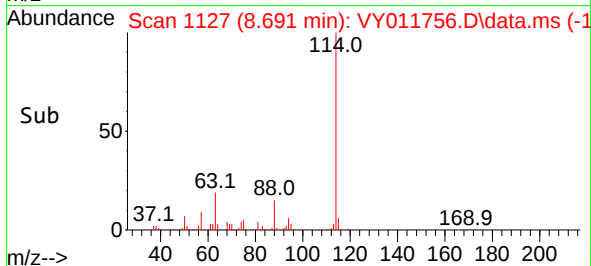
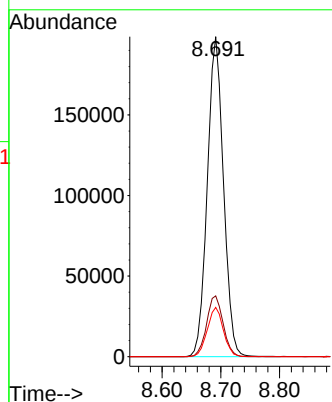
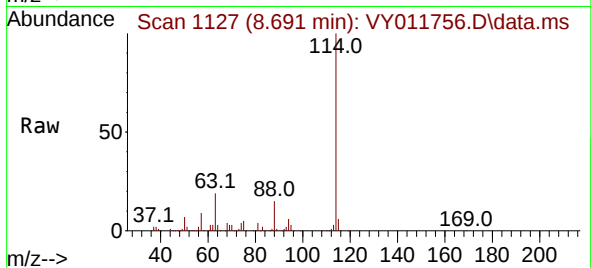
Tgt Ion:114 Resp: 379323

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 73.419 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011756.D

Acq: 09 Dec 2022 20:24

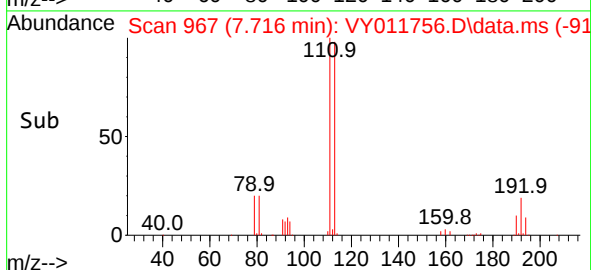
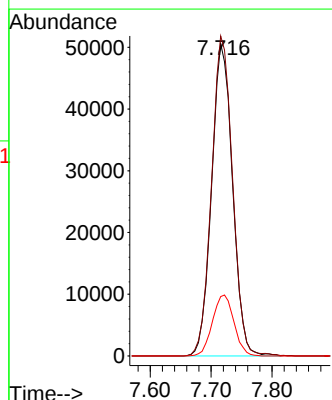
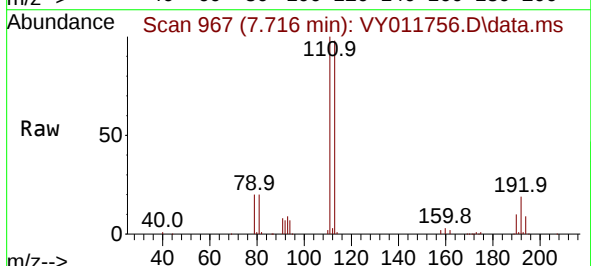
Tgt Ion:113 Resp: 120664

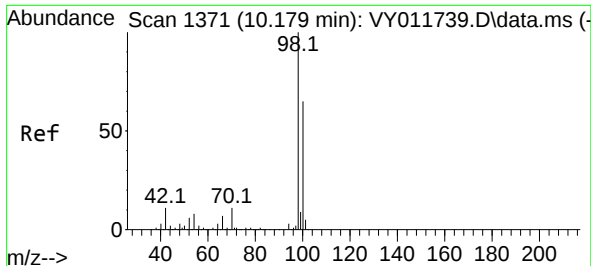
Ion Ratio Lower Upper

113 100

111 102.8 83.0 124.4

192 20.0 16.0 24.0

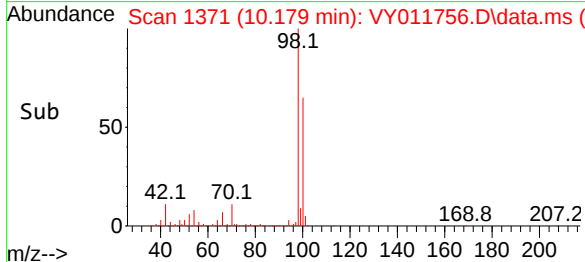
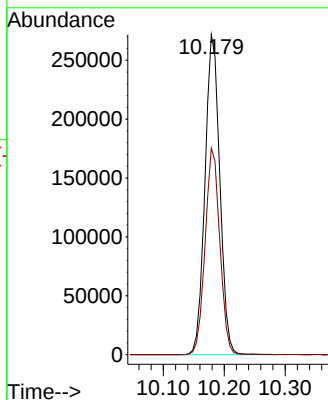
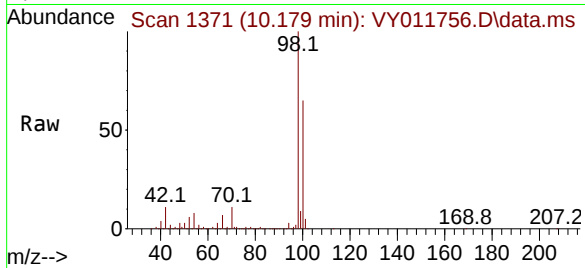




#50
Toluene-d8
Concen: 88.366 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011756.D
Acq: 09 Dec 2022 20:24

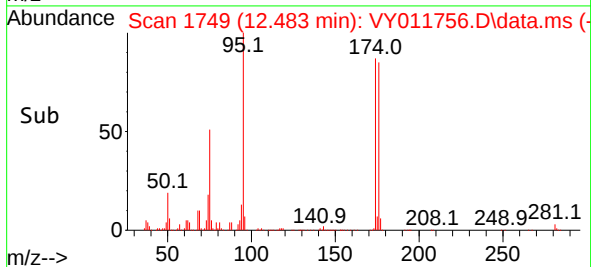
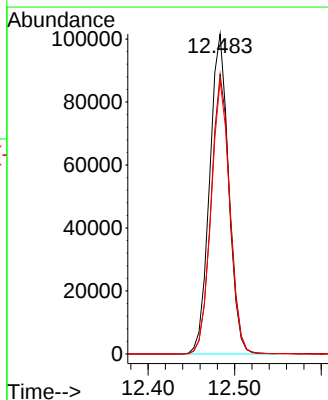
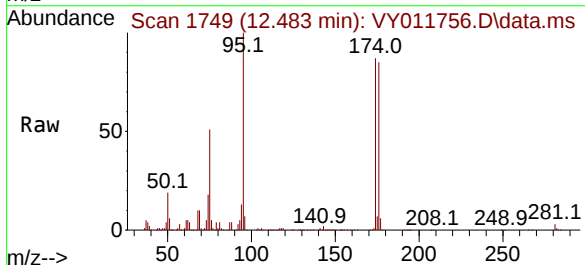
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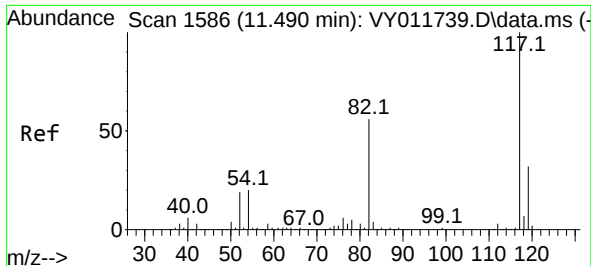
Tgt Ion: 98 Resp: 460119
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 72.194 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011756.D
Acq: 09 Dec 2022 20:24

Tgt Ion: 95 Resp: 154312
Ion Ratio Lower Upper
95 100
174 87.0 0.0 172.0
176 84.2 0.0 167.6

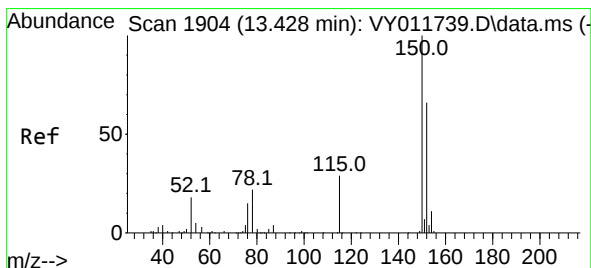
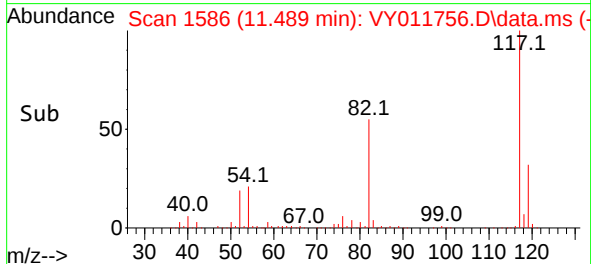
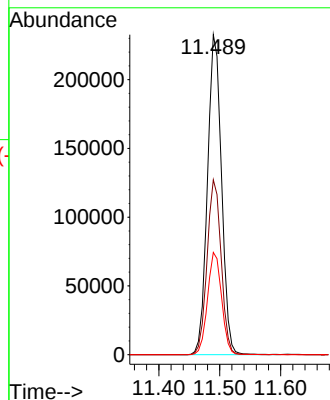
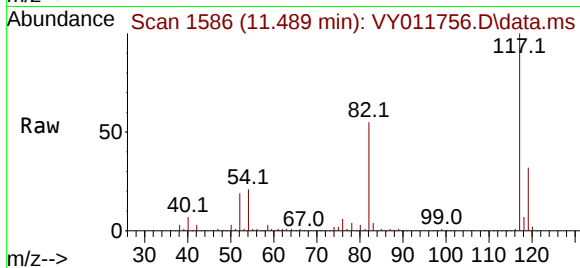




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011756.D
Acq: 09 Dec 2022 20:24

Instrument :
MSVOA_Y
ClientSampleId :
MH-20

Tgt Ion:117 Resp: 372412
Ion Ratio Lower Upper
117 100
82 54.7 44.8 67.2
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011756.D
Acq: 09 Dec 2022 20:24

Tgt Ion:152 Resp: 169255
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.3
150 157.8 0.0 342.6

