

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015914.D
 Acq On : 11 Oct 2023 10:48
 Operator : SY/MD
 Sample : VY1011SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1011SBL01

Quant Time: Oct 12 01:54:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	154865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	248132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112752	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91149	65.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.820%
35) Dibromofluoromethane	7.722	113	87644	57.684	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.360%
50) Toluene-d8	10.179	98	318291	63.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	127.120%
62) 4-Bromofluorobenzene	12.483	95	108137	53.168	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.340%

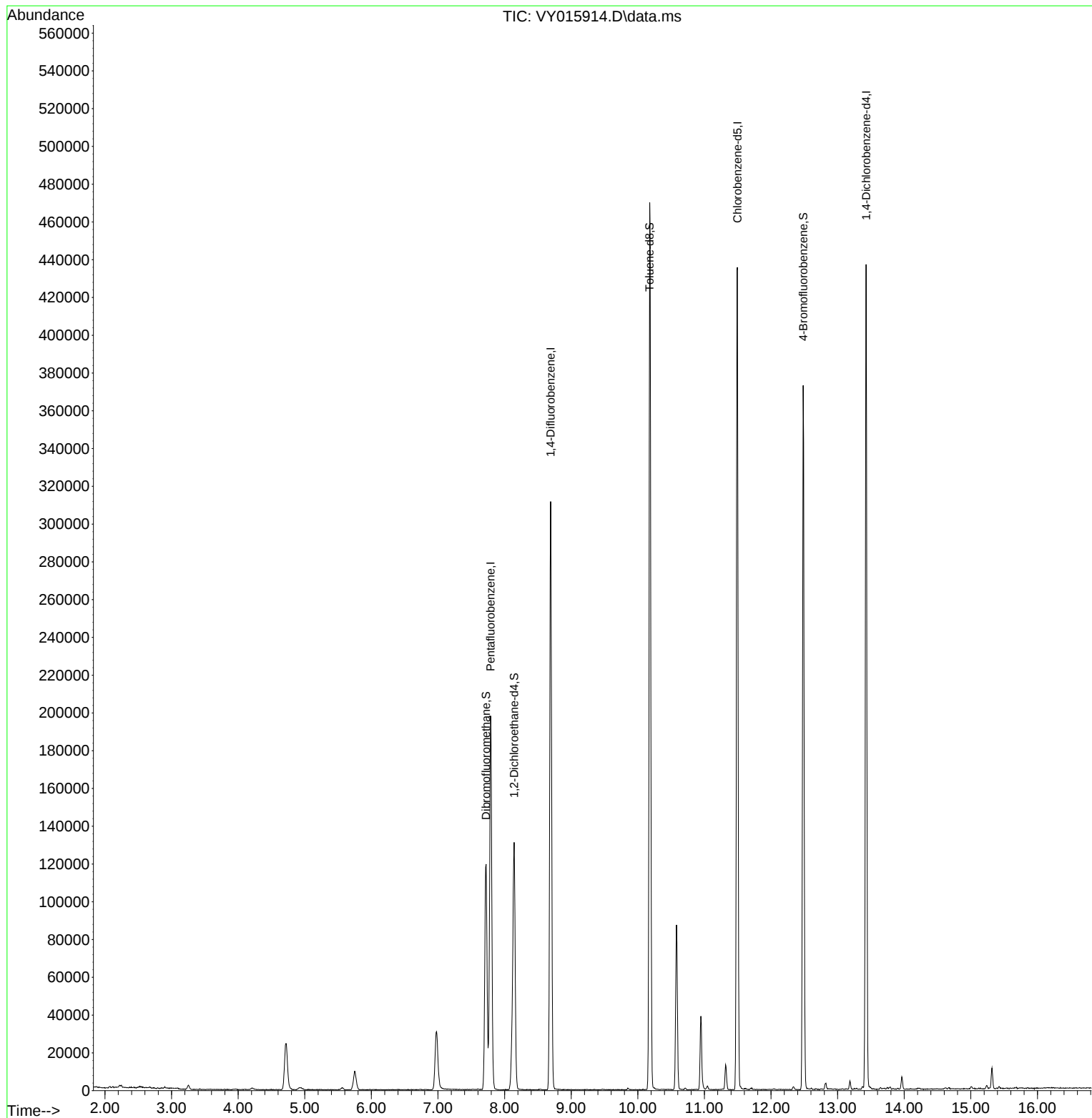
Target Compounds	Qvalue

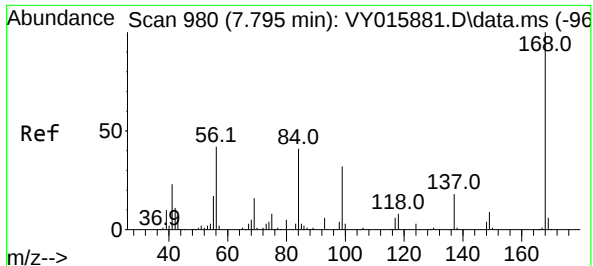
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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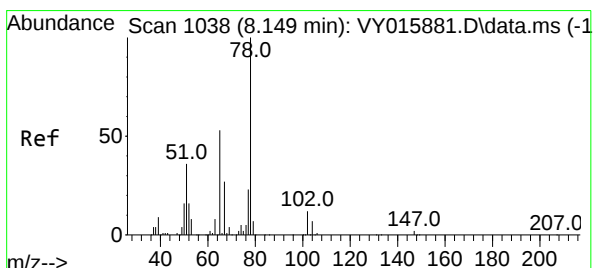
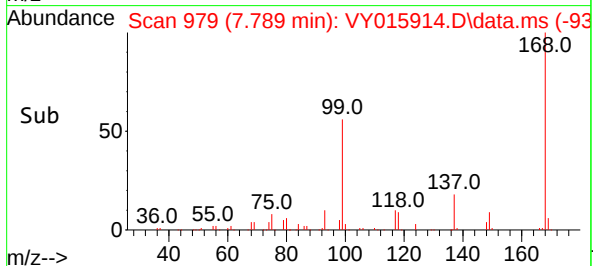
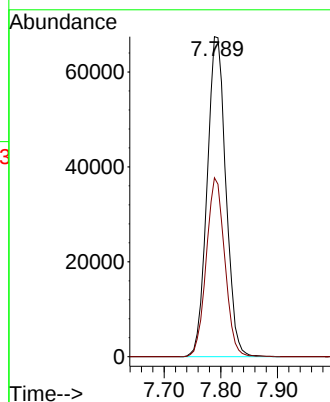
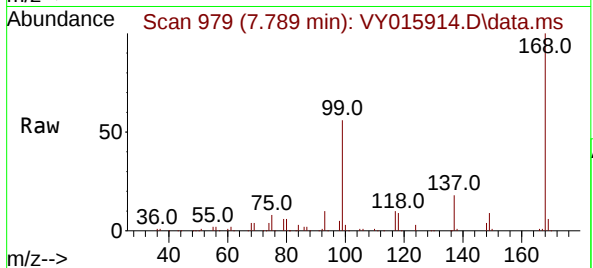




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015914.D
Acq: 11 Oct 2023 10:48

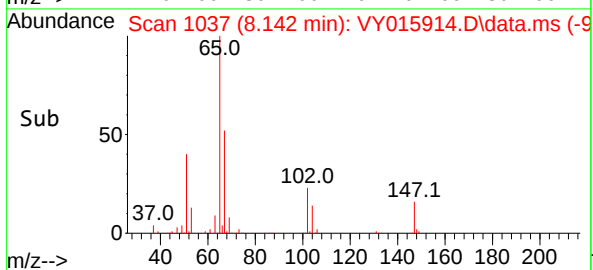
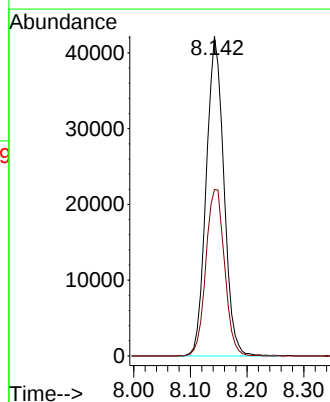
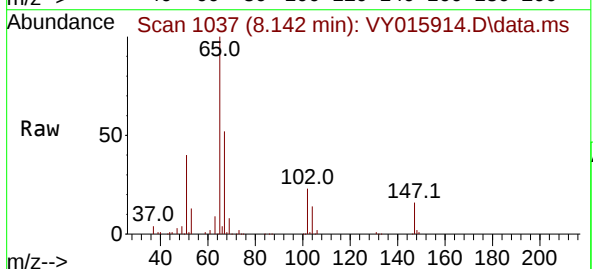
Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBL01

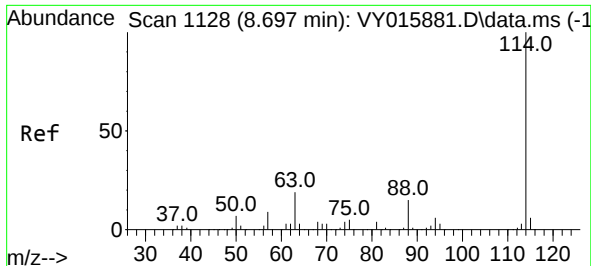
Tgt Ion:168 Resp: 154865
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 65.411 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY015914.D
Acq: 11 Oct 2023 10:48

Tgt Ion: 65 Resp: 91149
Ion Ratio Lower Upper
65 100
67 55.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015914.D

Acq: 11 Oct 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VY1011SBL01

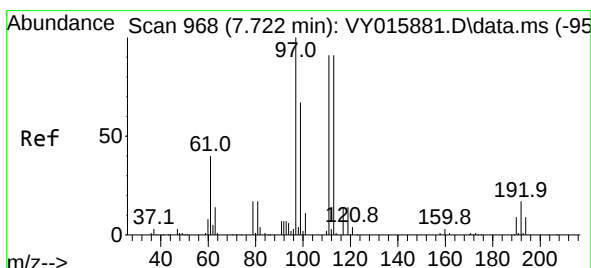
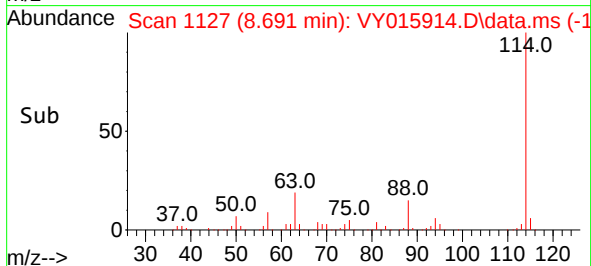
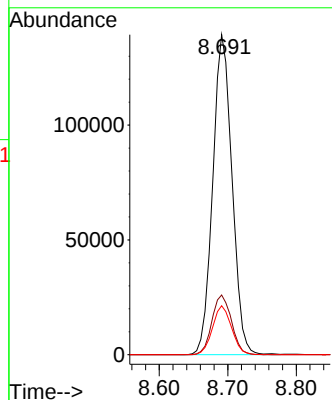
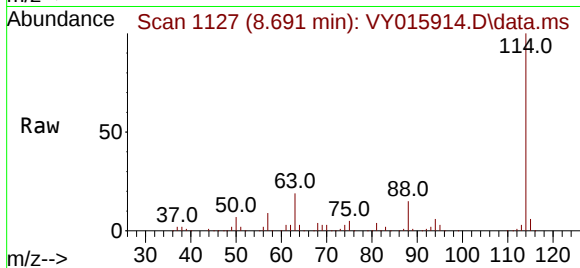
Tgt Ion:114 Resp: 272397

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.684 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY015914.D

Acq: 11 Oct 2023 10:48

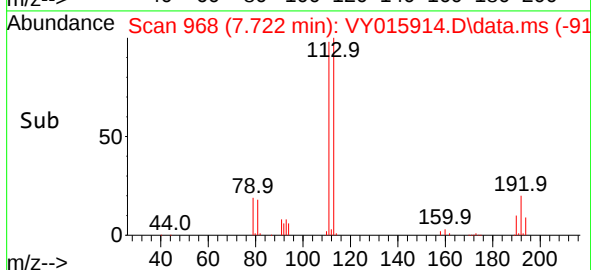
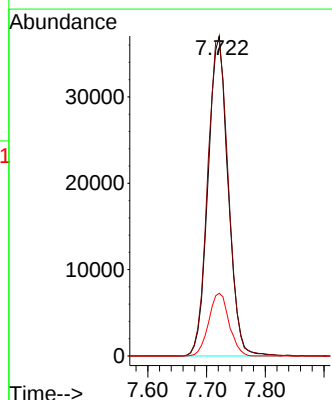
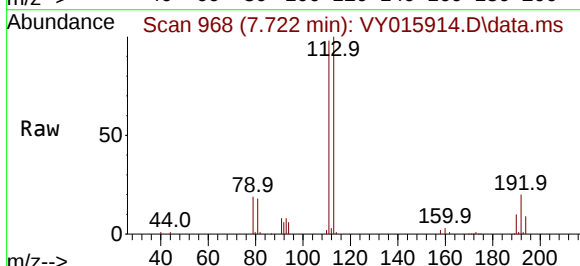
Tgt Ion:113 Resp: 87644

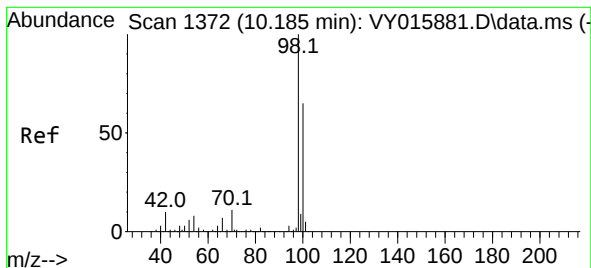
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 19.9 16.9 25.3





#50

Toluene-d8

Concen: 63.564 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY015914.D

Acq: 11 Oct 2023 10:48

Instrument :

MSVOA_Y

ClientSampleId :

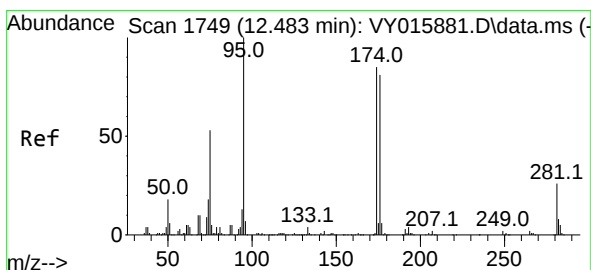
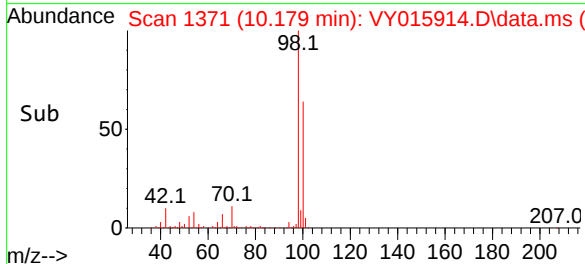
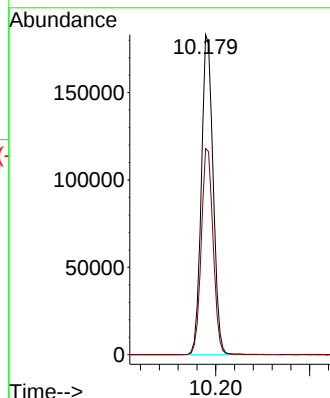
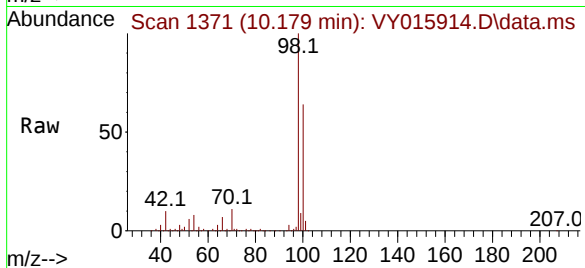
VY1011SBL01

Tgt Ion: 98 Resp: 318291

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 53.168 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY015914.D

Acq: 11 Oct 2023 10:48

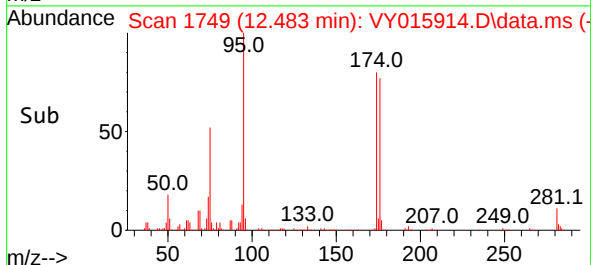
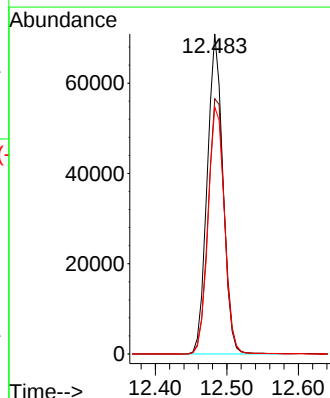
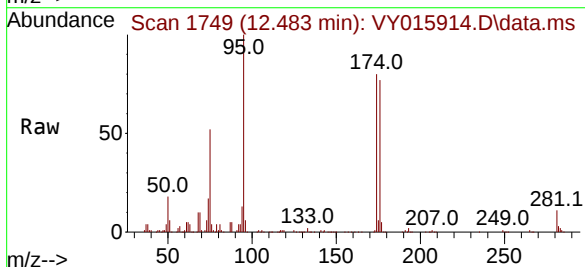
Tgt Ion: 95 Resp: 108137

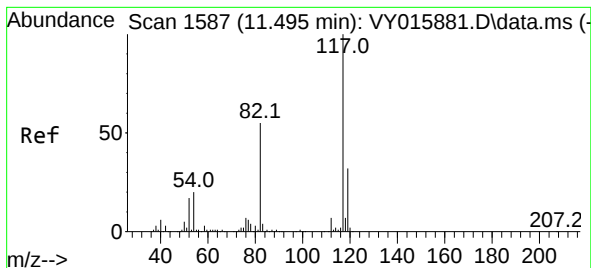
Ion Ratio Lower Upper

95 100

174 83.5 0.0 178.2

176 80.3 0.0 173.8

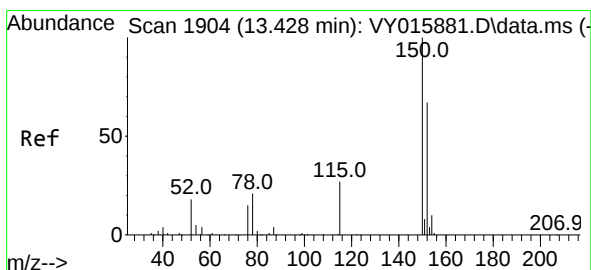
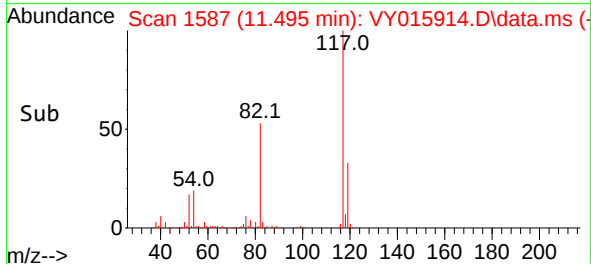
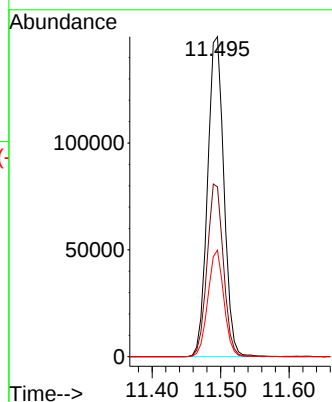
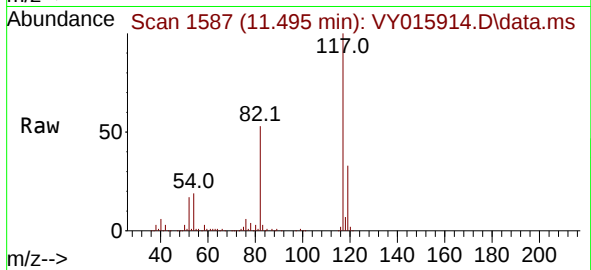




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015914.D
Acq: 11 Oct 2023 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VY1011SBL01

Tgt Ion:117 Resp: 248132
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 33.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY015914.D
Acq: 11 Oct 2023 10:48

Tgt Ion:152 Resp: 112752
Ion Ratio Lower Upper
152 100
115 58.8 28.8 86.5
150 159.2 0.0 348.8

