

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013362.D
 Acq On : 20 Apr 2023 11:53
 Operator : KP/MD
 Sample : VY0420SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0420SBL01

Quant Time: Apr 21 02:13:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	233409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	354179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	265183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133842	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	129709	46.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.480%
35) Dibromofluoromethane	7.716	113	121417	52.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.900%
50) Toluene-d8	10.179	98	372659	43.664	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.320%
62) 4-Bromofluorobenzene	12.483	95	129351	46.646	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.300%

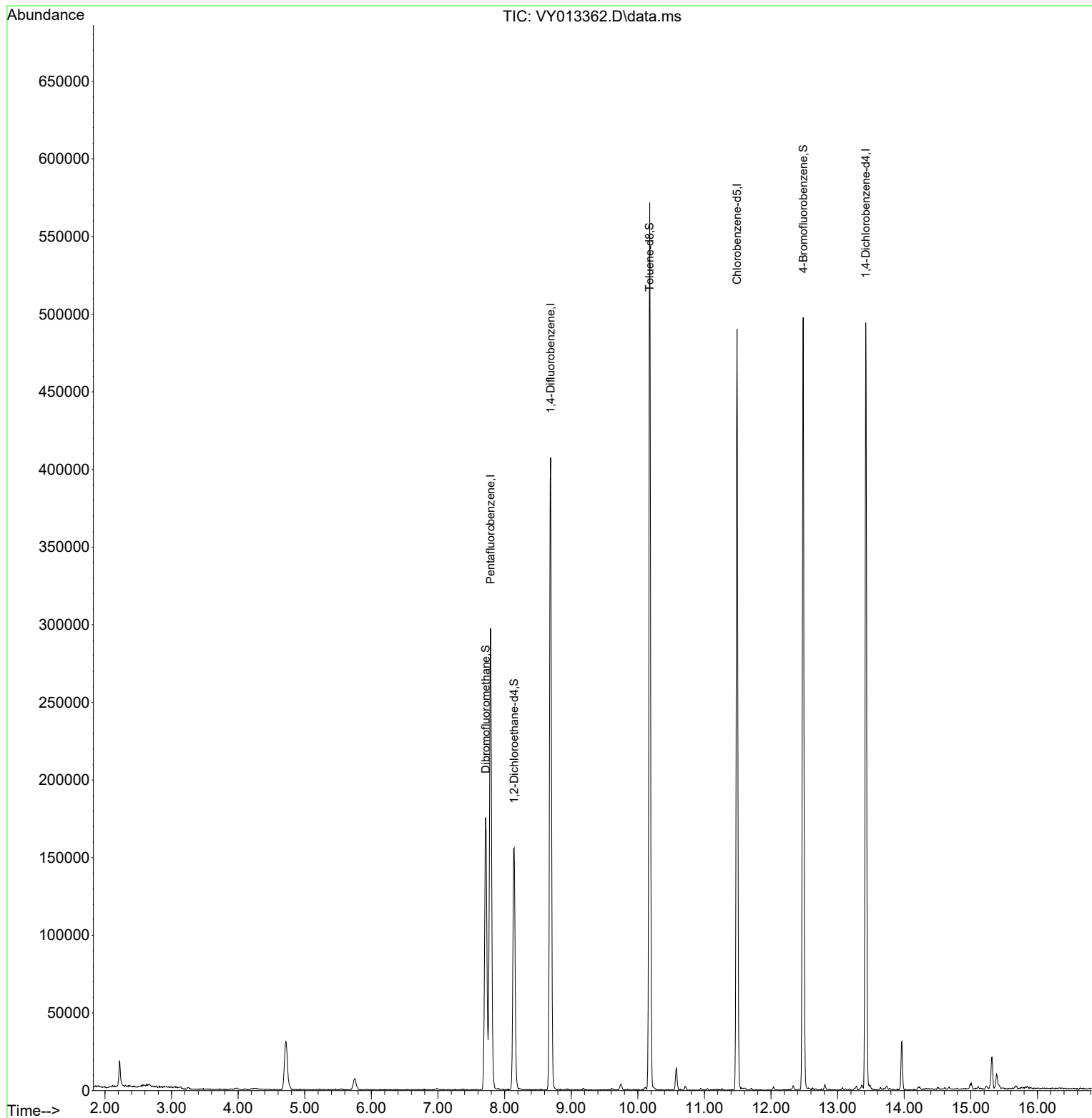
Target Compounds	Qvalue

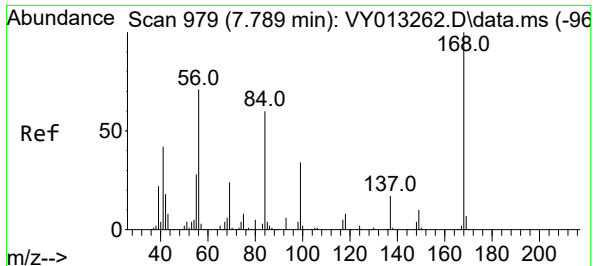
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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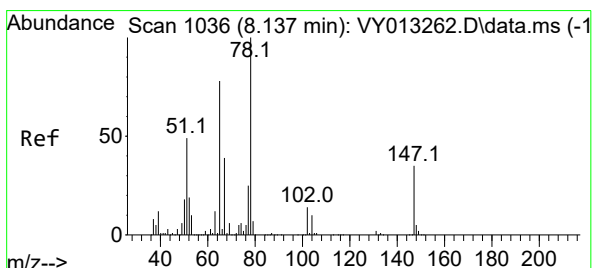
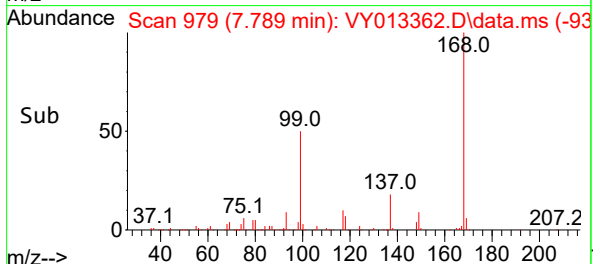
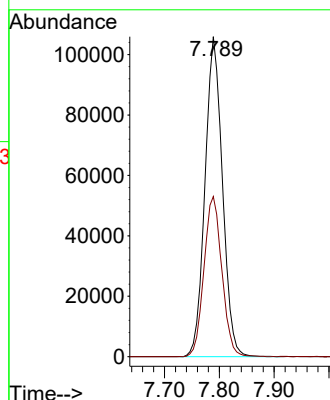
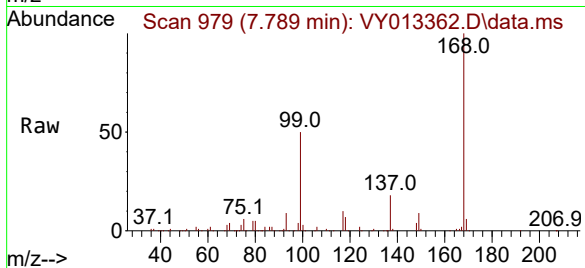




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

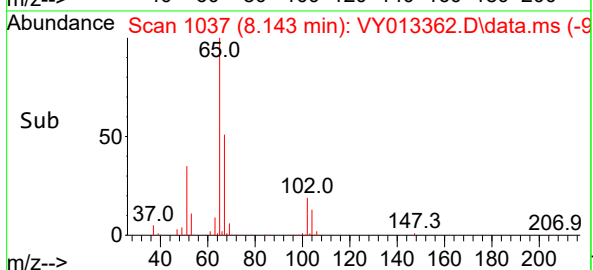
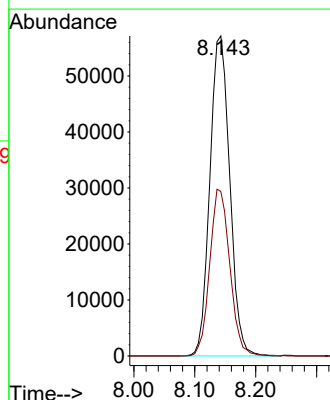
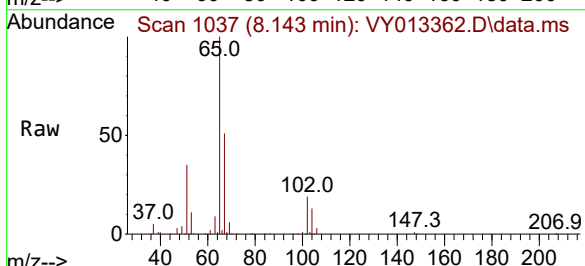
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBL01

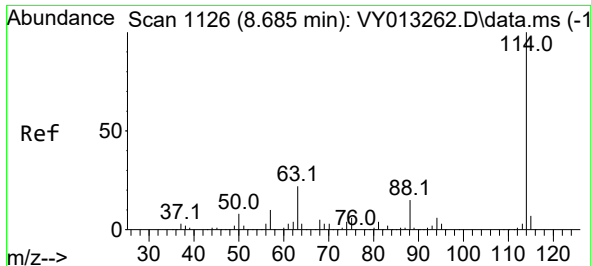
Tgt Ion:168 Resp: 233409
Ion Ratio Lower Upper
168 100
99 50.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 46.241 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

Tgt Ion: 65 Resp: 129709
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013362.D

Acq: 20 Apr 2023 11:53

Instrument :

MSVOA_Y

ClientSampleId :

VY0420SBL01

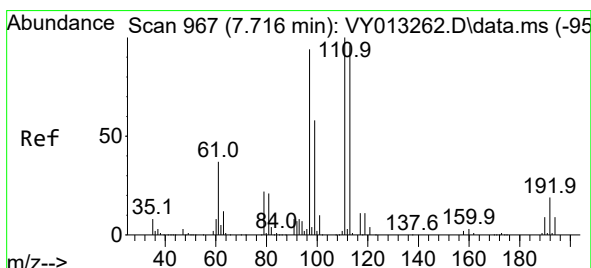
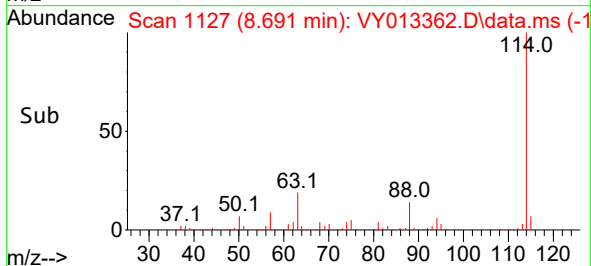
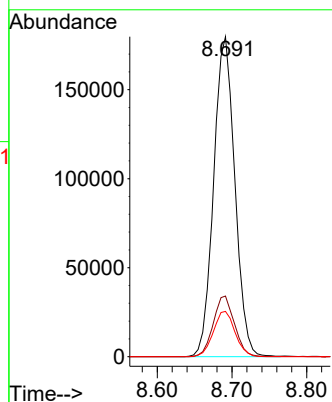
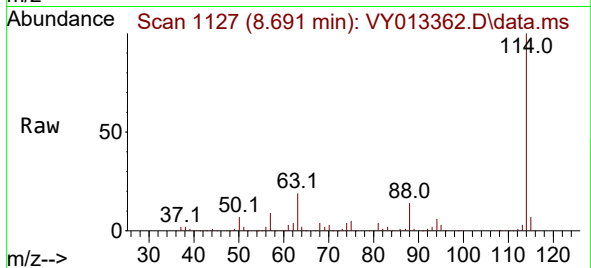
Tgt Ion:114 Resp: 354179

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 52.953 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013362.D

Acq: 20 Apr 2023 11:53

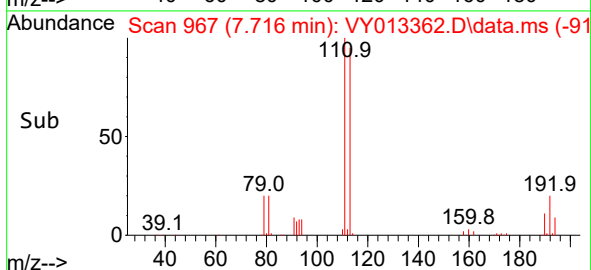
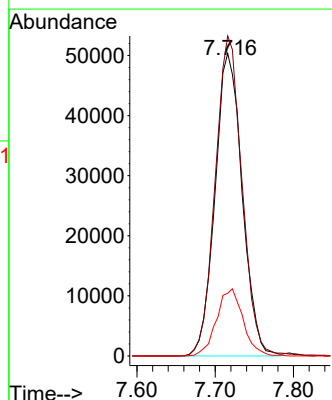
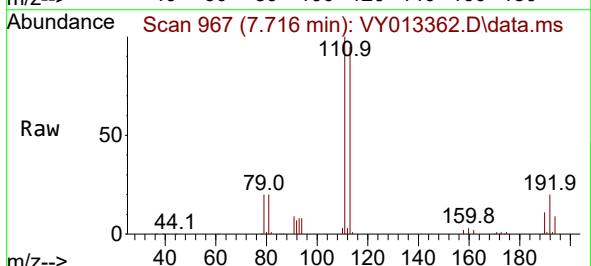
Tgt Ion:113 Resp: 121417

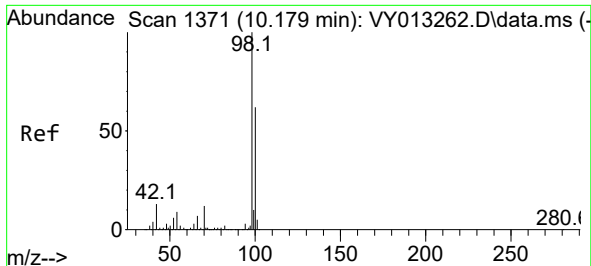
Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.2

192 21.7 16.8 25.2

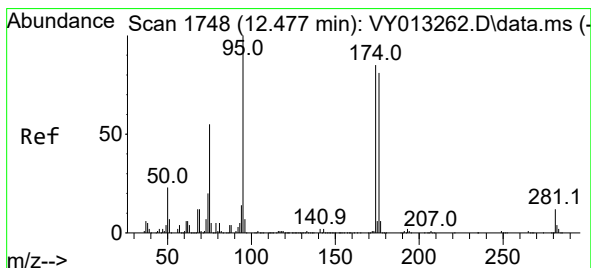
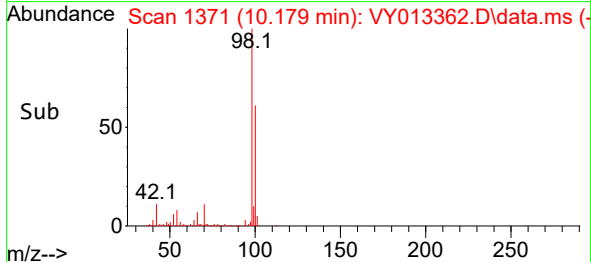
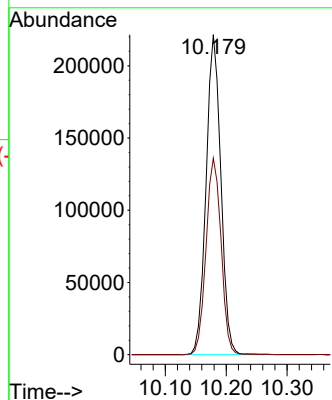
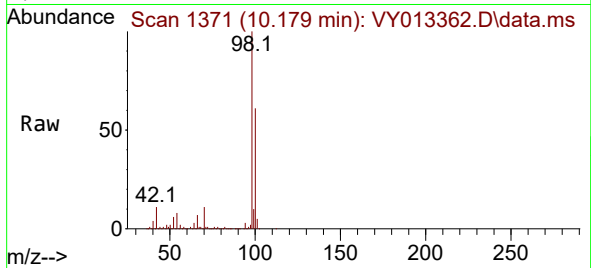




#50
Toluene-d8
Concen: 43.664 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

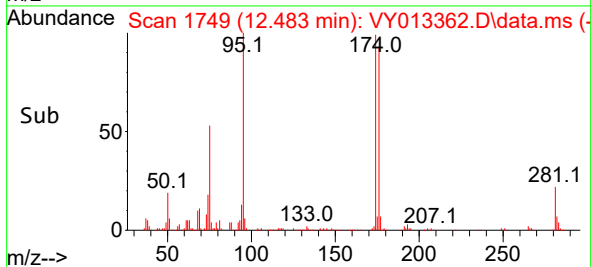
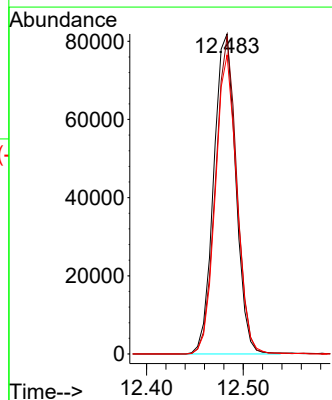
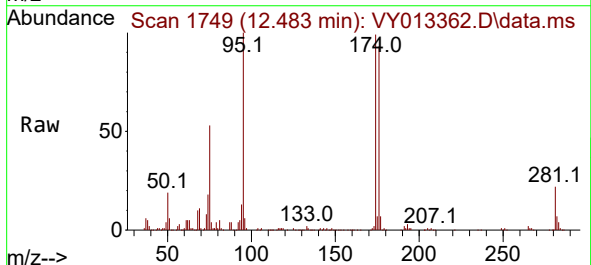
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBL01

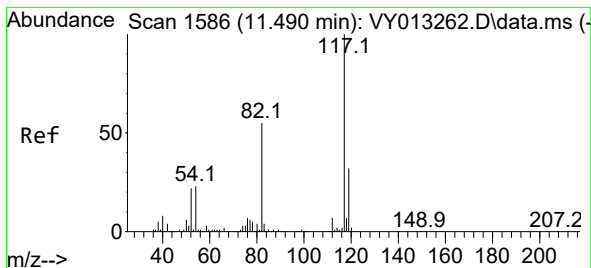
Tgt Ion: 98 Resp: 372659
Ion Ratio Lower Upper
98 100
100 62.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.646 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

Tgt Ion: 95 Resp: 129351
Ion Ratio Lower Upper
95 100
174 96.1 0.0 176.6
176 91.3 0.0 170.2

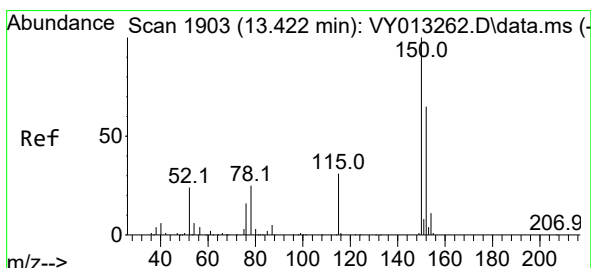
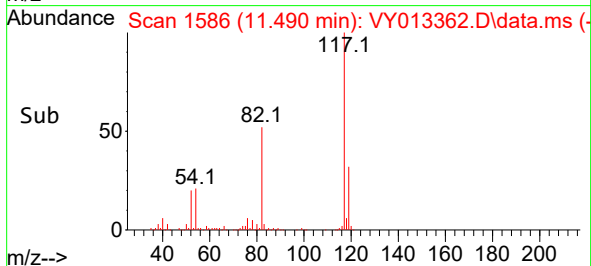
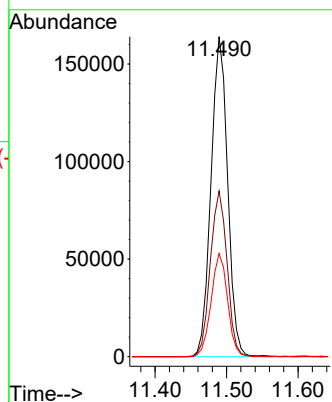
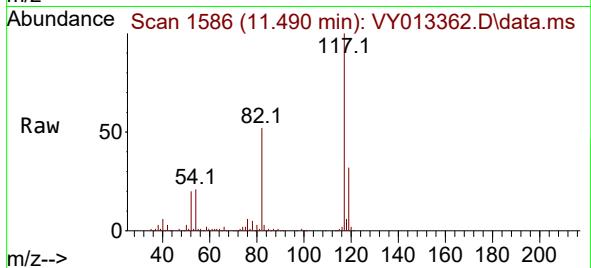




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBL01

Tgt Ion:117 Resp: 265183
Ion Ratio Lower Upper
117 100
82 51.7 45.4 68.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013362.D
Acq: 20 Apr 2023 11:53

Tgt Ion:152 Resp: 133842
Ion Ratio Lower Upper
152 100
115 53.7 27.1 81.3
150 157.0 0.0 347.8

