

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100622\
 Data File : VY010836.D
 Acq On : 06 Oct 2022 11:58
 Operator : KP/MD
 Sample : VY1006SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1006SBL01

Quant Time: Oct 07 02:27:54 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	7.783	168	204359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	356291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	316900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141194	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125825	60.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.480%
35) Dibromofluoromethane	7.716	113	115223	48.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.440%
50) Toluene-d8	10.179	98	437454	54.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.160%
62) 4-Bromofluorobenzene	12.477	95	134832	42.086	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.180%

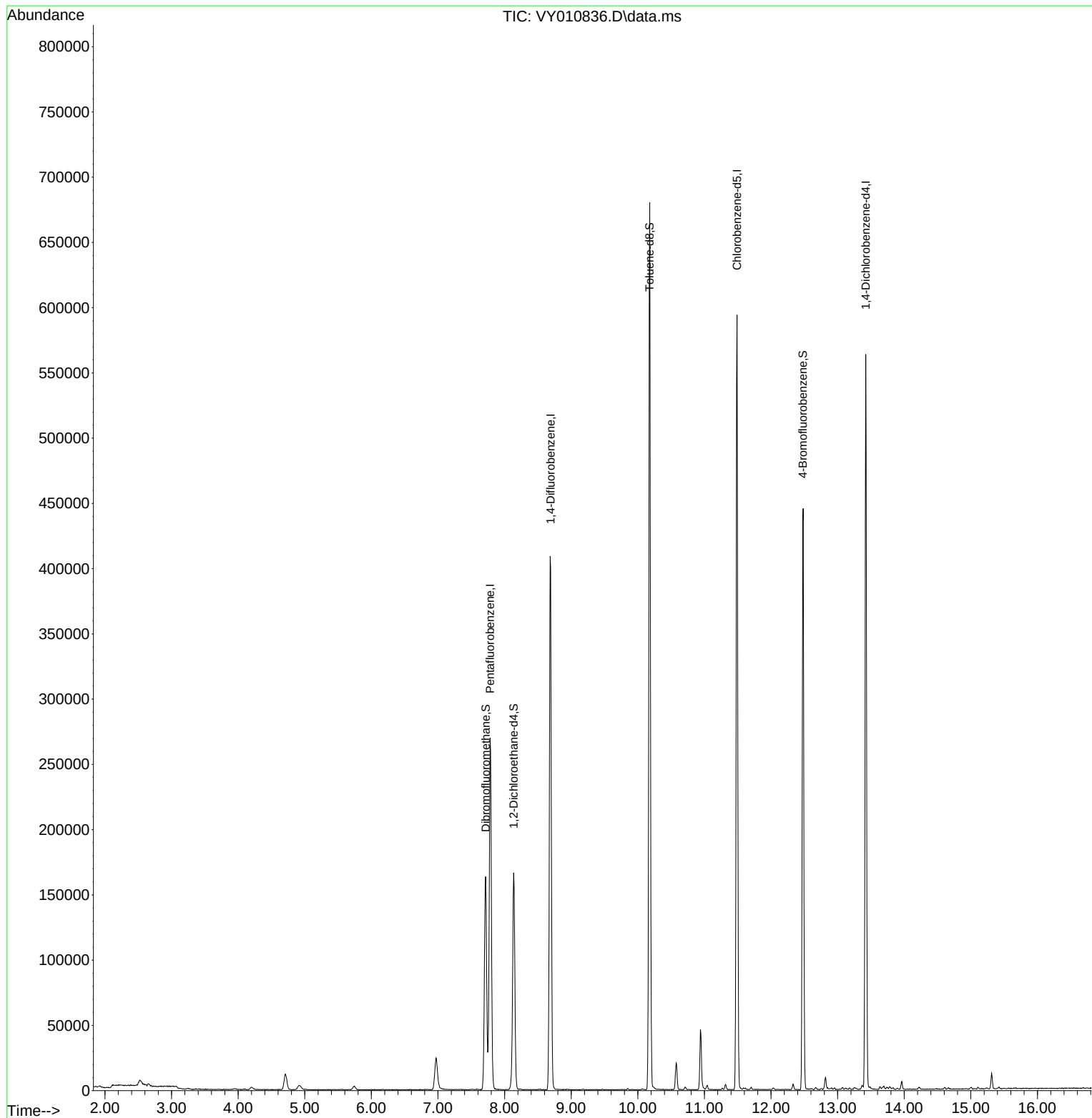
Target Compounds	Qvalue

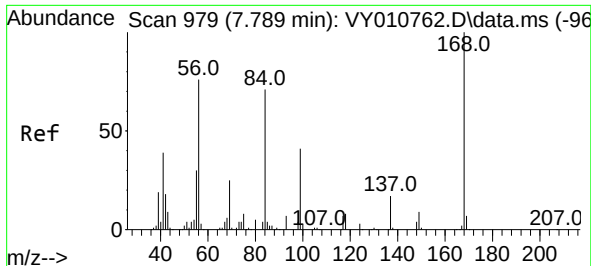
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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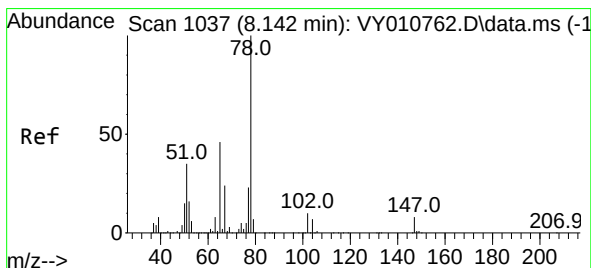
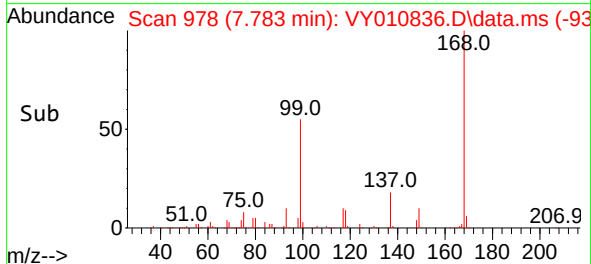
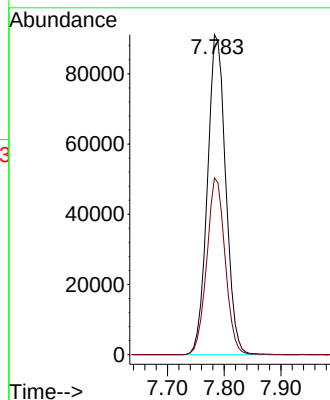
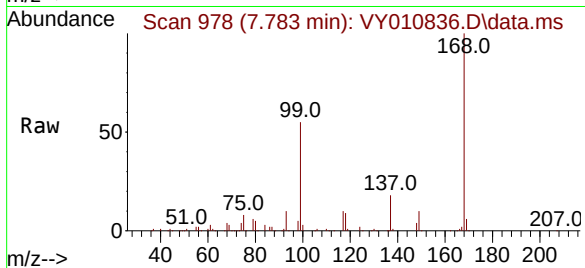




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010836.D
Acq: 06 Oct 2022 11:58

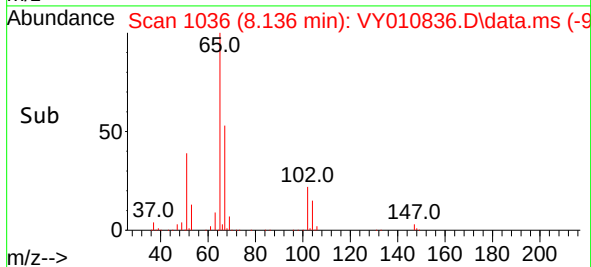
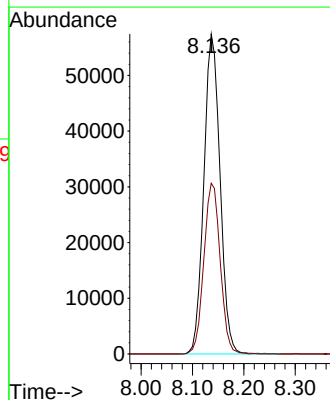
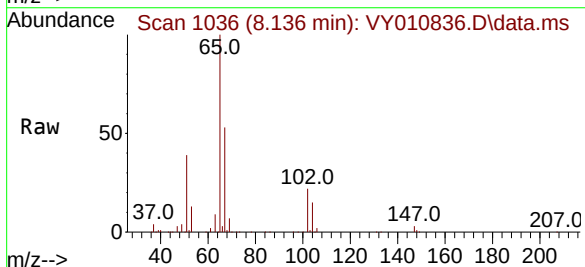
Instrument :
MSVOA_Y
ClientSampleId :
VY1006SBL01

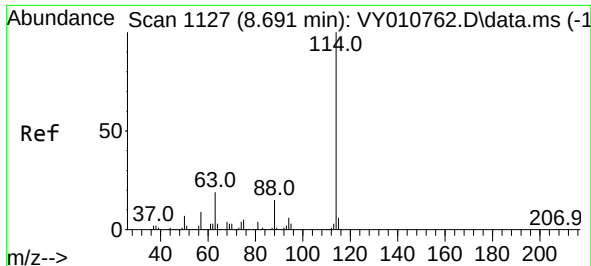
Tgt Ion:168 Resp: 204359
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.743 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010836.D
Acq: 06 Oct 2022 11:58

Tgt Ion: 65 Resp: 125825
Ion Ratio Lower Upper
65 100
67 53.7 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: VY010836.D

Acq: 06 Oct 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1006SBL01

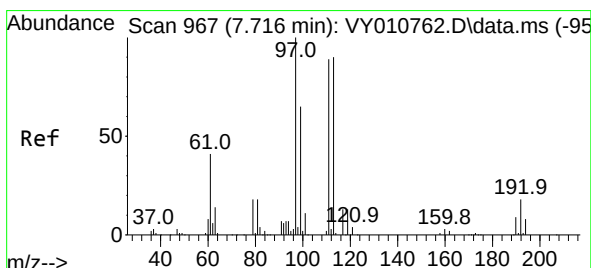
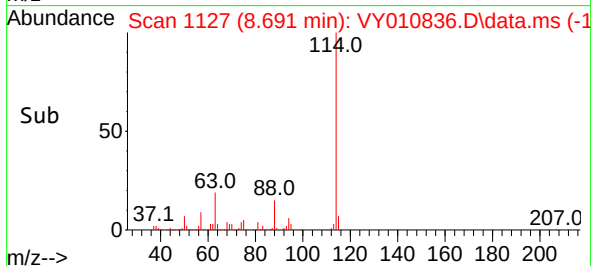
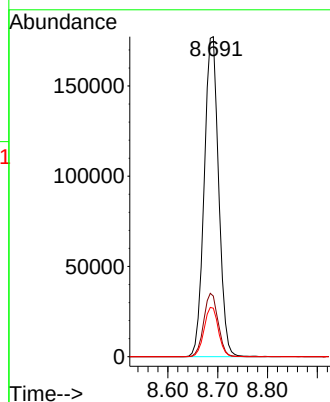
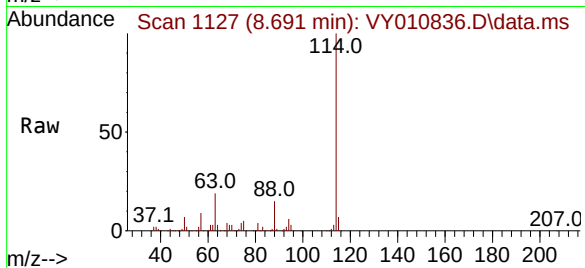
Tgt Ion:114 Resp: 356291

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.718 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010836.D

Acq: 06 Oct 2022 11:58

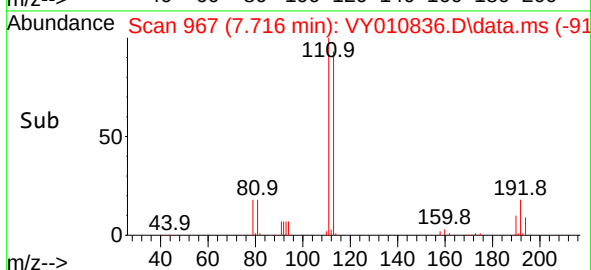
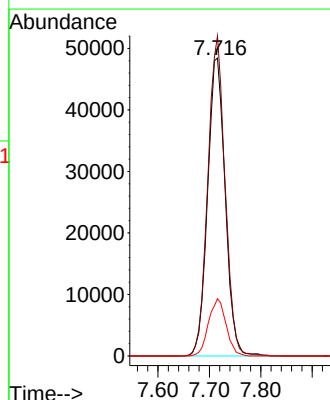
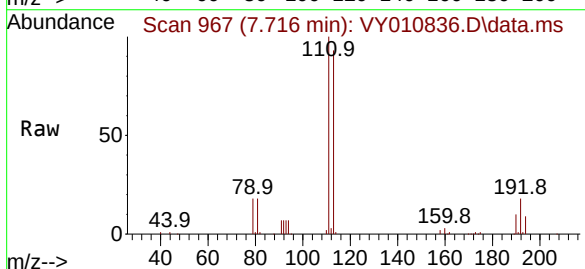
Tgt Ion:113 Resp: 115223

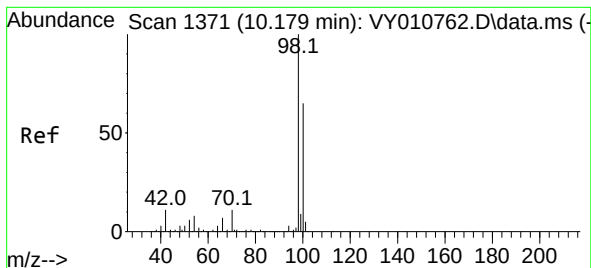
Ion Ratio Lower Upper

113 100

111 105.2 82.6 124.0

192 19.2 17.6 26.4





#50

Toluene-d8

Concen: 54.085 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010836.D

Acq: 06 Oct 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

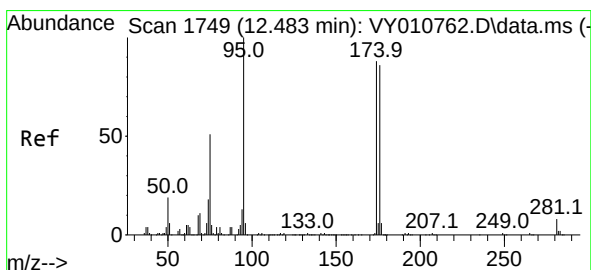
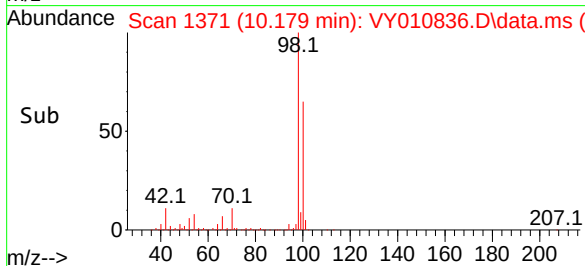
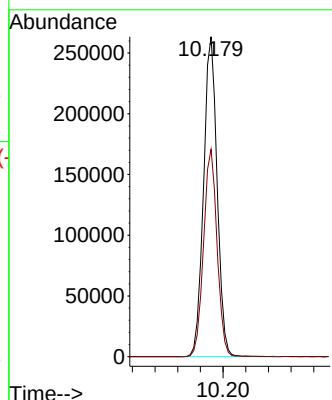
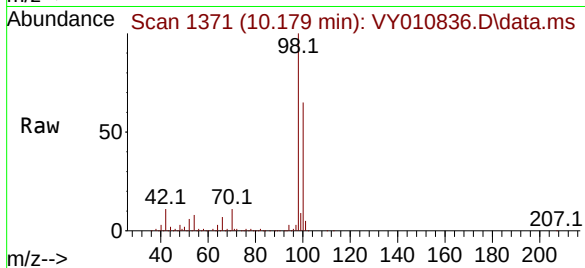
VY1006SBL01

Tgt Ion: 98 Resp: 437454

Ion Ratio Lower Upper

98 100

100 64.6 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 42.086 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY010836.D

Acq: 06 Oct 2022 11:58

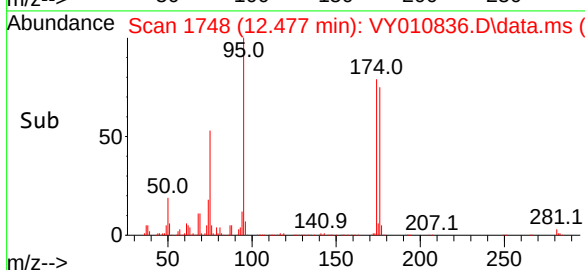
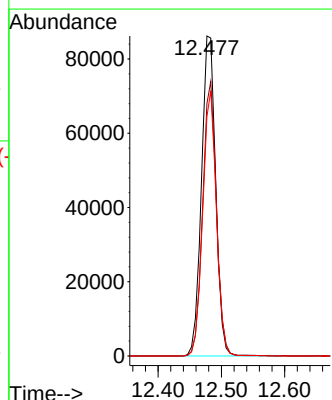
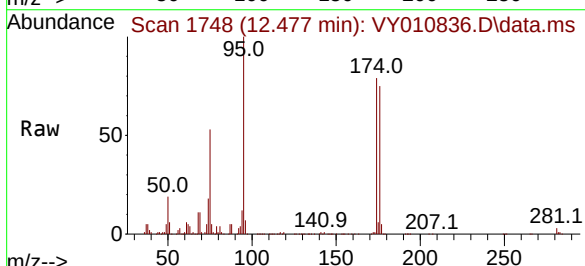
Tgt Ion: 95 Resp: 134832

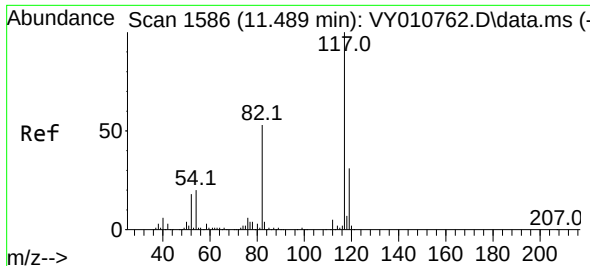
Ion Ratio Lower Upper

95 100

174 83.2 0.0 177.0

176 79.7 0.0 175.8

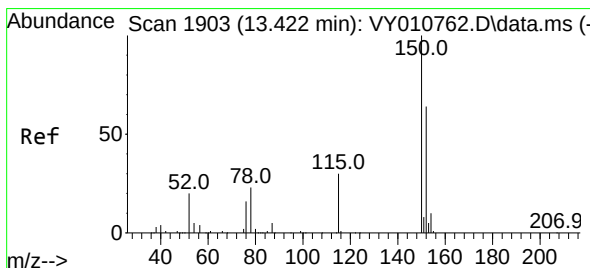
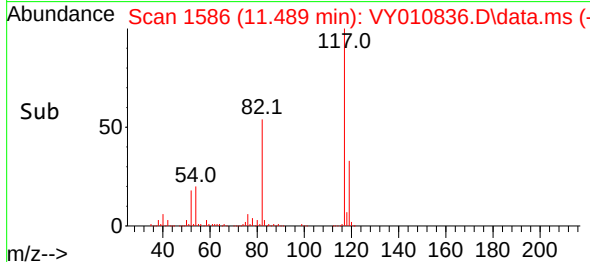
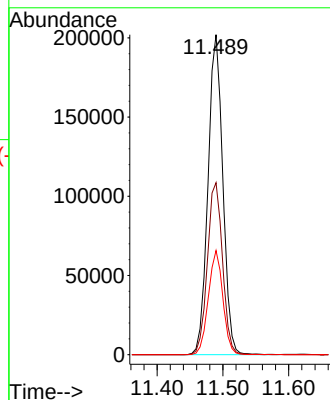
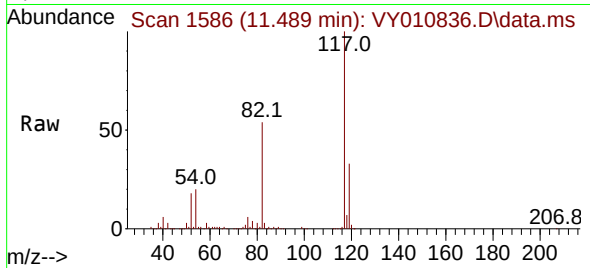




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010836.D
Acq: 06 Oct 2022 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1006SBL01

Tgt Ion:117 Resp: 316900
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010836.D
Acq: 06 Oct 2022 11:58

Tgt Ion:152 Resp: 141194
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 158.5 0.0 347.6

