

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
 Data File : VY013003.D
 Acq On : 20 Mar 2023 12:42
 Operator : KP/MD
 Sample : VY0320SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0320SBL01

Quant Time: Mar 21 01:11:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	98502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	158232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66627	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48009	49.089	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.180%
35) Dibromofluoromethane	7.716	113	47467	49.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.420%
50) Toluene-d8	10.179	98	145652	41.722	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.440%
62) 4-Bromofluorobenzene	12.483	95	50371	42.749	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.500%

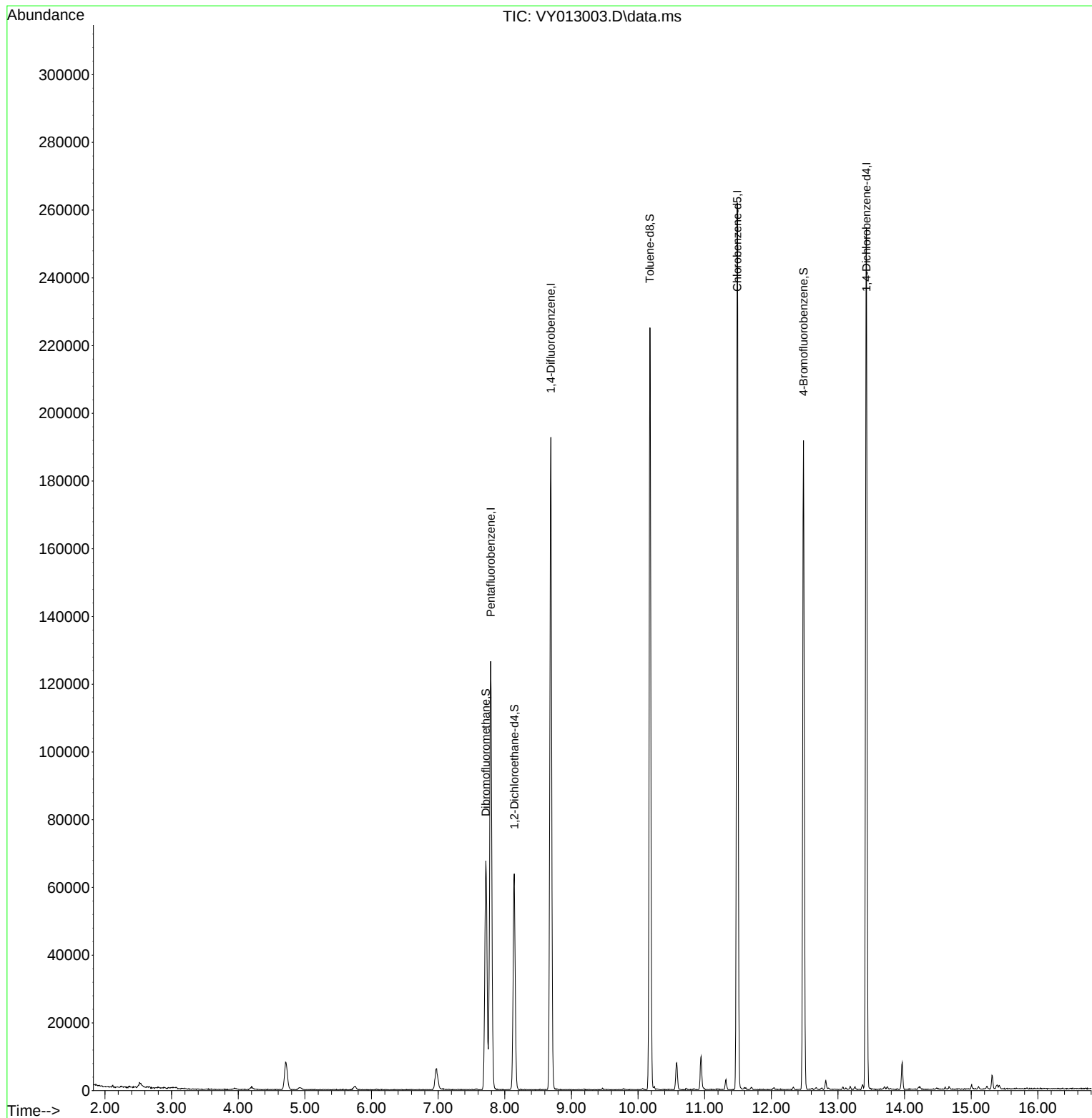
Target Compounds	Qvalue

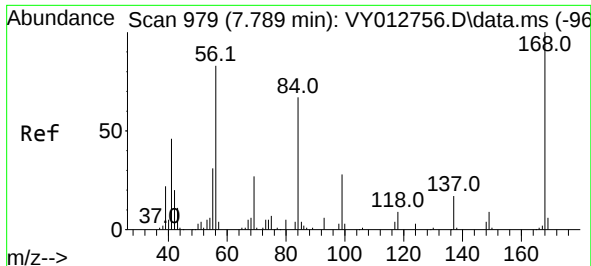
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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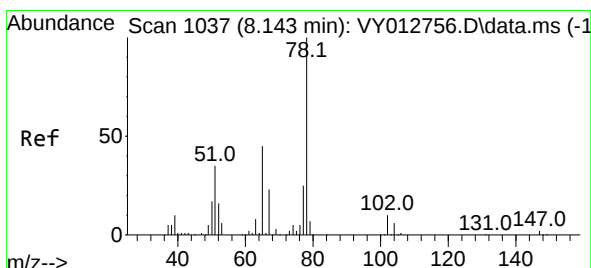
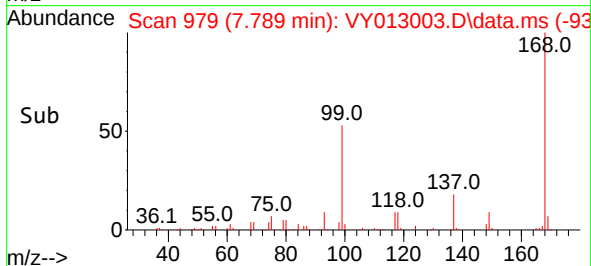
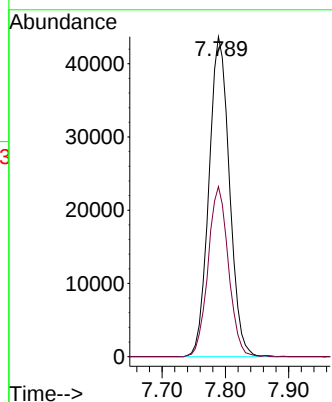
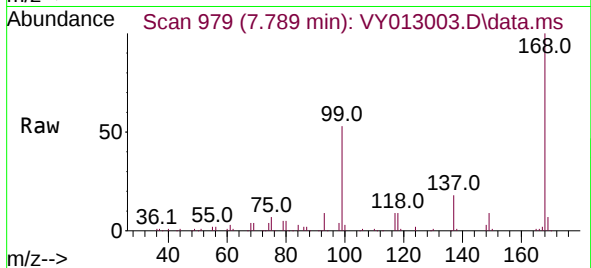




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013003.D
Acq: 20 Mar 2023 12:42

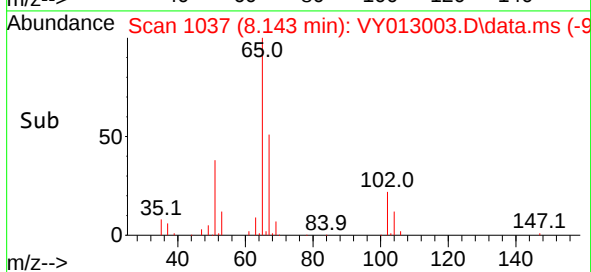
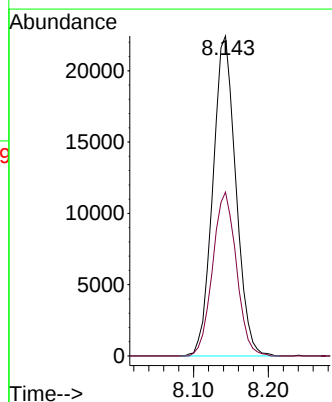
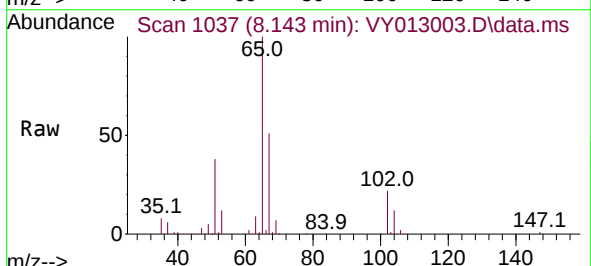
Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

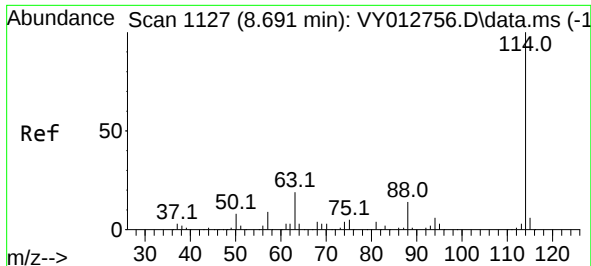
Tgt Ion:168 Resp: 98502
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 49.089 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013003.D
Acq: 20 Mar 2023 12:42

Tgt Ion: 65 Resp: 48009
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013003.D

Acq: 20 Mar 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

VY0320SBL01

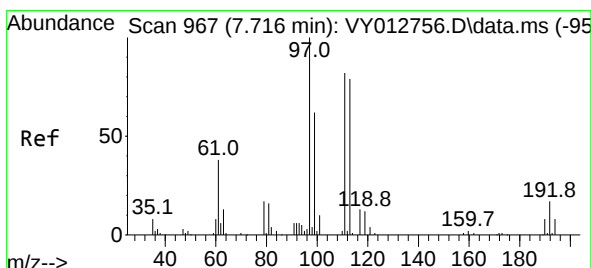
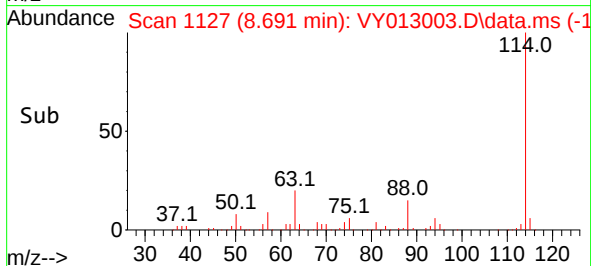
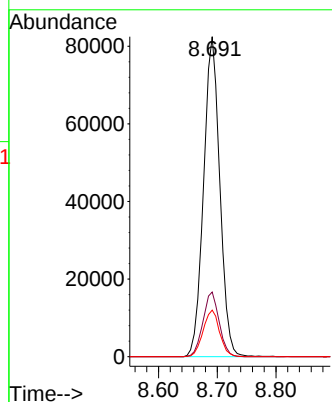
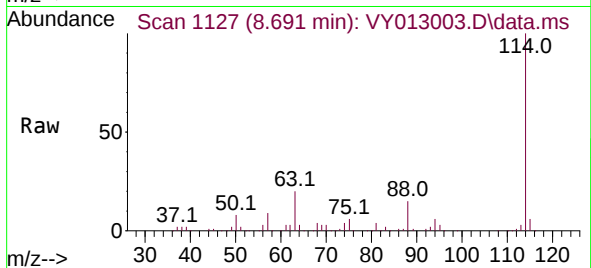
Tgt Ion:114 Resp: 158232

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 49.707 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY013003.D

Acq: 20 Mar 2023 12:42

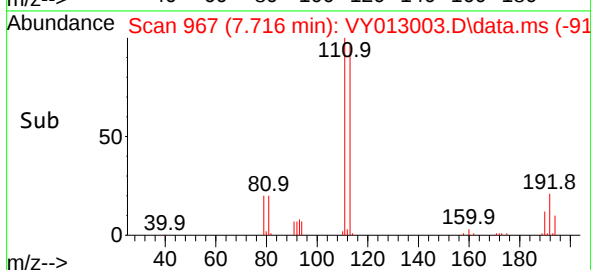
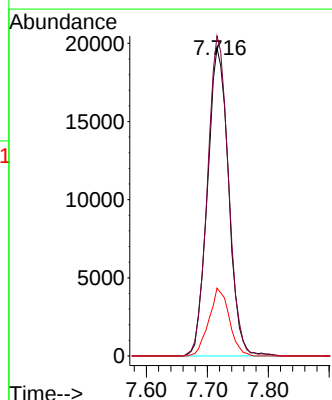
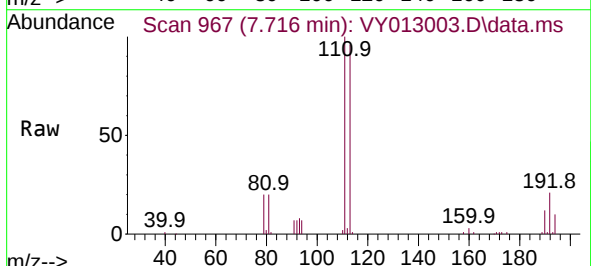
Tgt Ion:113 Resp: 47467

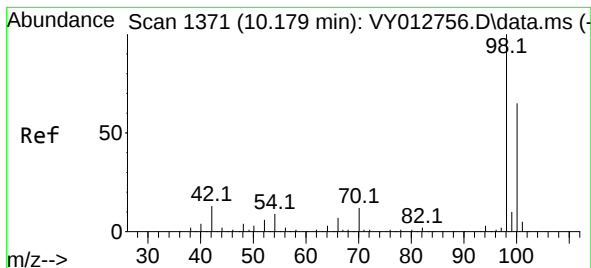
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 21.2 16.8 25.2





#50

Toluene-d8

Concen: 41.722 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013003.D

Acq: 20 Mar 2023 12:42

Instrument :

MSVOA_Y

ClientSampleId :

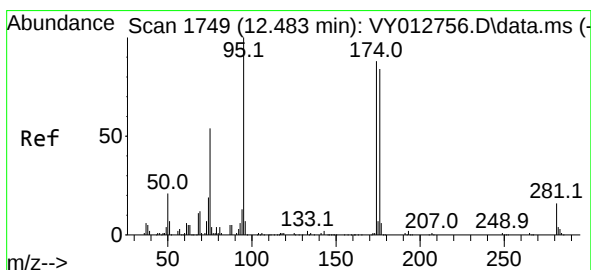
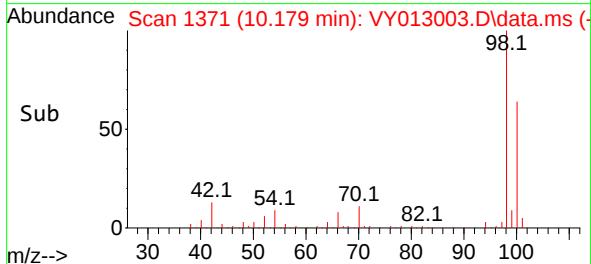
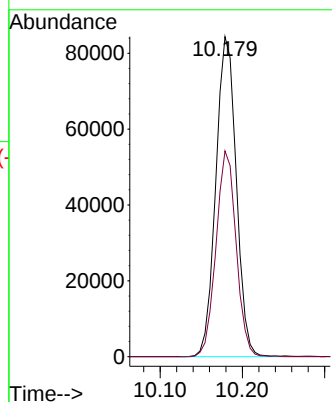
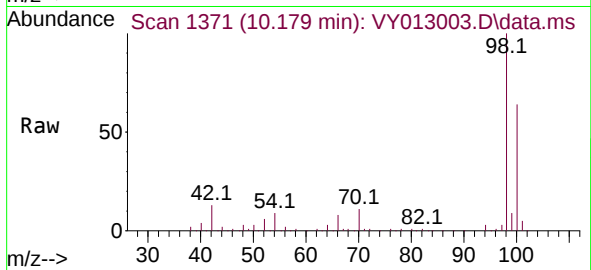
VY0320SBL01

Tgt Ion: 98 Resp: 145652

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 42.749 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013003.D

Acq: 20 Mar 2023 12:42

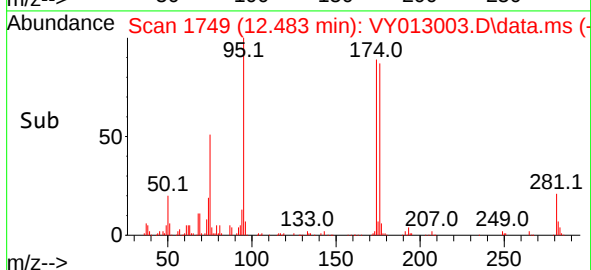
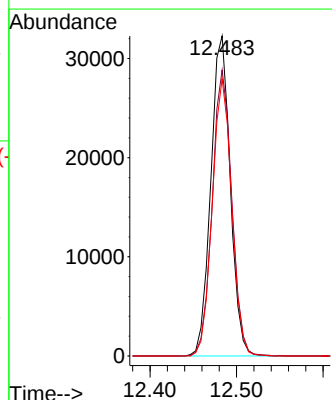
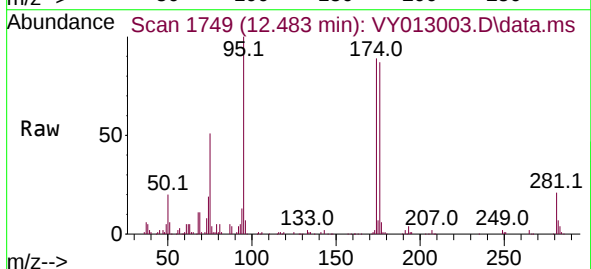
Tgt Ion: 95 Resp: 50371

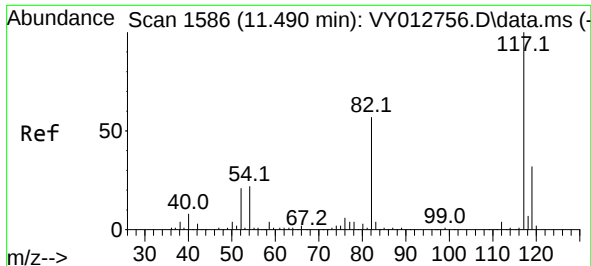
Ion Ratio Lower Upper

95 100

174 89.5 0.0 176.6

176 86.3 0.0 170.2

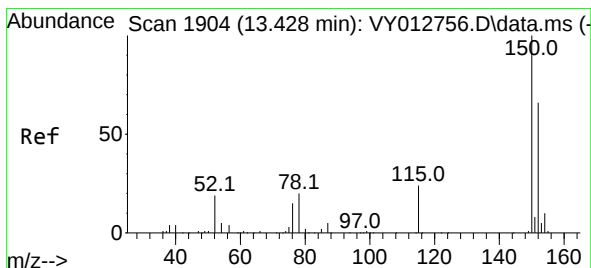
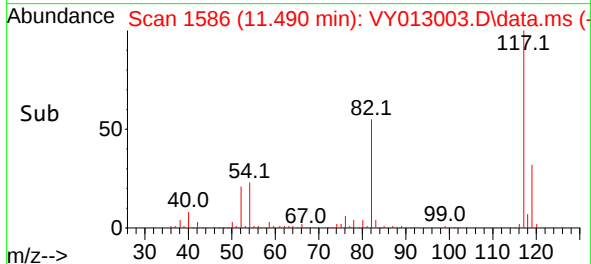
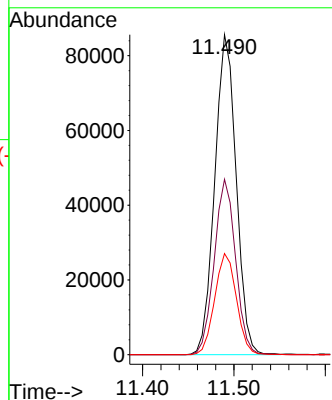
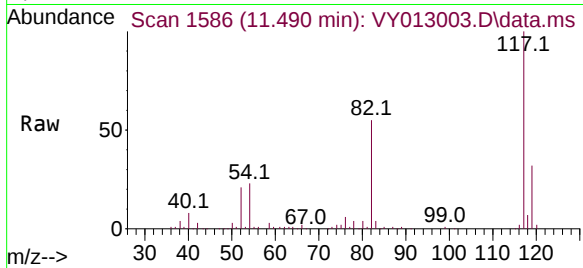




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013003.D
Acq: 20 Mar 2023 12:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0320SBL01

Tgt Ion:117 Resp: 139499
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 31.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY013003.D
Acq: 20 Mar 2023 12:42

Tgt Ion:152 Resp: 66627
Ion Ratio Lower Upper
152 100
115 55.0 27.1 81.3
150 156.0 0.0 347.8

