

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
 Data File : VY010956.D
 Acq On : 13 Oct 2022 14:11
 Operator : KP/MD
 Sample : N5105-03
 Misc : 6.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-6

Quant Time: Oct 14 02:10:56 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	239833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	418031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	350076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	159573	65.641	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.280%
35) Dibromofluoromethane	7.716	113	161468	58.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.380%
50) Toluene-d8	10.179	98	569163	59.976	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.960%
62) 4-Bromofluorobenzene	12.477	95	167214	44.712	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.420%

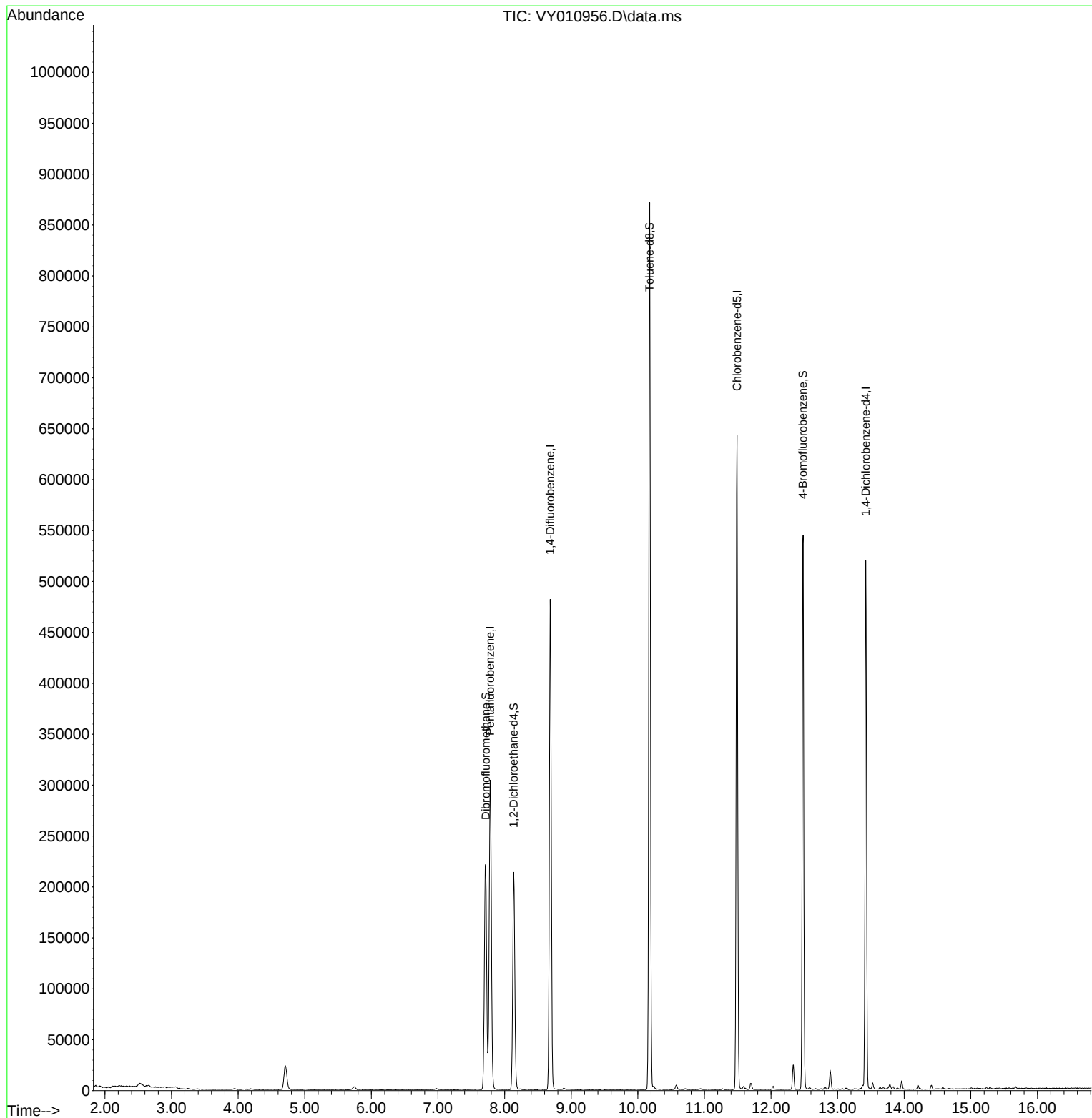
Target Compounds	Qvalue

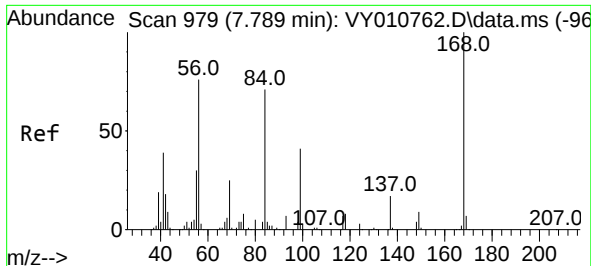
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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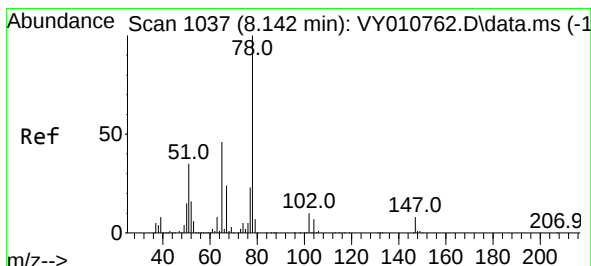
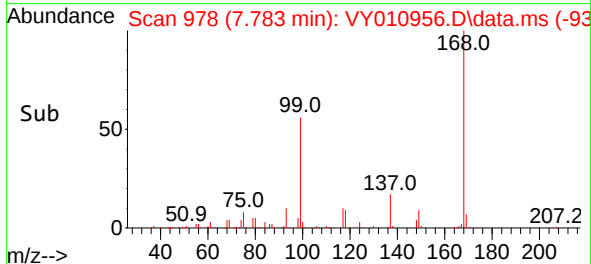
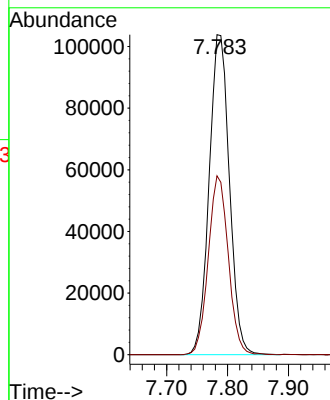
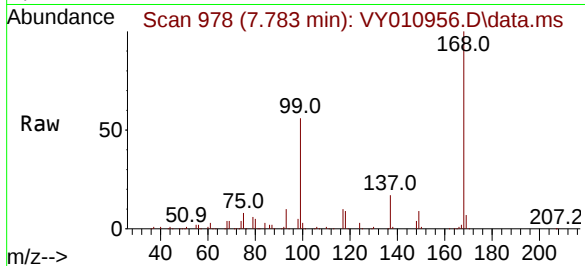




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

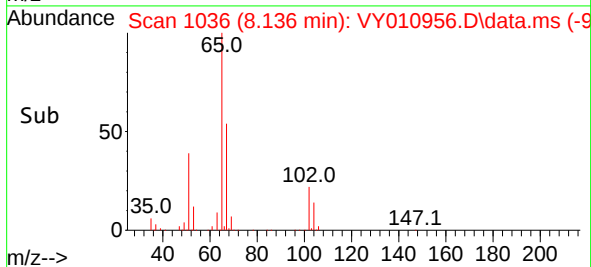
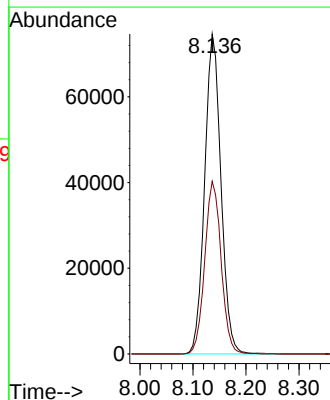
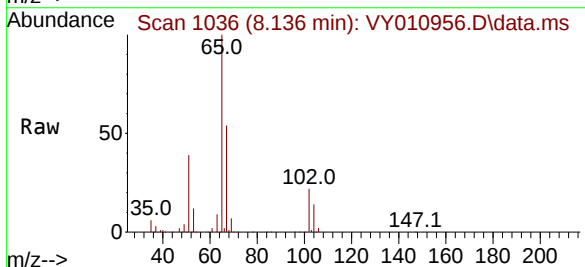
Instrument :
MSVOA_Y
ClientSampleId :
WC-6

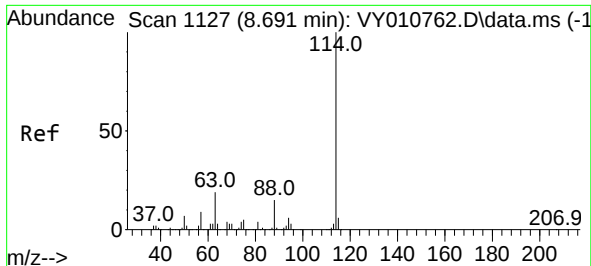
Tgt Ion:168 Resp: 239833
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 65.641 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

Tgt Ion: 65 Resp: 159573
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010956.D

Acq: 13 Oct 2022 14:11

Instrument :

MSVOA_Y

ClientSampleId :

WC-6

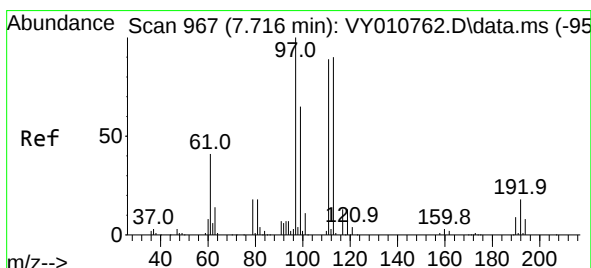
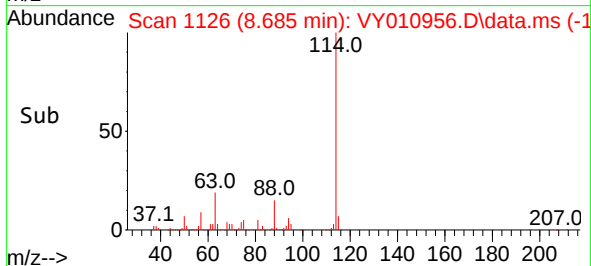
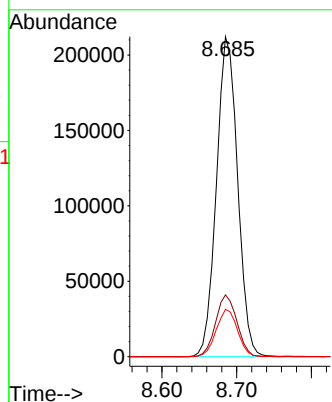
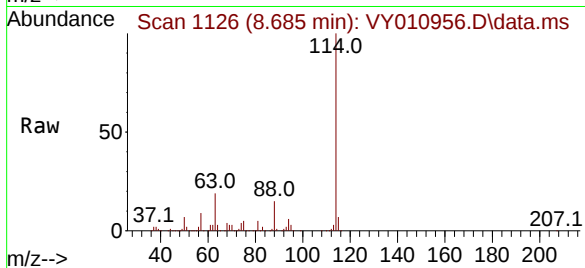
Tgt Ion:114 Resp: 418031

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.188 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010956.D

Acq: 13 Oct 2022 14:11

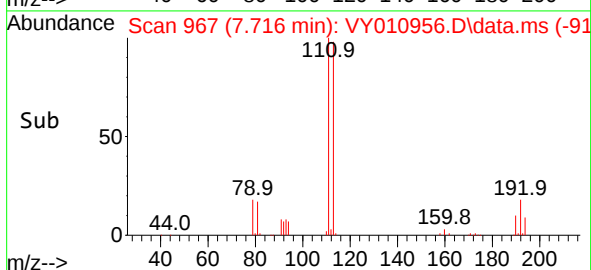
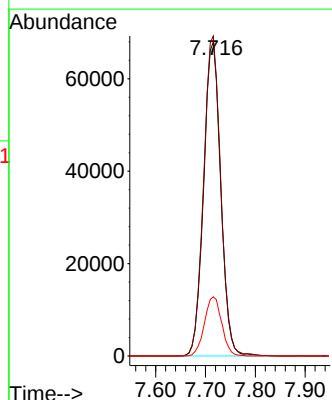
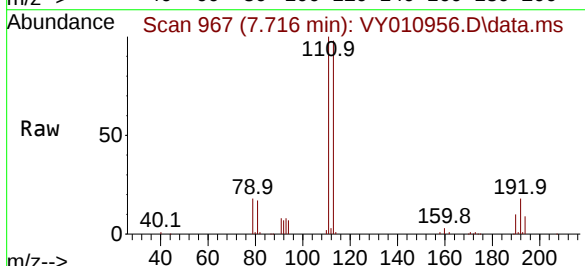
Tgt Ion:113 Resp: 161468

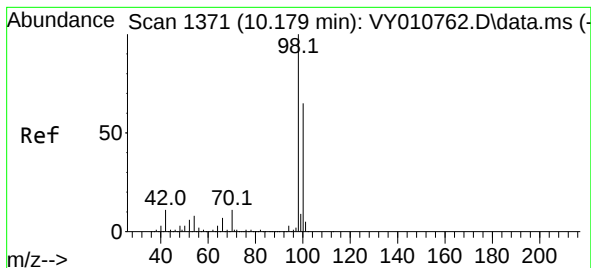
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.1 17.6 26.4





#50

Toluene-d8

Concen: 59.976 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY010956.D

Acq: 13 Oct 2022 14:11

Instrument :

MSVOA_Y

ClientSampleId :

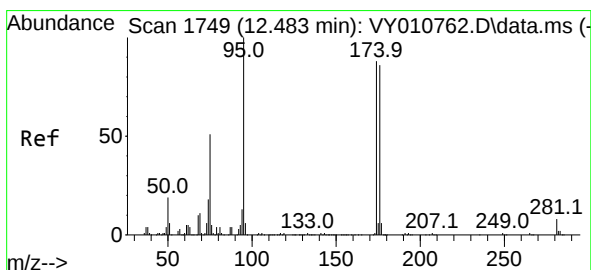
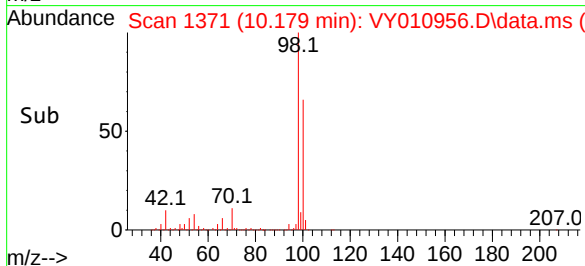
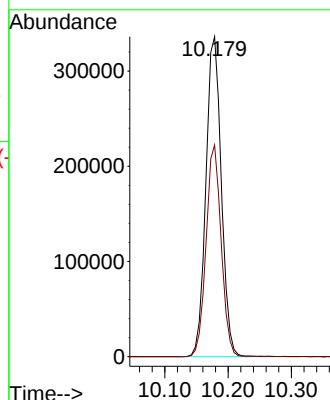
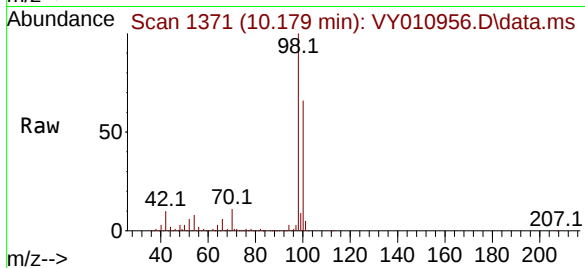
WC-6

Tgt Ion: 98 Resp: 569163

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 44.712 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY010956.D

Acq: 13 Oct 2022 14:11

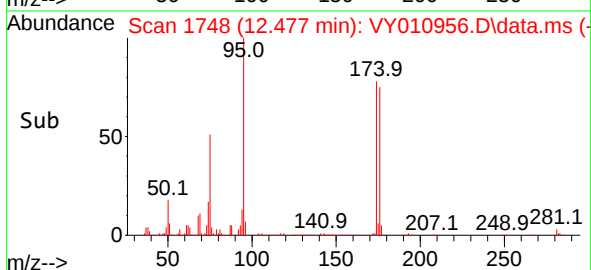
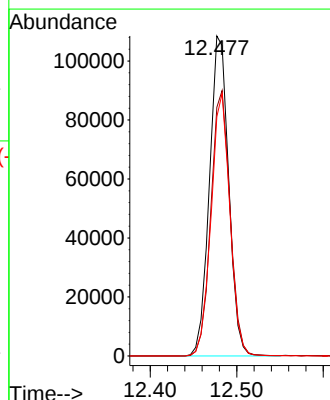
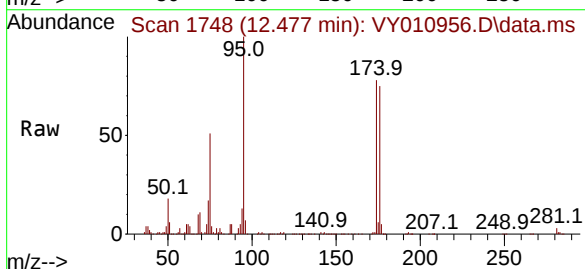
Tgt Ion: 95 Resp: 167214

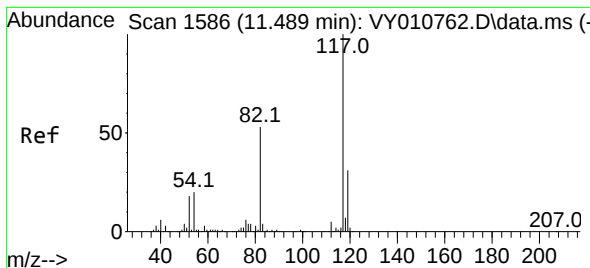
Ion Ratio Lower Upper

95 100

174 82.8 0.0 177.0

176 80.3 0.0 175.8

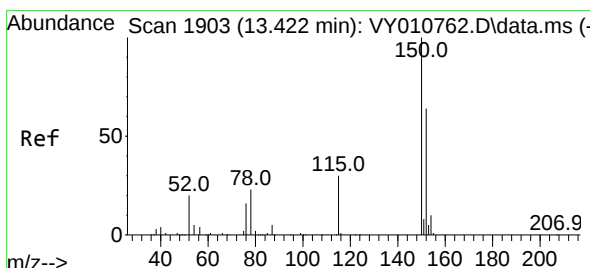
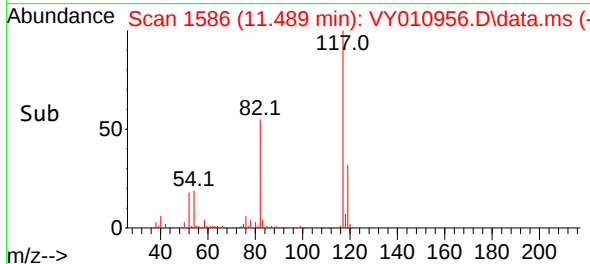
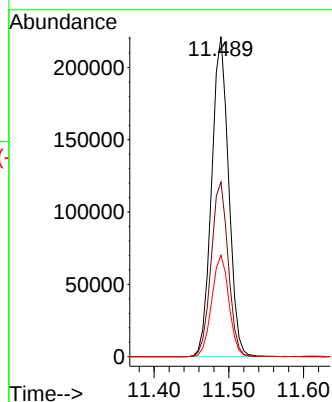
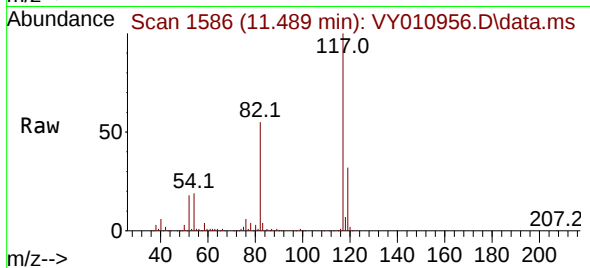




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010956.D
Acq: 13 Oct 2022 14:11

Instrument :
MSVOA_Y
ClientSampleId :
WC-6

Tgt Ion:117 Resp: 350076
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.7 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: VY010956.D
Acq: 13 Oct 2022 14:11

Tgt Ion:152 Resp: 134679
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 157.3 0.0 347.6

