

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
 Data File : VY013093.D
 Acq On : 27 Mar 2023 15:44
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 28 01:44:38 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	84693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	142634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	133157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	60623	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	51977	61.812	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.620%
35) Dibromofluoromethane	7.716	113	49304	57.277	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.560%
50) Toluene-d8	10.179	98	173283	55.065	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.120%
62) 4-Bromofluorobenzene	12.477	95	52102	49.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.100%

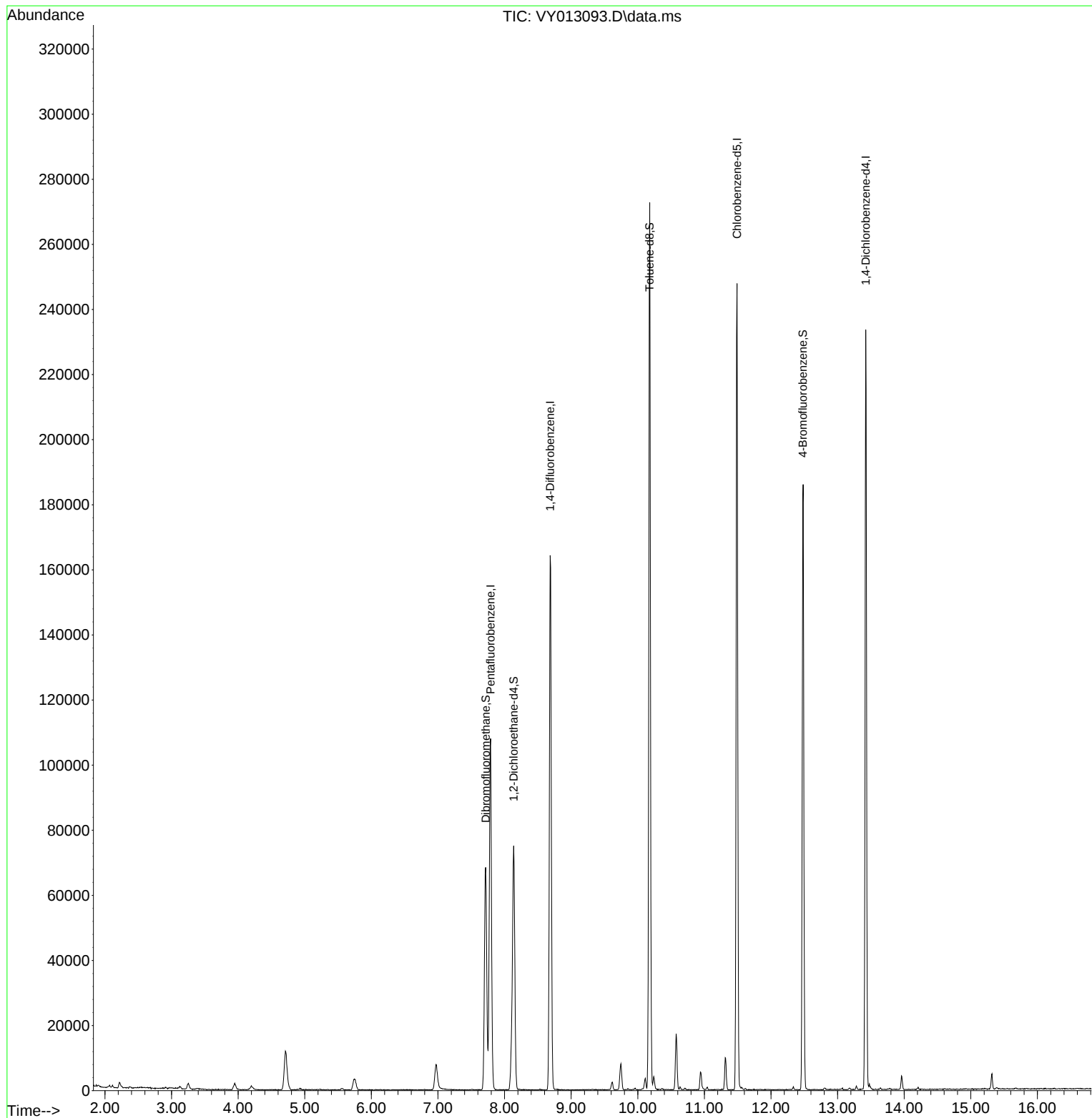
Target Compounds	Qvalue

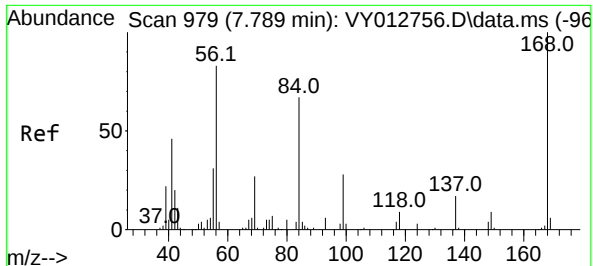
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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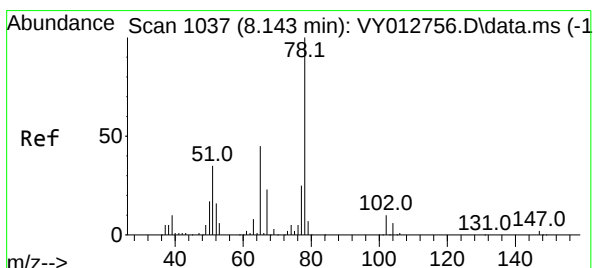
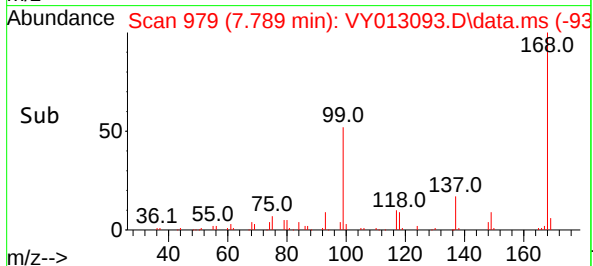
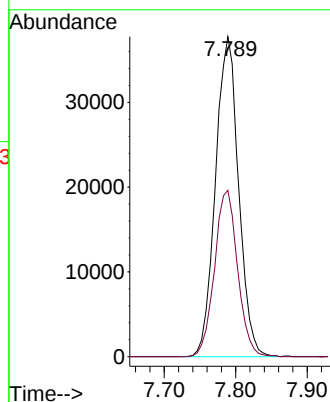
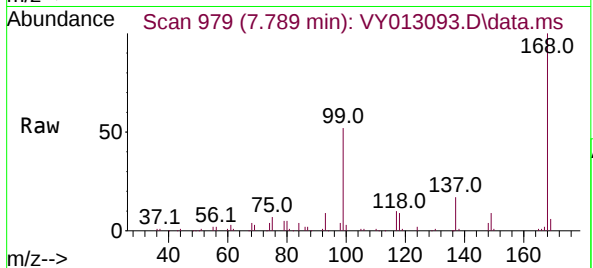




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

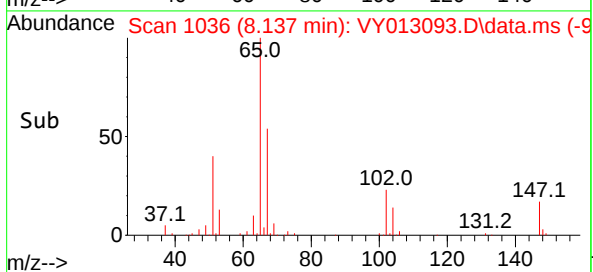
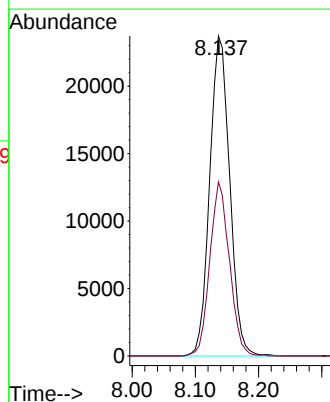
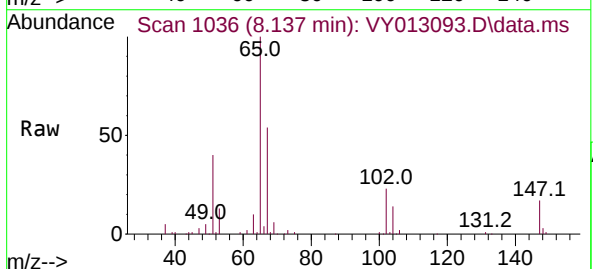
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

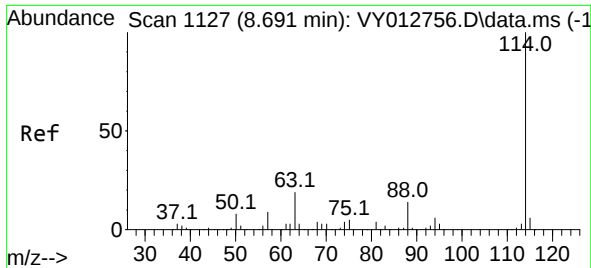
Tgt Ion:168 Resp: 84693
Ion Ratio Lower Upper
168 100
99 52.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 61.812 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

Tgt Ion: 65 Resp: 51977
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013093.D

Acq: 27 Mar 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

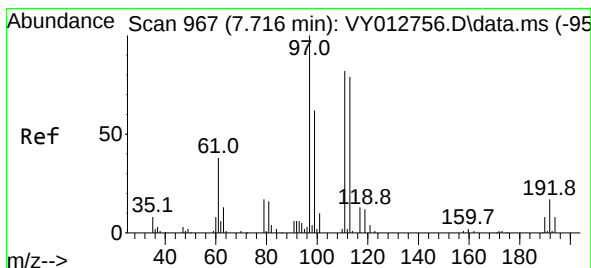
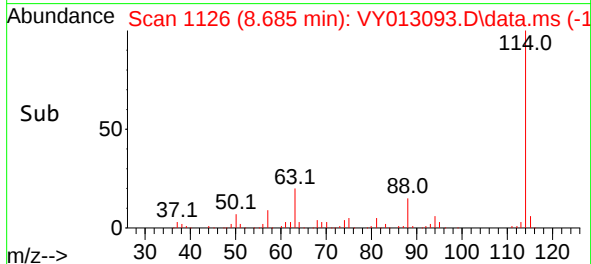
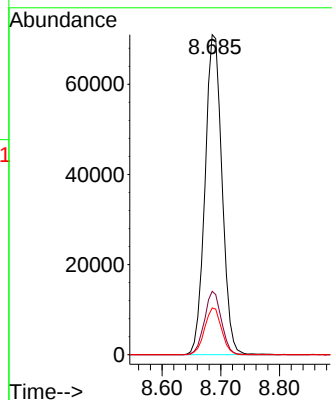
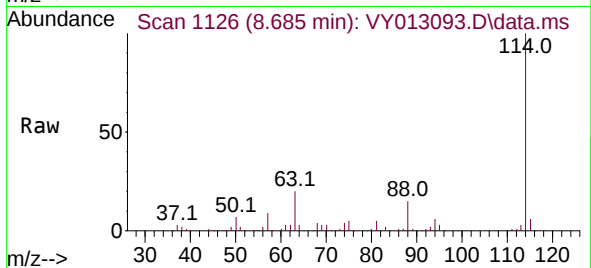
Tgt Ion:114 Resp: 142634

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 14.6 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.277 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY013093.D

Acq: 27 Mar 2023 15:44

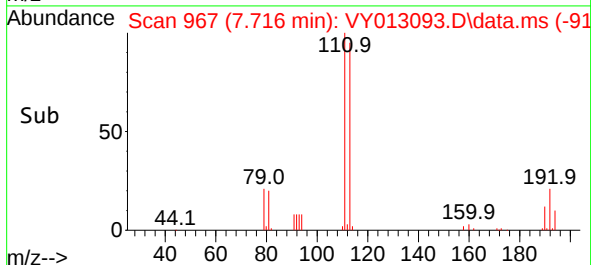
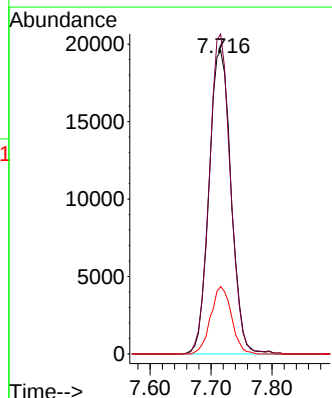
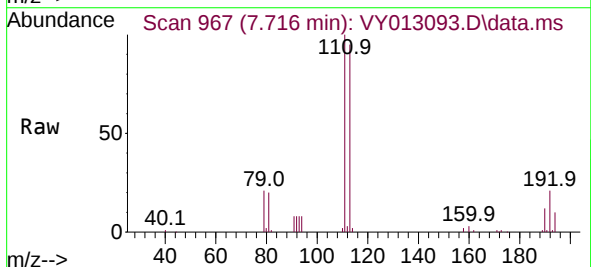
Tgt Ion:113 Resp: 49304

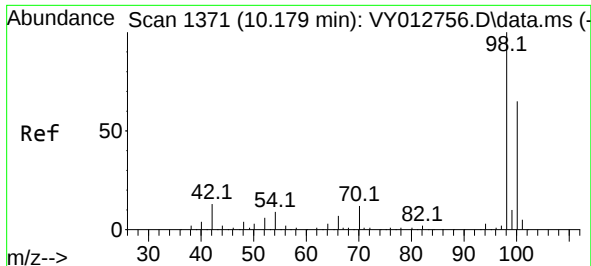
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.2

192 20.9 16.8 25.2

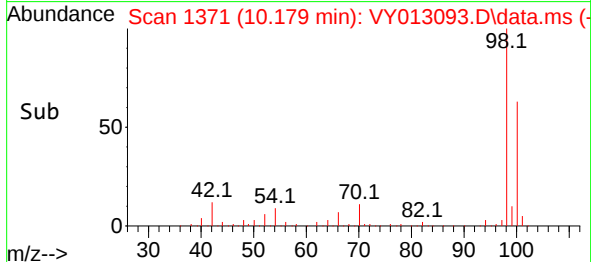
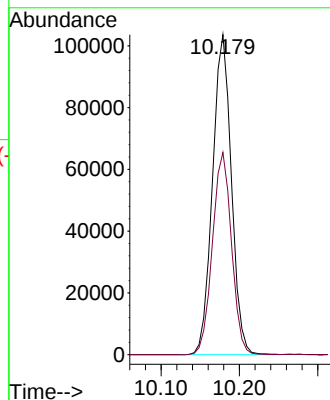
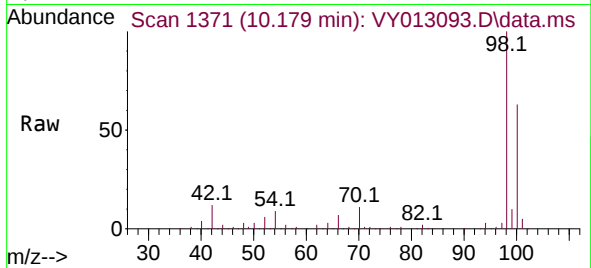




#50
Toluene-d8
Concen: 55.065 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

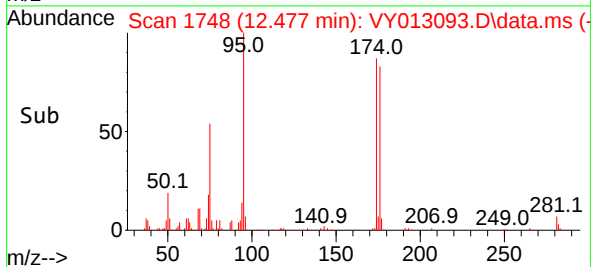
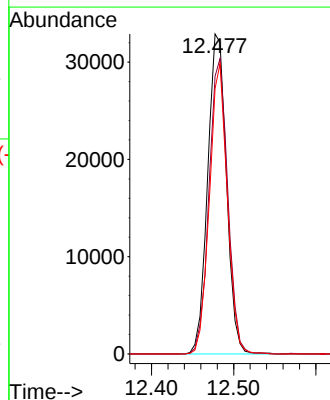
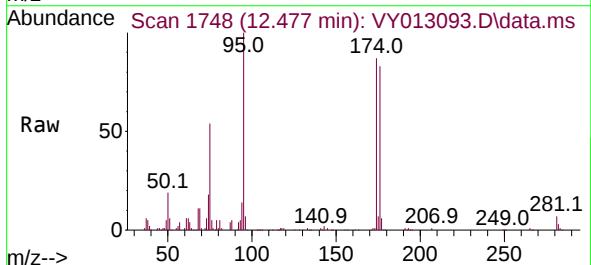
Instrument :
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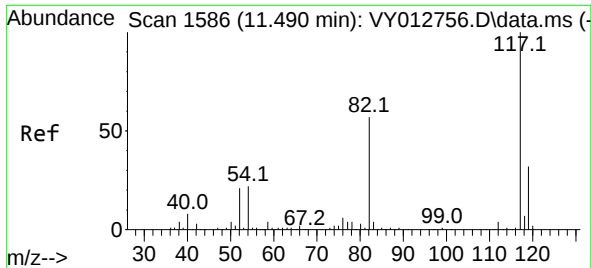
Tgt Ion: 98 Resp: 173283
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.053 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

Tgt Ion: 95 Resp: 52102
Ion Ratio Lower Upper
95 100
174 92.3 0.0 176.6
176 86.6 0.0 170.2

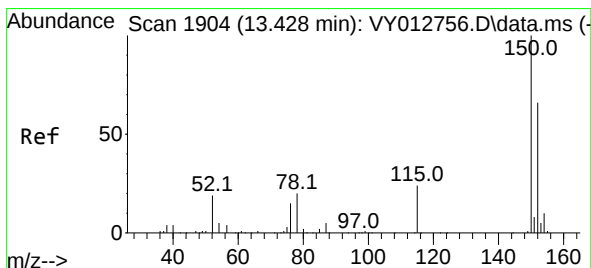
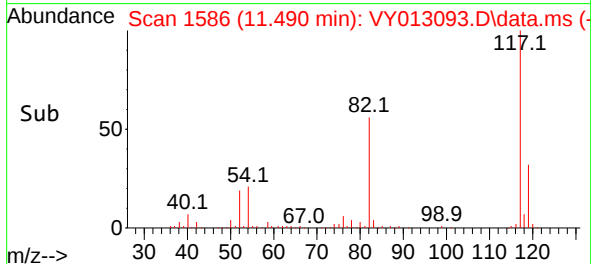
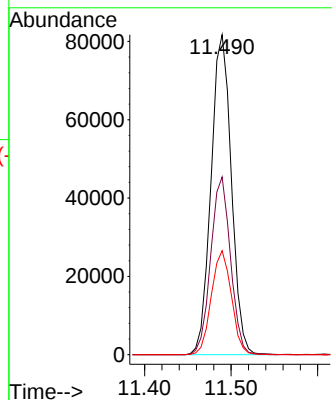
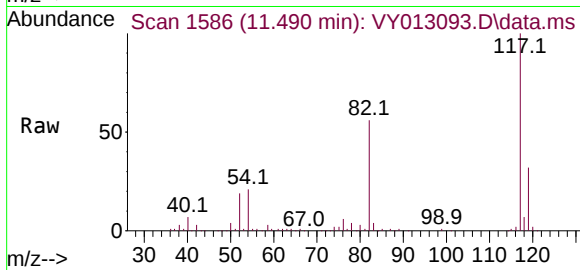




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 133157
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013093.D
Acq: 27 Mar 2023 15:44

Tgt Ion:152 Resp: 60623
Ion Ratio Lower Upper
152 100
115 54.3 27.1 81.3
150 155.9 0.0 347.8

