

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010793.D
 Acq On : 04 Oct 2022 14:25
 Operator : KP/MD
 Sample : N4948-01
 Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-6

Quant Time: Oct 05 07:29:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	243926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	409015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	354805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	155571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	99633	40.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.600%
35) Dibromofluoromethane	7.716	113	98528	36.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.580%
50) Toluene-d8	10.179	98	312047	33.607	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	67.220%
62) 4-Bromofluorobenzene	12.483	95	112891	29.620	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.240%

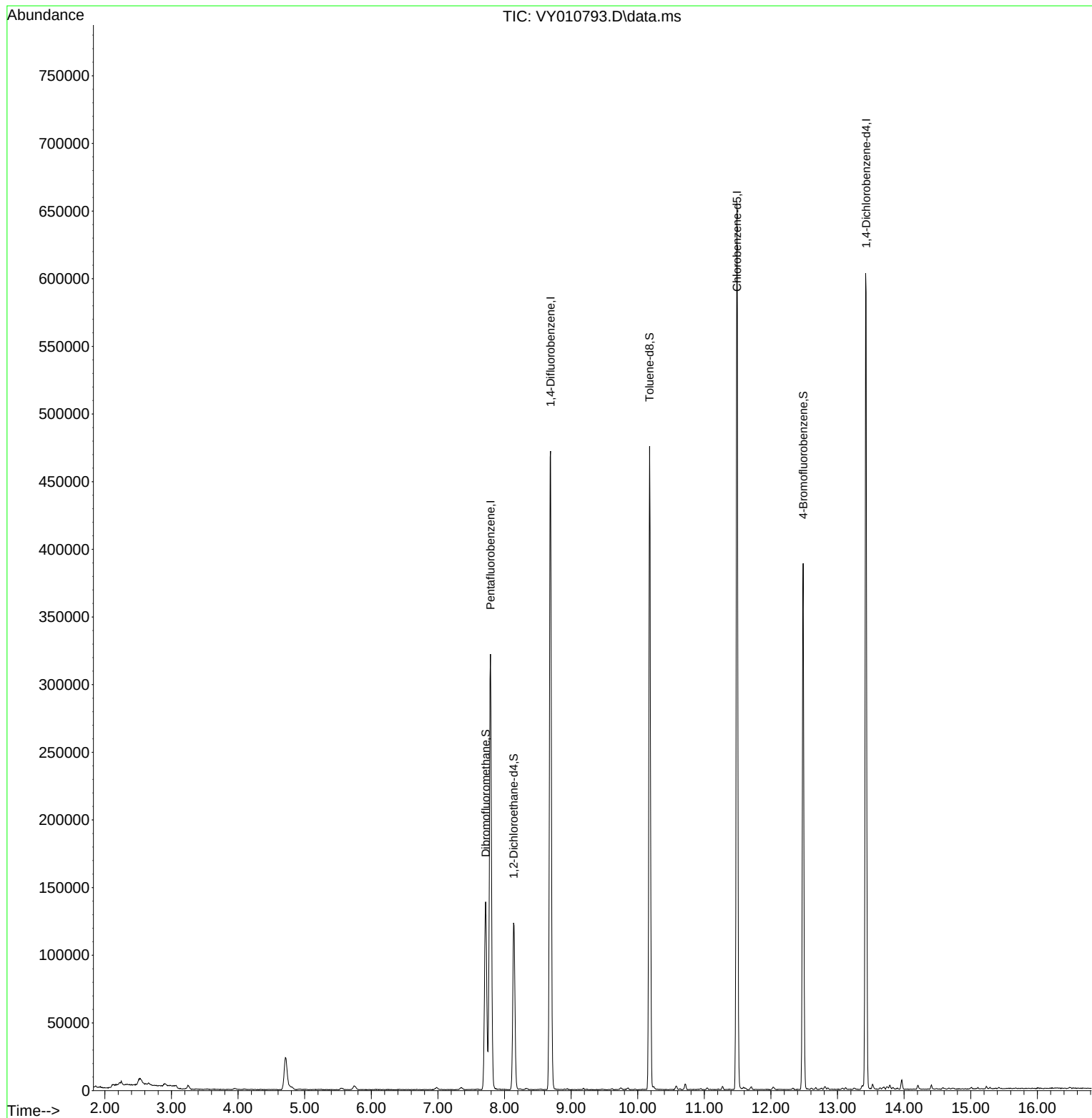
Target Compounds	Qvalue

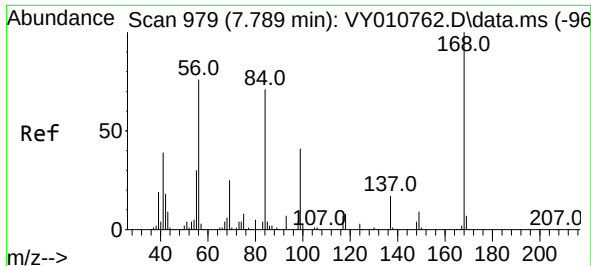
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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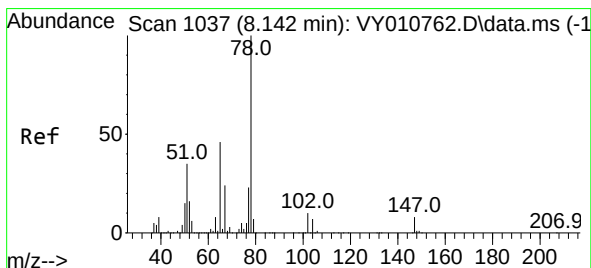
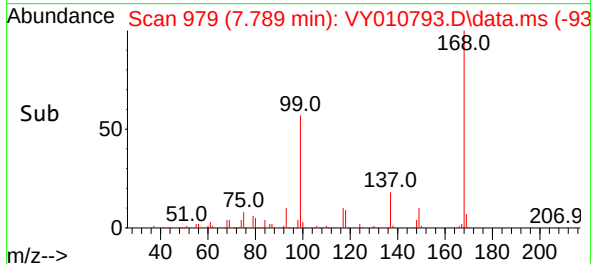
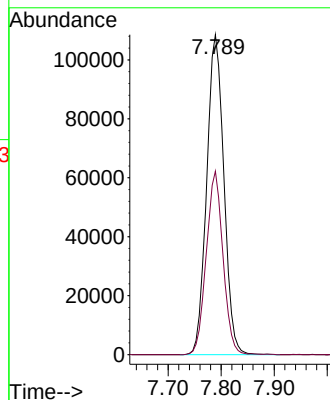
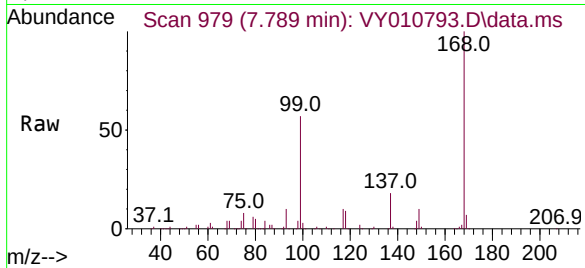




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

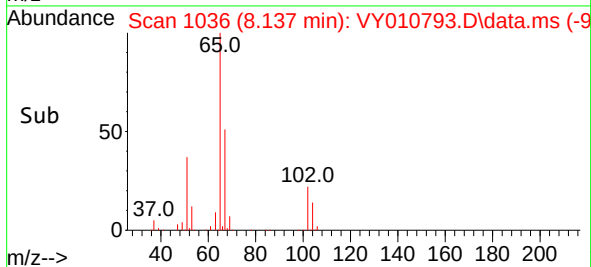
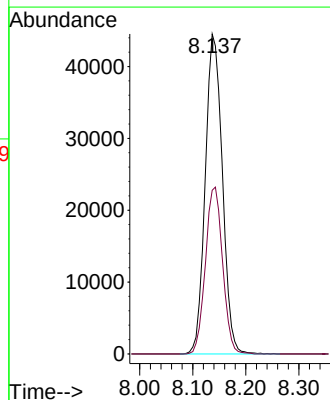
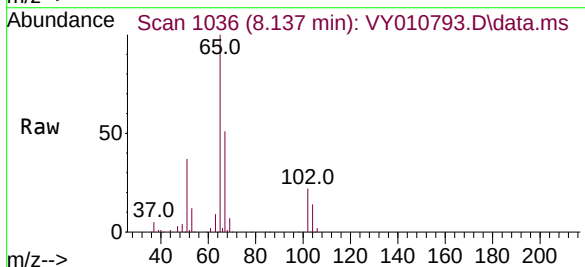
Instrument :
MSVOA_Y
ClientSampleId :
PE-6

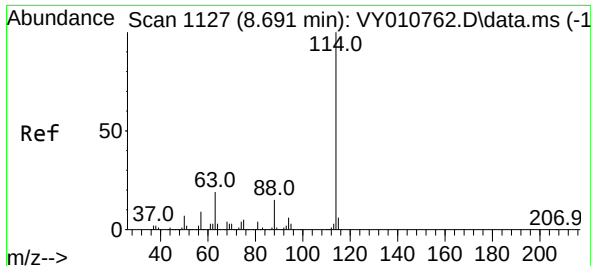
Tgt Ion:168 Resp: 243926
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 40.297 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

Tgt Ion: 65 Resp: 99633
Ion Ratio Lower Upper
65 100
67 52.2 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: VY010793.D

Acq: 04 Oct 2022 14:25

Instrument :

MSVOA_Y

ClientSampleId :

PE-6

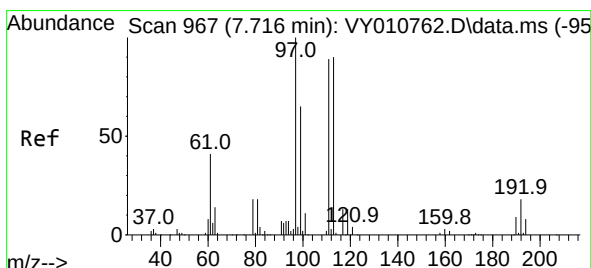
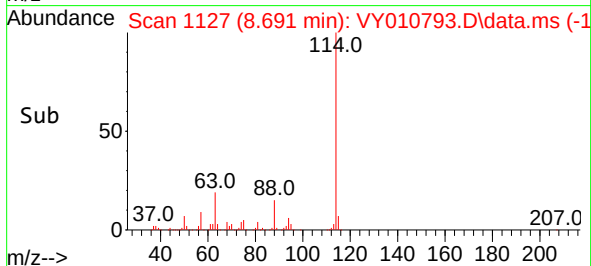
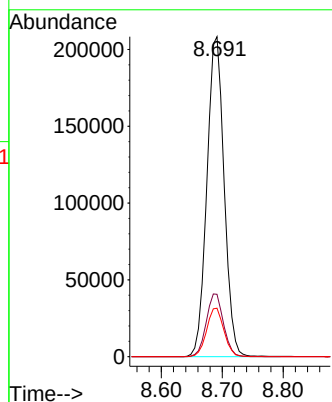
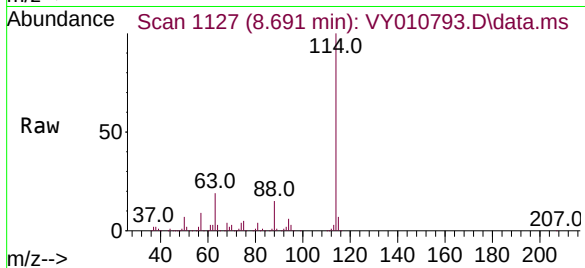
Tgt Ion:114 Resp: 409015

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 36.289 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010793.D

Acq: 04 Oct 2022 14:25

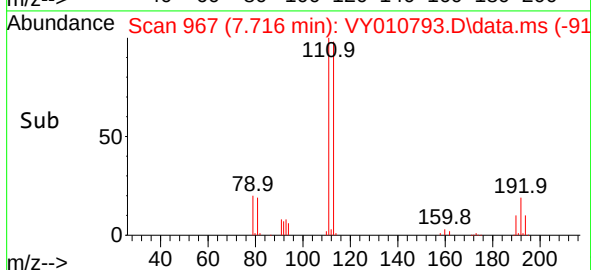
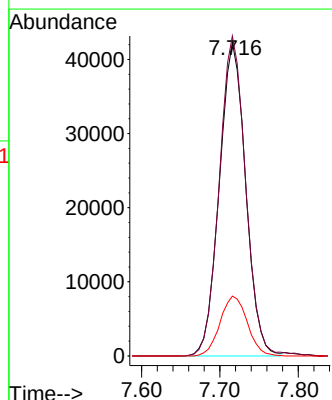
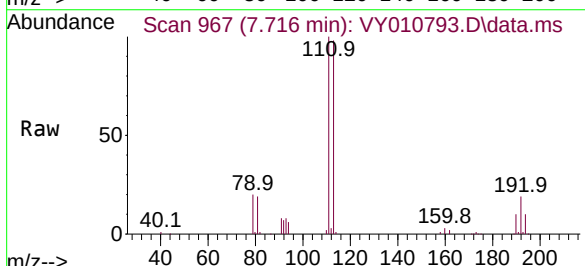
Tgt Ion:113 Resp: 98528

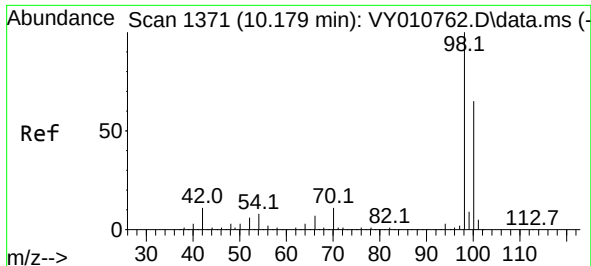
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.7 17.6 26.4

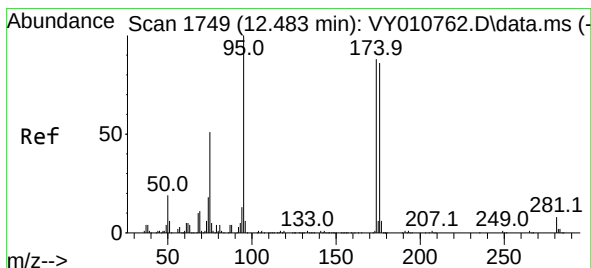
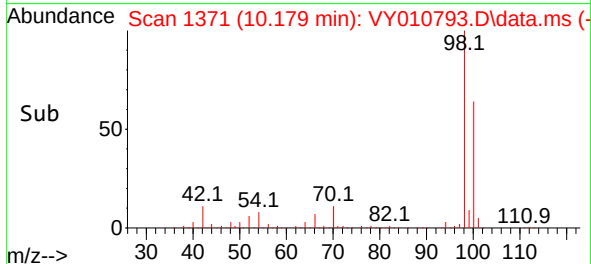
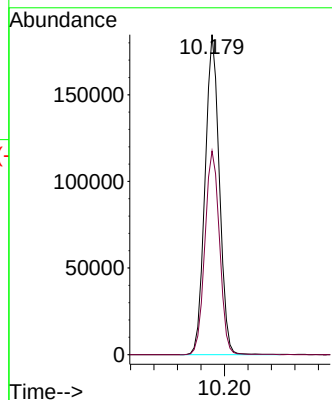
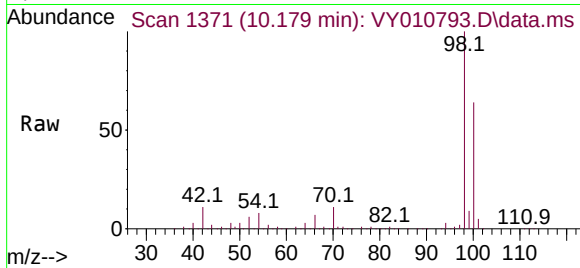




#50
Toluene-d8
Concen: 33.607 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

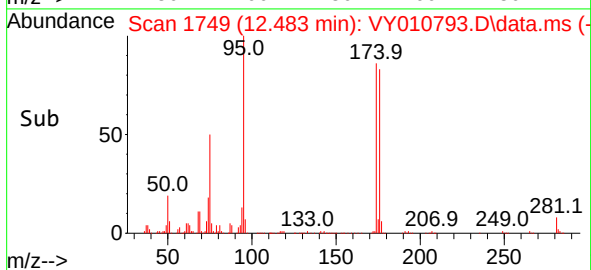
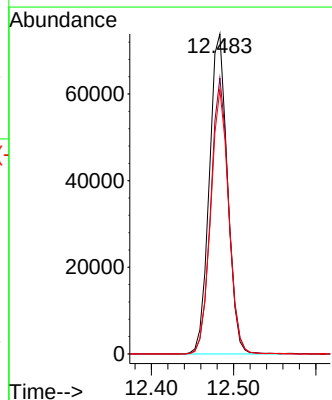
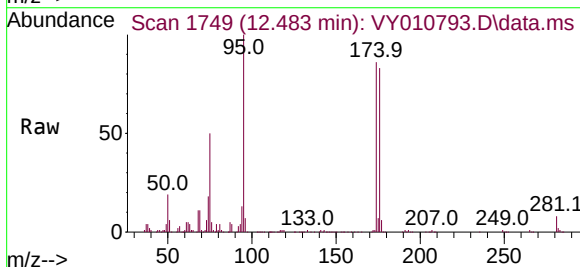
Instrument :
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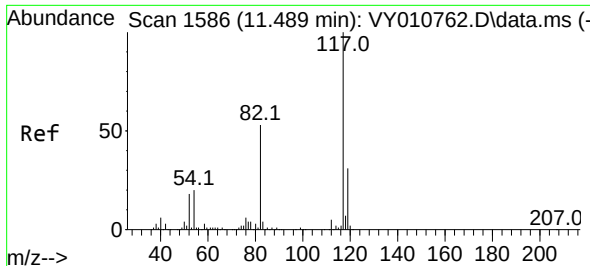
Tgt Ion: 98 Resp: 312047
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.620 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

Tgt Ion: 95 Resp: 112891
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 81.8 0.0 175.8

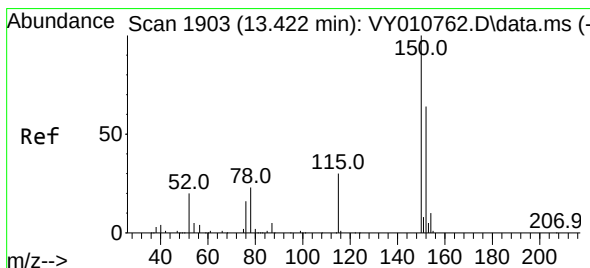
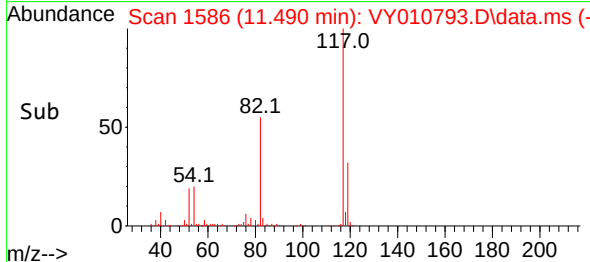
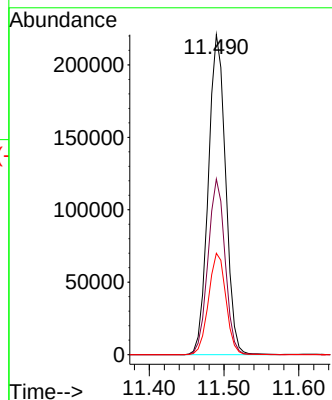
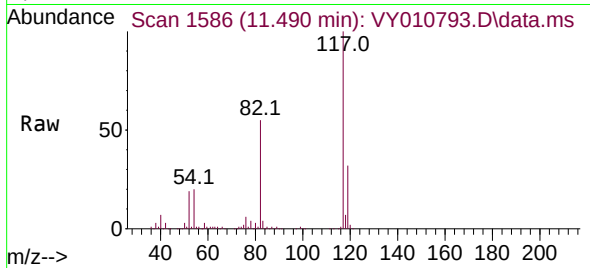




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

Instrument :
MSVOA_Y
ClientSampleId :
PE-6

Tgt Ion:117 Resp: 354805
Ion Ratio Lower Upper
117 100
82 54.9 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. 0.006 min
Lab File: VY010793.D
Acq: 04 Oct 2022 14:25

Tgt Ion:152 Resp: 155571
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 157.8 0.0 347.6

