

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010587.D
 Acq On : 20 Sep 2022 19:54
 Operator : KP/MD
 Sample : N4697-17
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-25-6.5-7.0

Quant Time: Sep 21 01:22:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	179347	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	297150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104040	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68256	39.790	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.580%
35) Dibromofluoromethane	7.716	113	81705	43.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.160%
50) Toluene-d8	10.179	98	350947	50.068	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.477	95	97725	36.860	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.720%

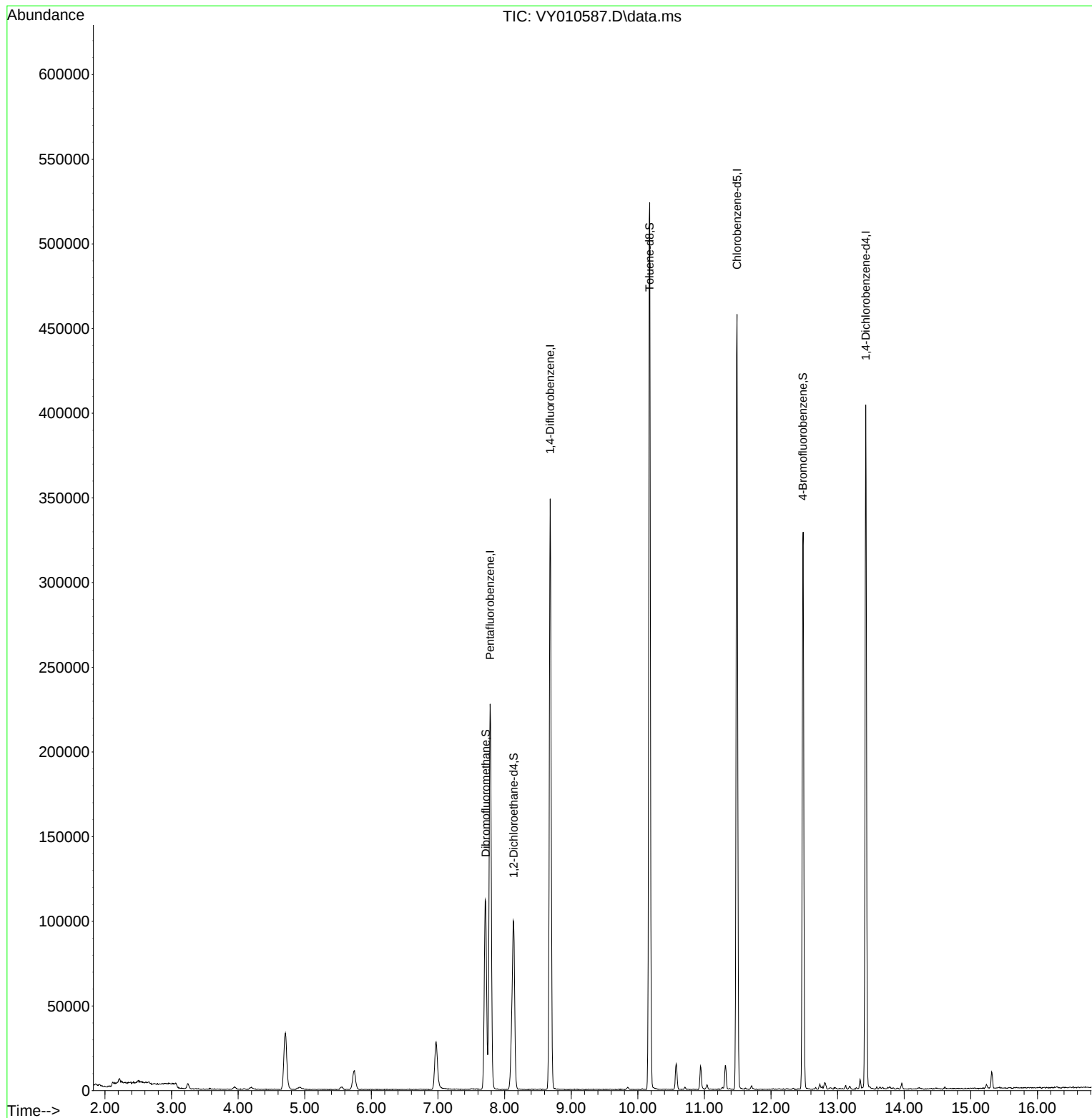
Target Compounds	Qvalue

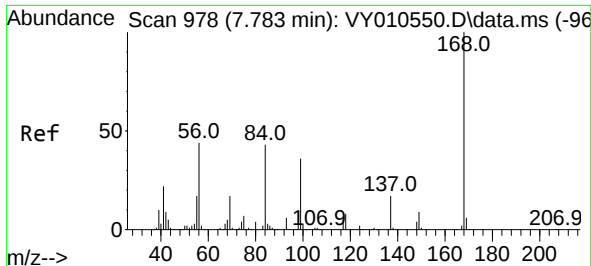
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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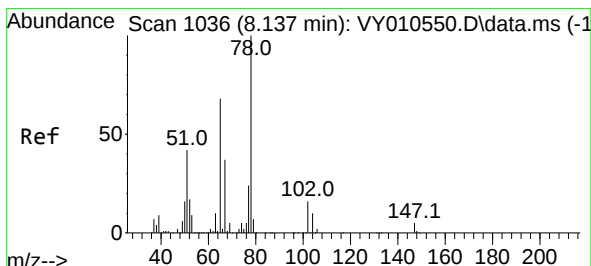
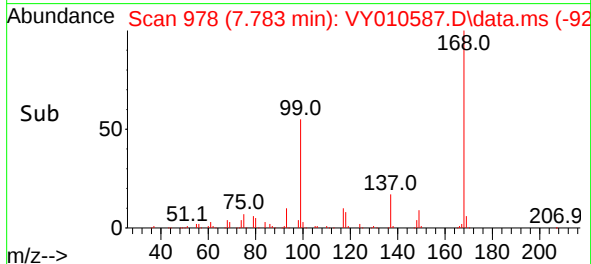
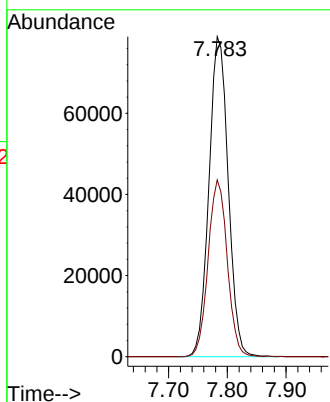
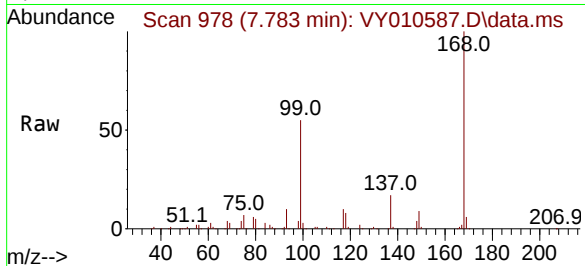




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

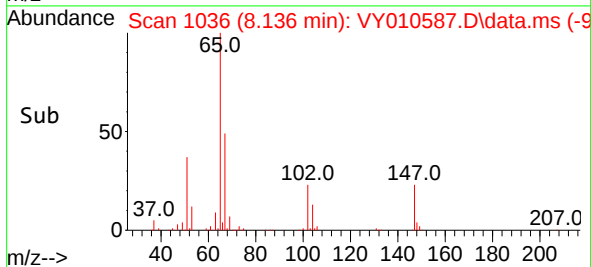
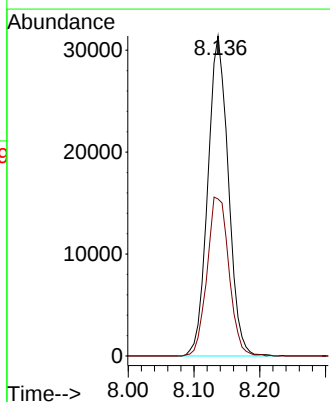
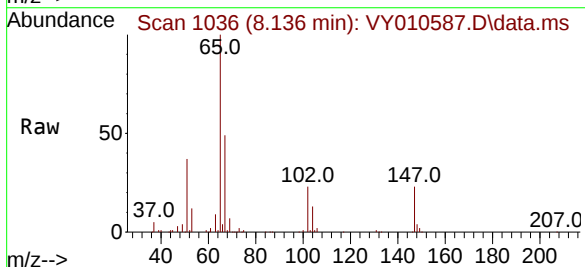
Instrument :
MSVOA_Y
ClientSampleId :
SB-25-6.5-7.0

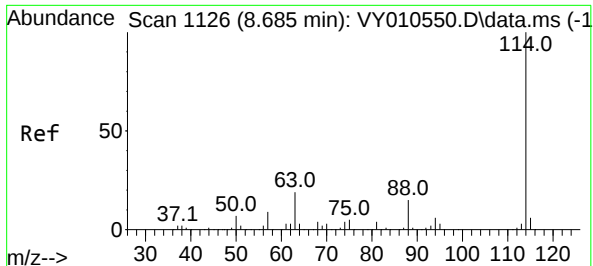
Tgt Ion:168 Resp: 179347
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 39.790 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

Tgt Ion: 65 Resp: 68256
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010587.D

Acq: 20 Sep 2022 19:54

Instrument :

MSVOA_Y

ClientSampleId :

SB-25-6.5-7.0

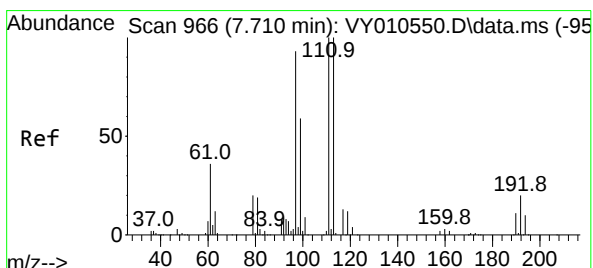
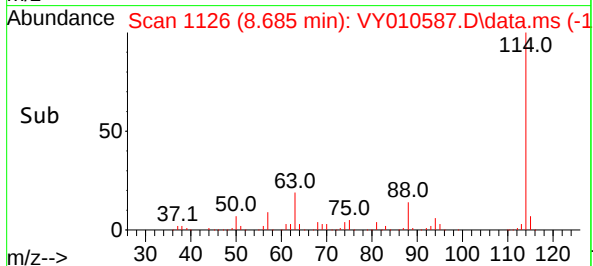
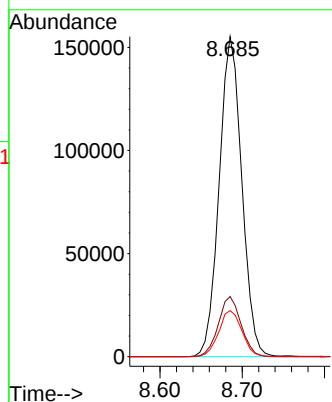
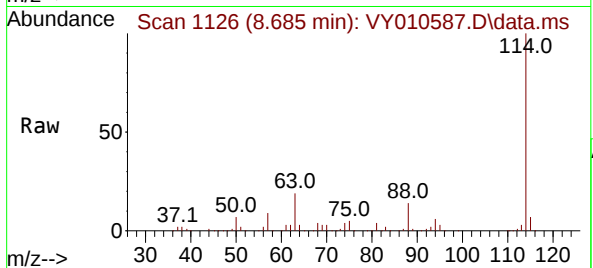
Tgt Ion:114 Resp: 297150

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.084 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010587.D

Acq: 20 Sep 2022 19:54

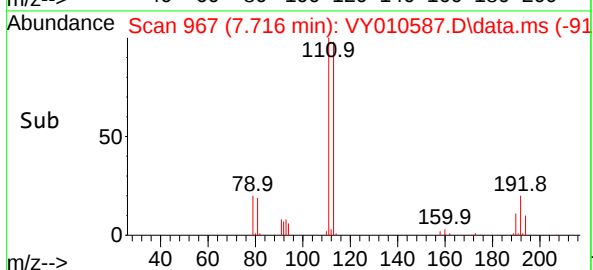
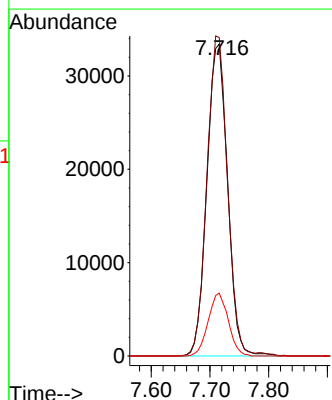
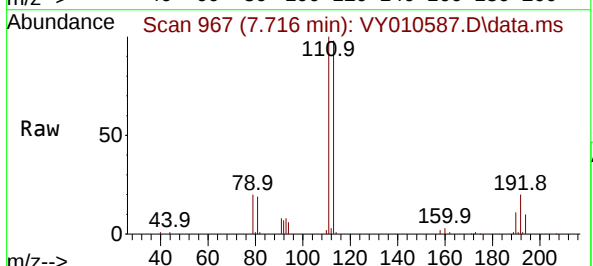
Tgt Ion:113 Resp: 81705

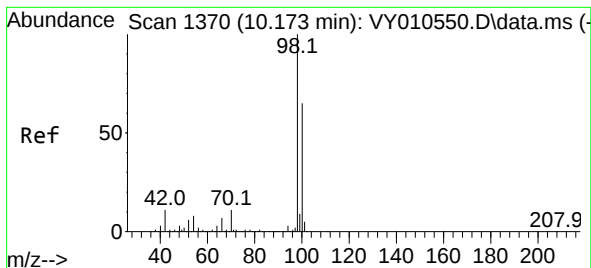
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 19.6 17.6 26.4





#50

Toluene-d8

Concen: 50.068 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VY010587.D

Acq: 20 Sep 2022 19:54

Instrument :

MSVOA_Y

ClientSampleId :

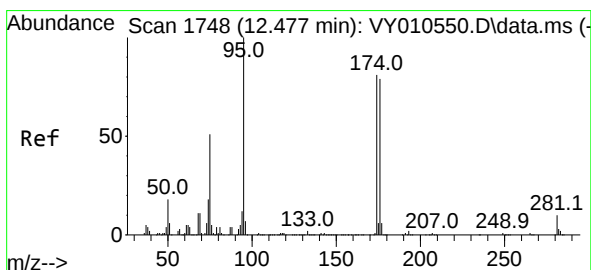
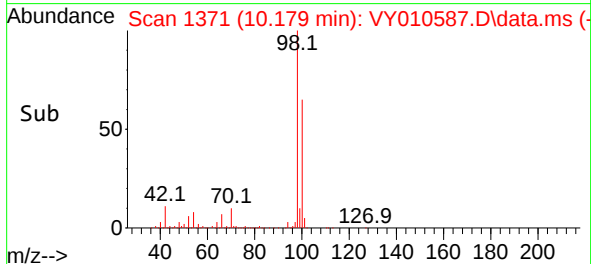
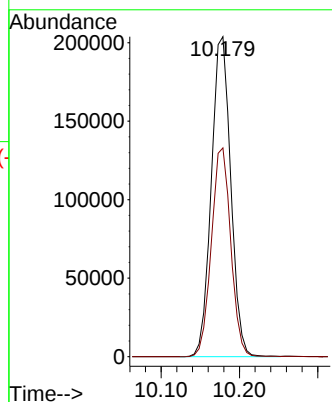
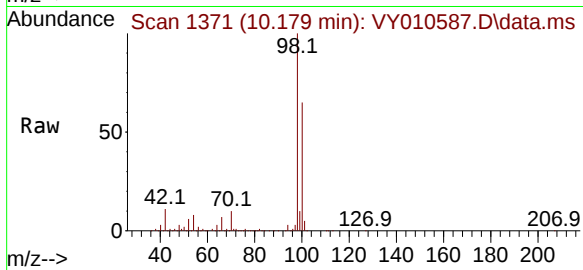
SB-25-6.5-7.0

Tgt Ion: 98 Resp: 350947

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 36.860 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY010587.D

Acq: 20 Sep 2022 19:54

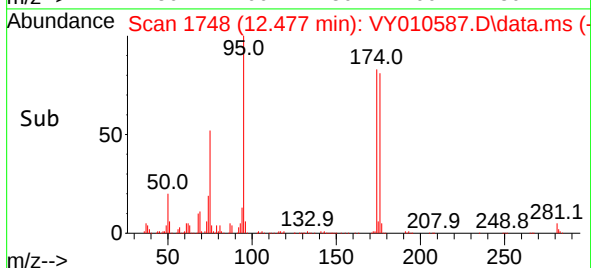
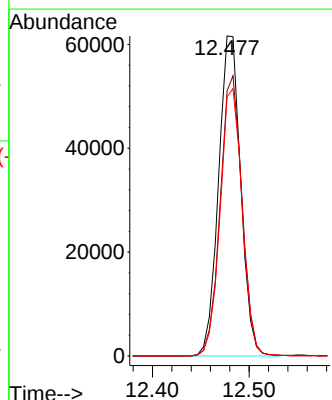
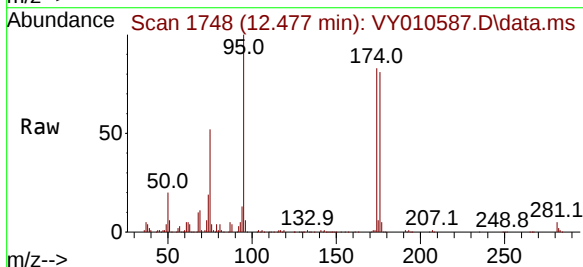
Tgt Ion: 95 Resp: 97725

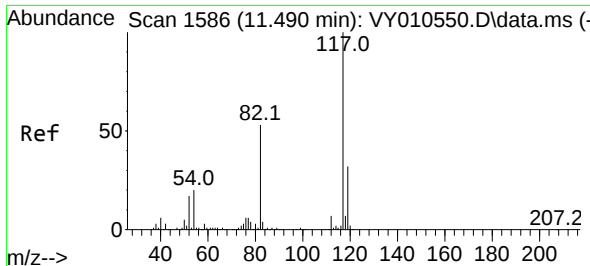
Ion Ratio Lower Upper

95 100

174 86.6 0.0 177.0

176 83.3 0.0 175.8

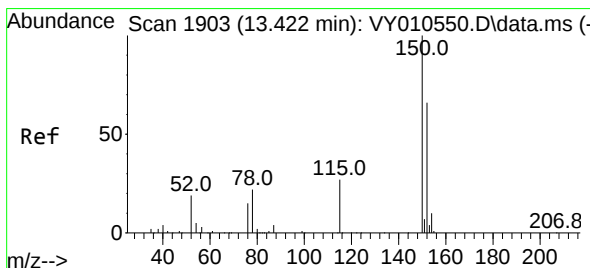
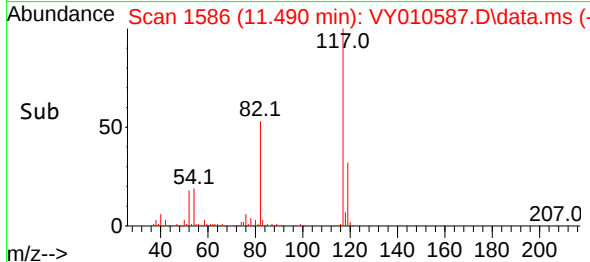
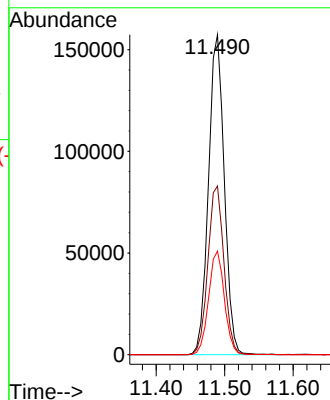
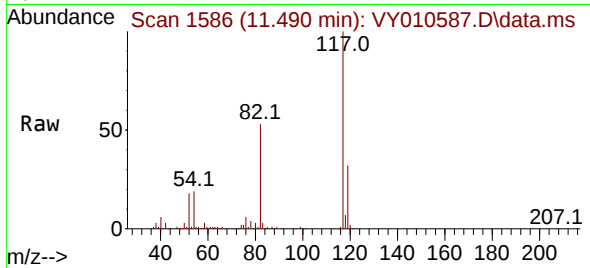




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010587.D
Acq: 20 Sep 2022 19:54

Instrument :
MSVOA_Y
ClientSampleId :
SB-25-6.5-7.0

Tgt Ion:117 Resp: 252387
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.3 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: VY010587.D
Acq: 20 Sep 2022 19:54

Tgt Ion:152 Resp: 104040
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 155.8 0.0 347.6

