

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013071.D
 Acq On : 24 Mar 2023 12:13
 Operator : KP/MD
 Sample : VY0324SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0324SBL01

Quant Time: Mar 25 03:30:35 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	89832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	150898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	138107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55711	62.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.920%
35) Dibromofluoromethane	7.716	113	50822	55.807	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.620%
50) Toluene-d8	10.179	98	180839	54.319	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.640%
62) 4-Bromofluorobenzene	12.483	95	53105	47.259	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.520%

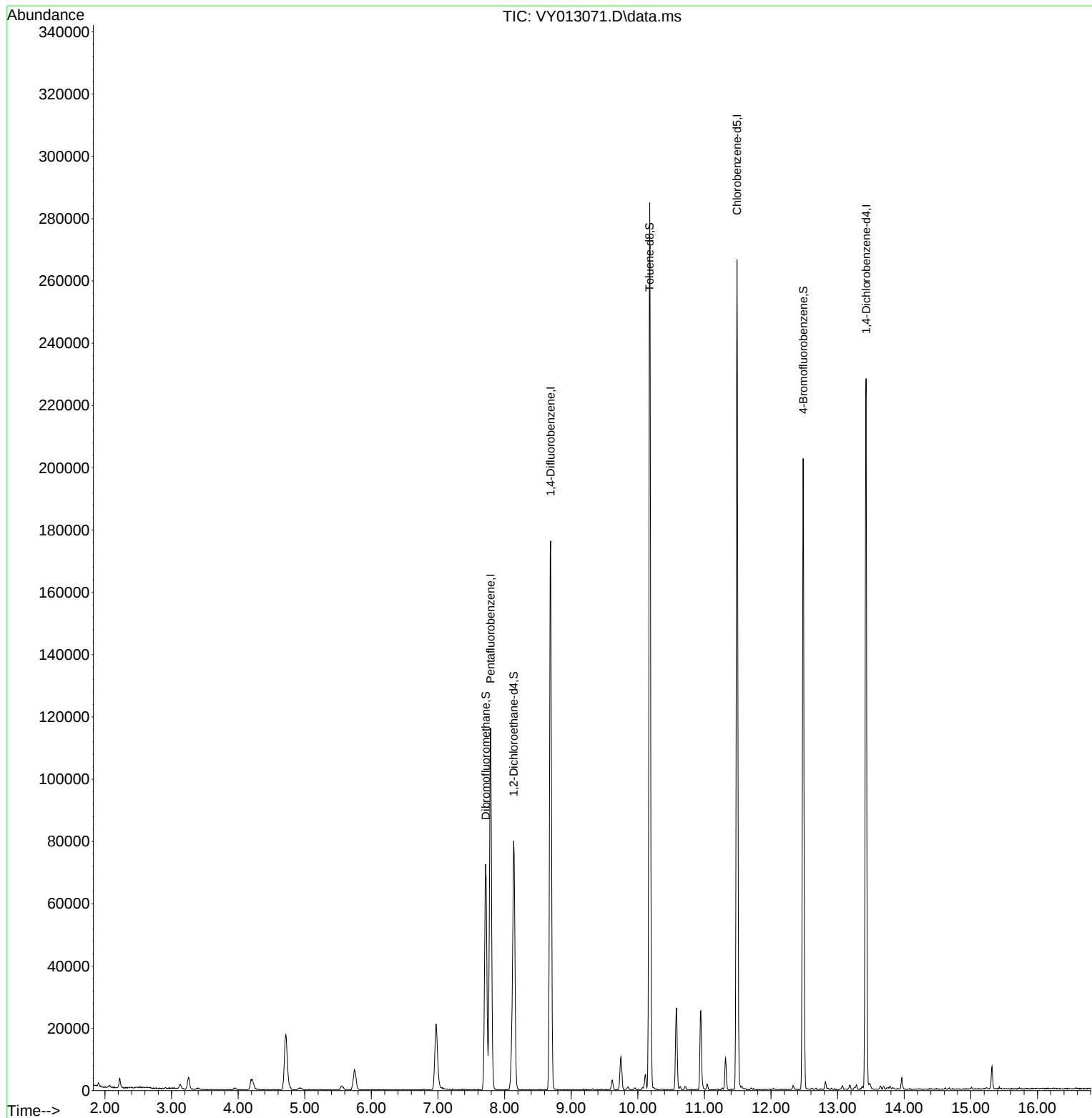
Target Compounds	Qvalue

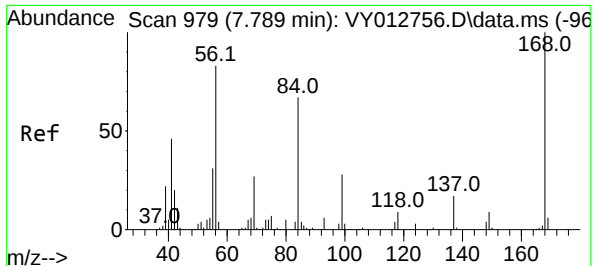
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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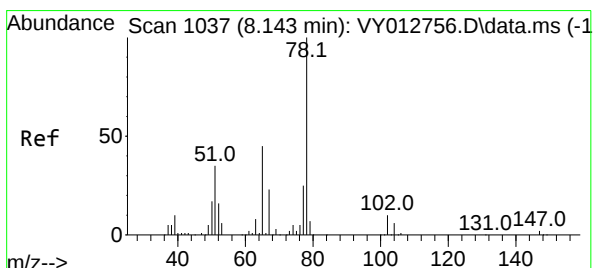
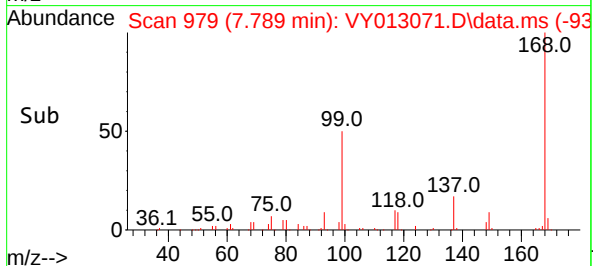
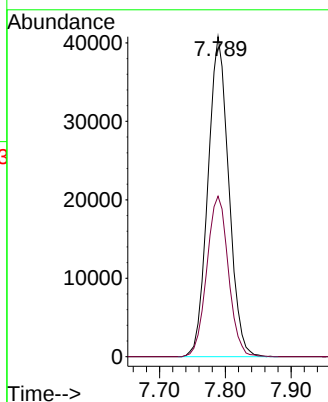
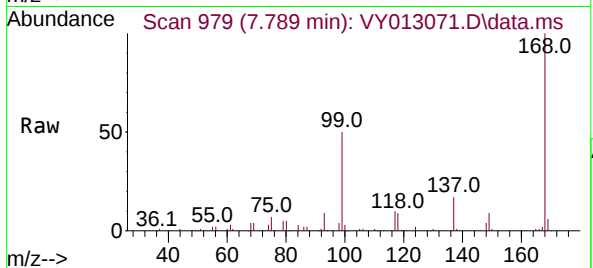




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

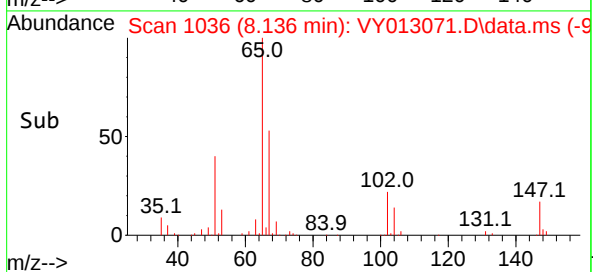
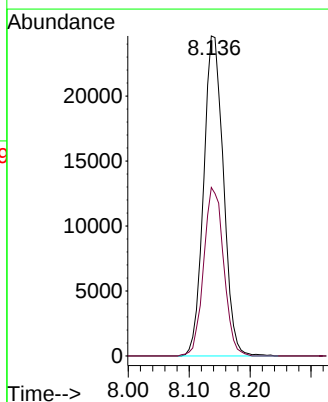
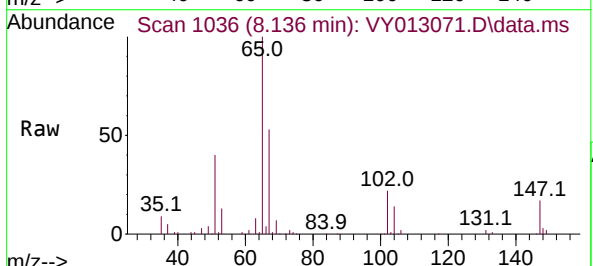
Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

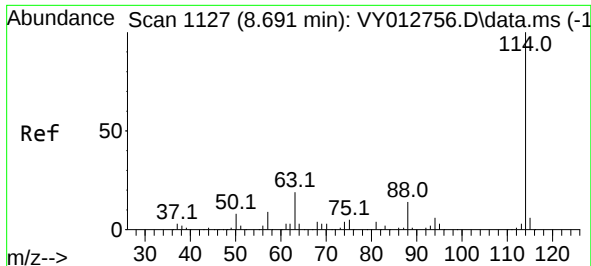
Tgt Ion:168 Resp: 89832
Ion Ratio Lower Upper
168 100
99 50.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 62.462 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

Tgt Ion: 65 Resp: 55711
Ion Ratio Lower Upper
65 100
67 53.2 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: VY013071.D

Acq: 24 Mar 2023 12:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0324SBL01

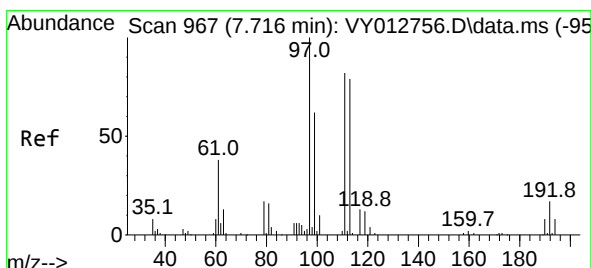
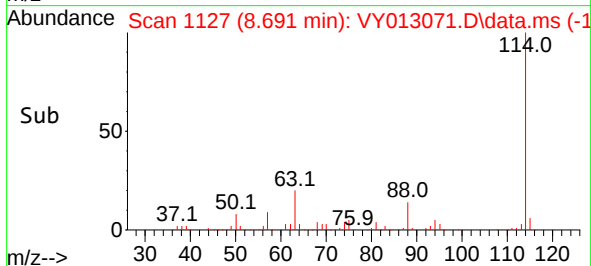
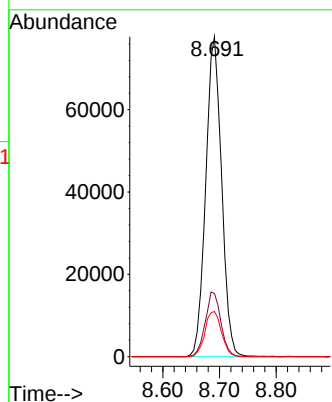
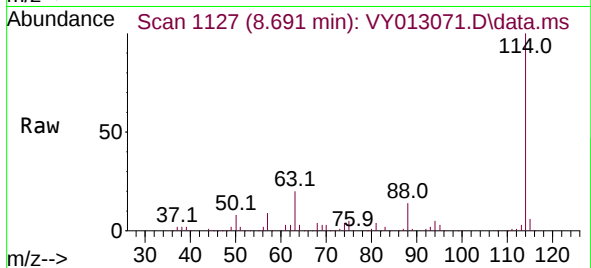
Tgt Ion:114 Resp: 150898

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.807 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013071.D

Acq: 24 Mar 2023 12:13

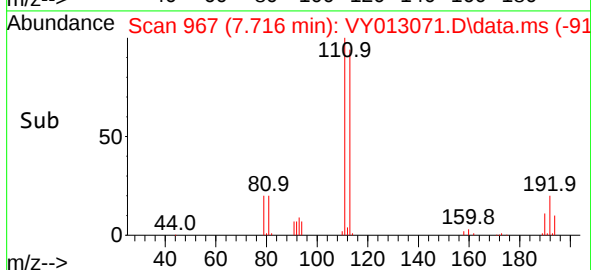
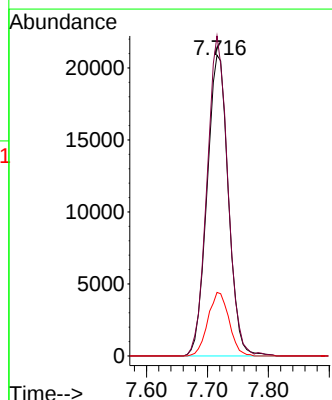
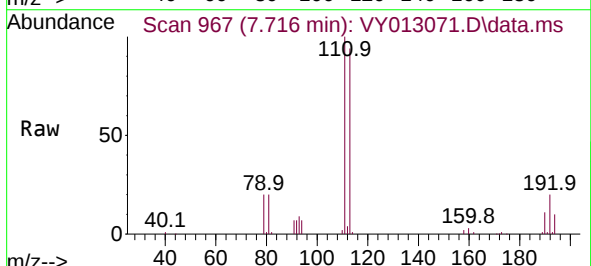
Tgt Ion:113 Resp: 50822

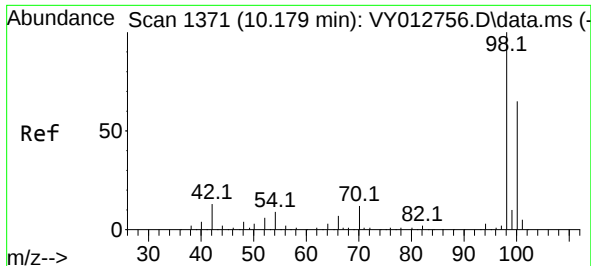
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

192 20.9 16.8 25.2

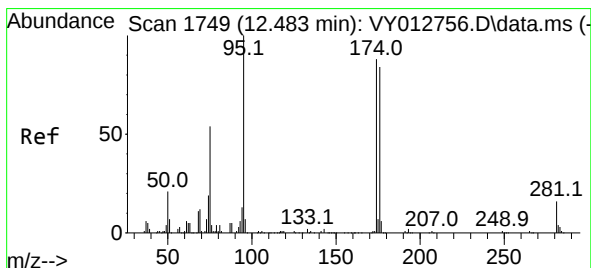
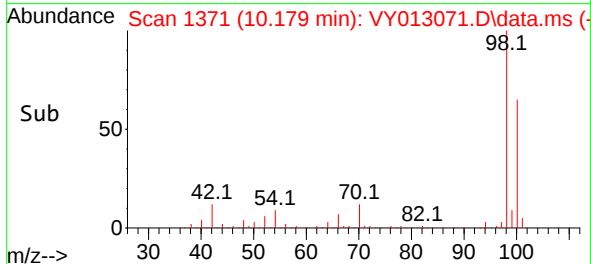
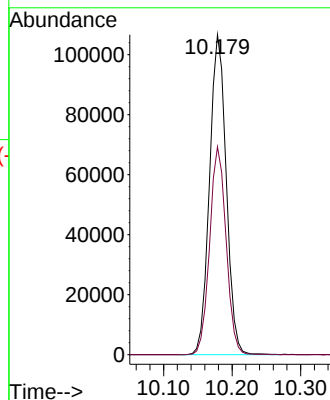
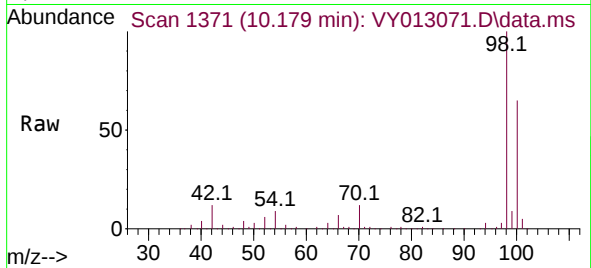




#50
Toluene-d8
Concen: 54.319 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

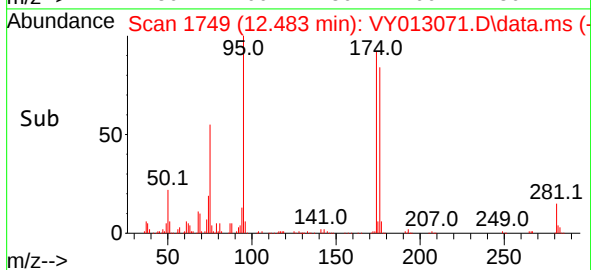
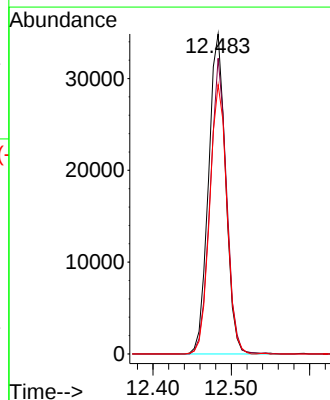
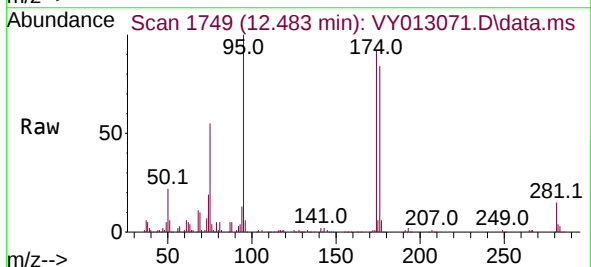
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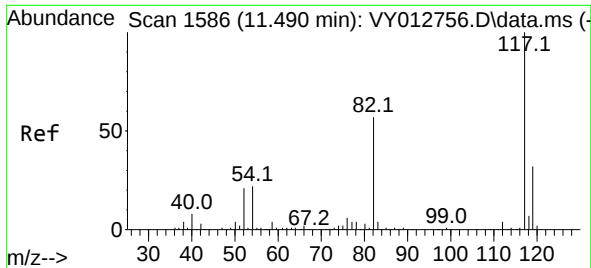
Tgt Ion: 98 Resp: 180839
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.259 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

Tgt Ion: 95 Resp: 53105
Ion Ratio Lower Upper
95 100
174 88.6 0.0 176.6
176 84.1 0.0 170.2

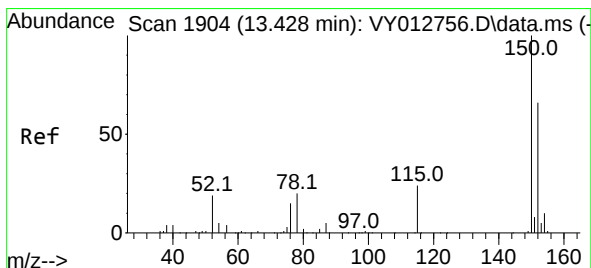
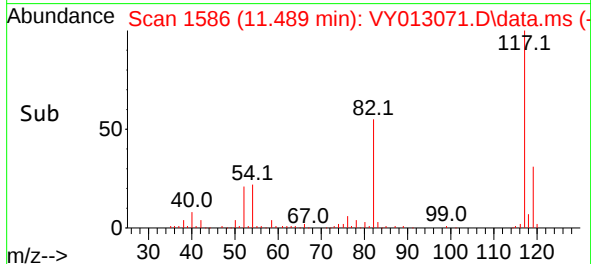
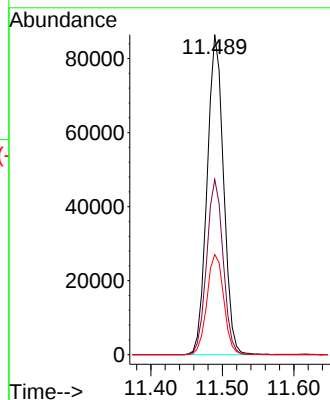
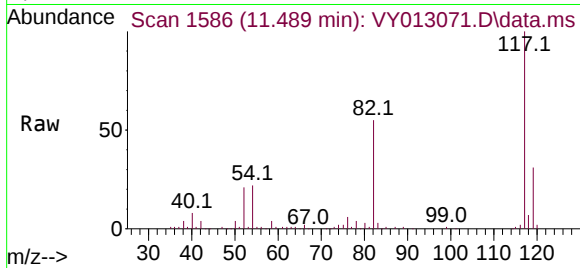




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013071.D
Acq: 24 Mar 2023 12:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Tgt Ion:117 Resp: 138107
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 31.3 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: VY013071.D
Acq: 24 Mar 2023 12:13

Tgt Ion:152 Resp: 58358
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 154.3 0.0 347.8

