

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014403.D
 Acq On : 23 Jun 2023 12:38
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jun 23 17:39:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	200369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	306992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	285408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137524	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130261	52.361	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.720%
35) Dibromofluoromethane	7.722	113	96637	50.951	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.900%
50) Toluene-d8	10.185	98	359270	47.652	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.483	95	119931	44.557	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.120%

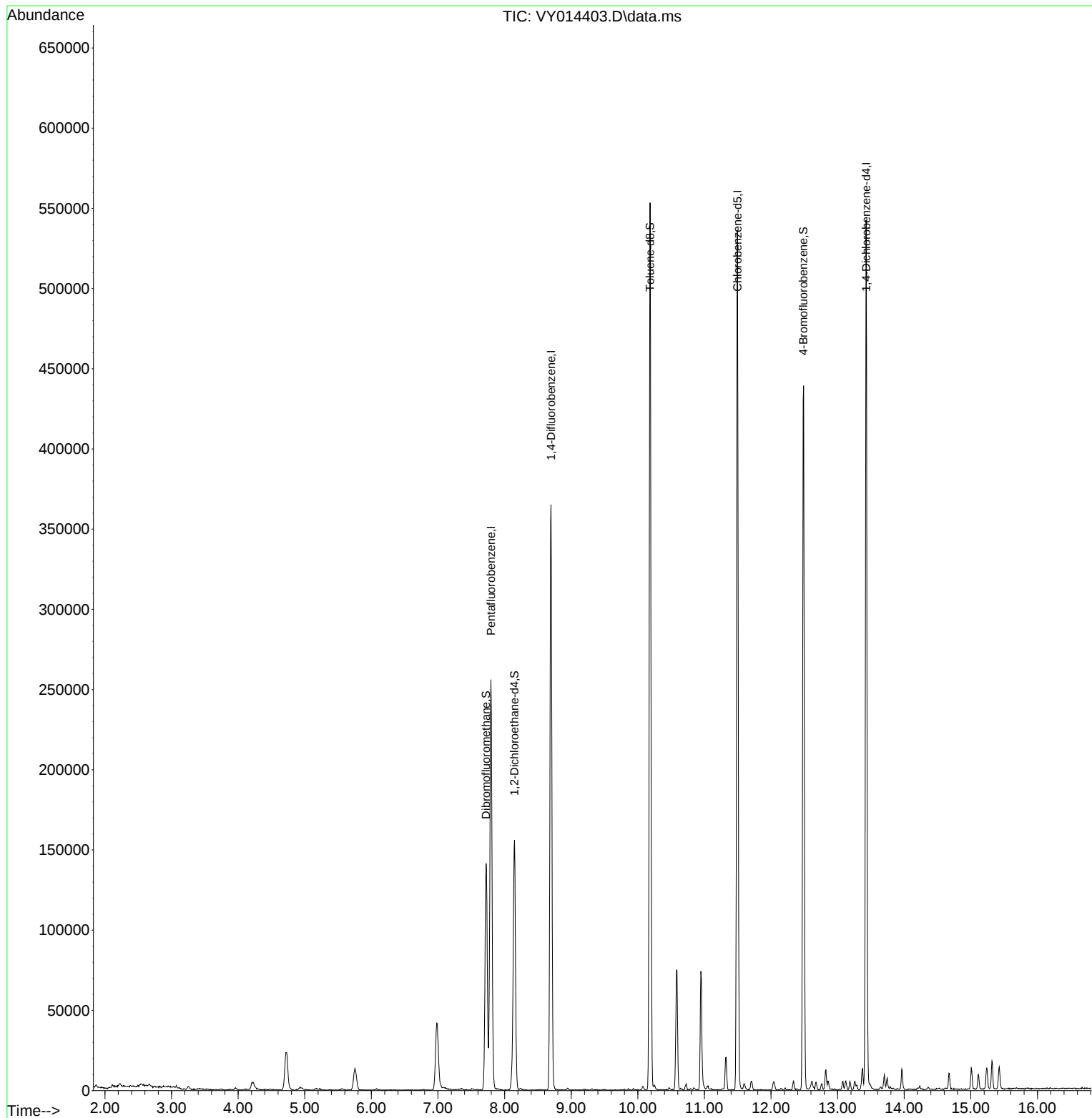
Target Compounds	Qvalue

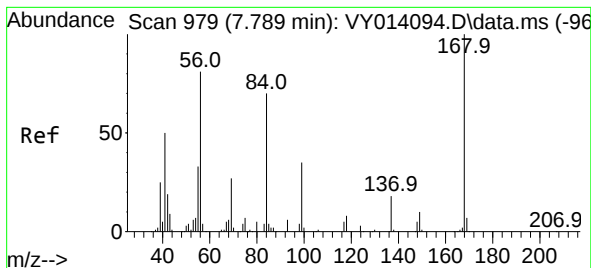
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY014403.D

Acq: 23 Jun 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

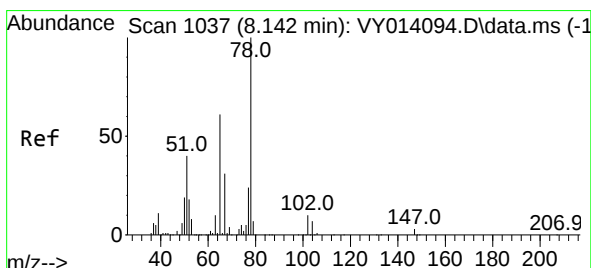
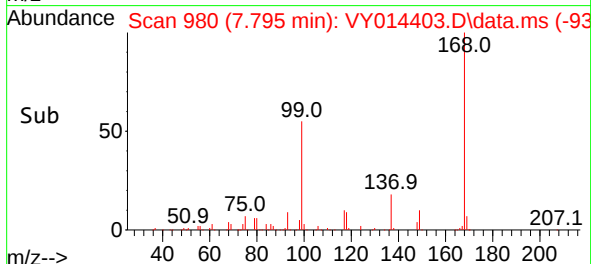
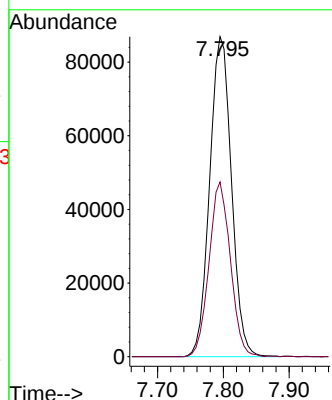
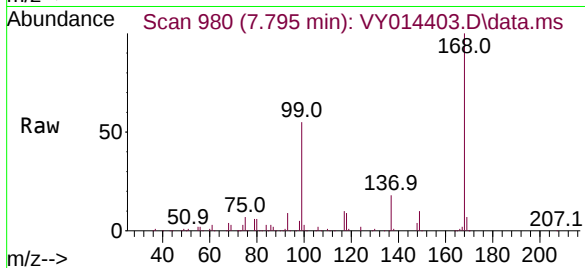
VIBLK

Tgt Ion:168 Resp: 200369

Ion Ratio Lower Upper

168 100

99 54.6 43.4 65.0



#33

1,2-Dichloroethane-d4

Concen: 52.361 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VY014403.D

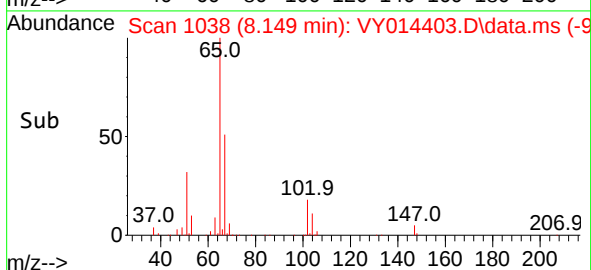
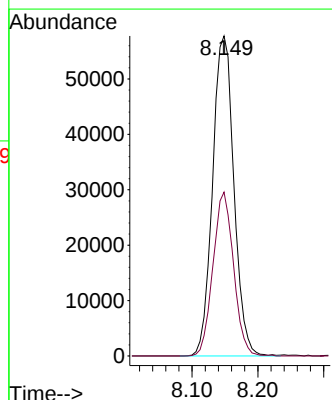
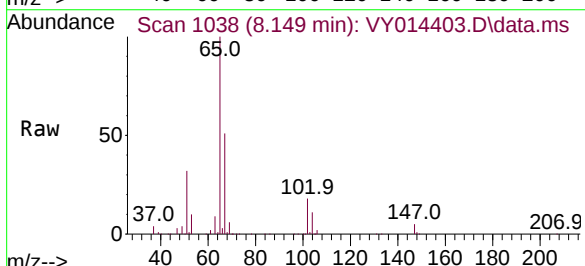
Acq: 23 Jun 2023 12:38

Tgt Ion: 65 Resp: 130261

Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.8

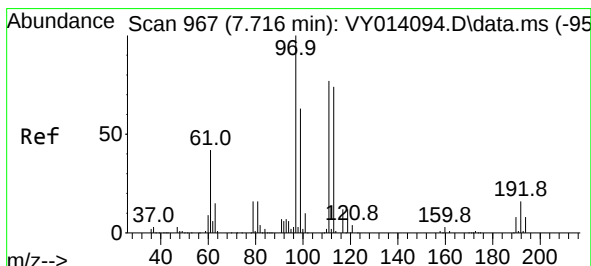
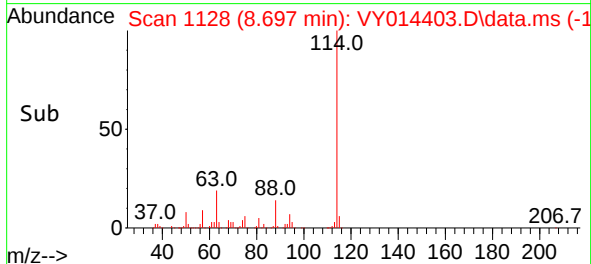
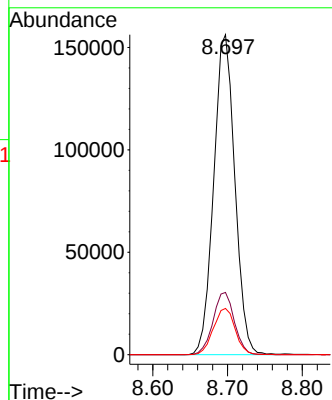
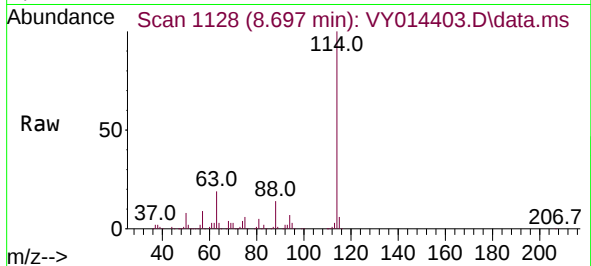




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014403.D
Acq: 23 Jun 2023 12:38

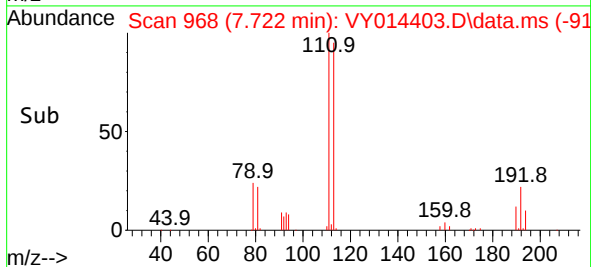
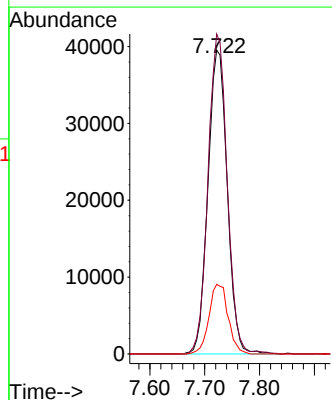
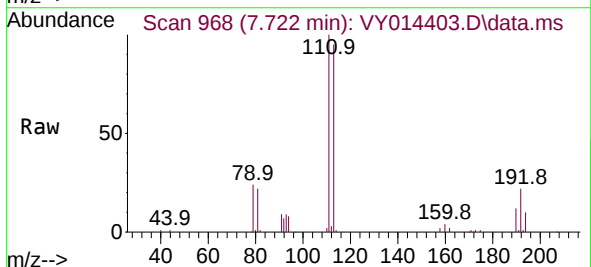
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

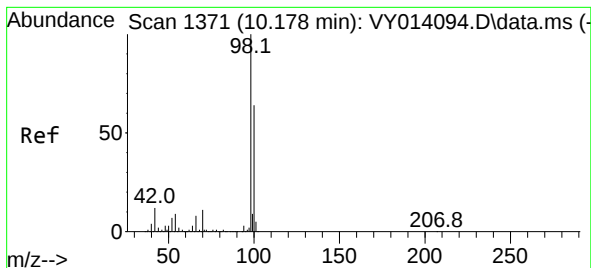
Tgt Ion:114 Resp: 306992
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.951 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014403.D
Acq: 23 Jun 2023 12:38

Tgt Ion:113 Resp: 96637
Ion Ratio Lower Upper
113 100
111 104.5 81.3 121.9
192 22.7 16.9 25.3





#50

Toluene-d8

Concen: 47.652 ug/l

RT: 10.185 min Scan# 1371

Delta R.T. 0.007 min

Lab File: VY014403.D

Acq: 23 Jun 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

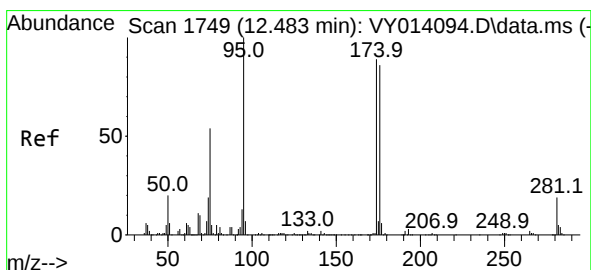
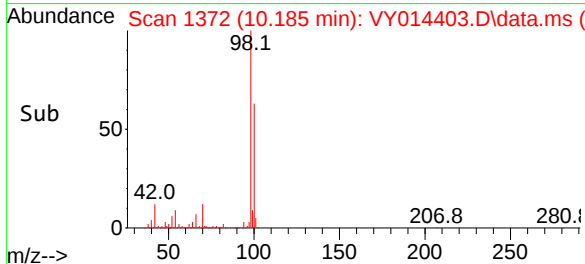
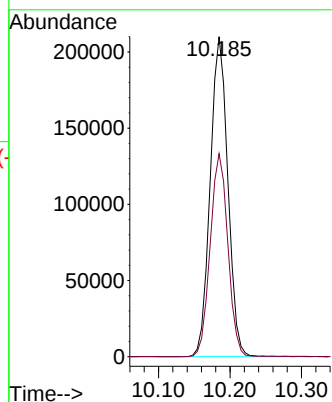
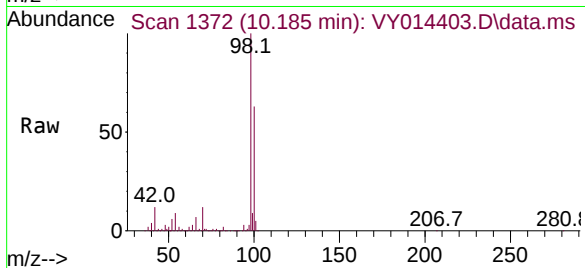
VIBLK

Tgt Ion: 98 Resp: 359270

Ion Ratio Lower Upper

98 100

100 63.6 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 44.557 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014403.D

Acq: 23 Jun 2023 12:38

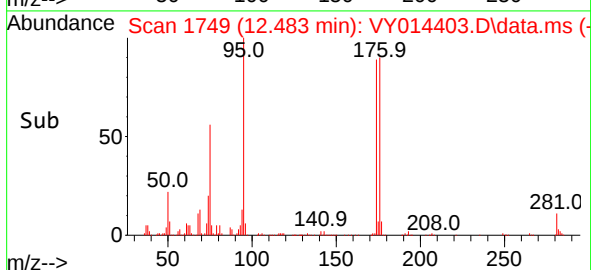
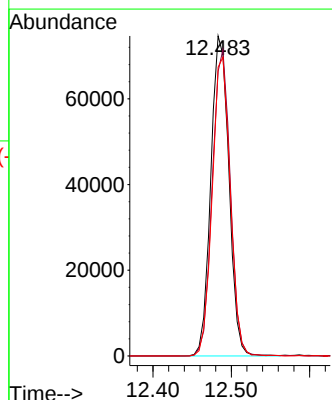
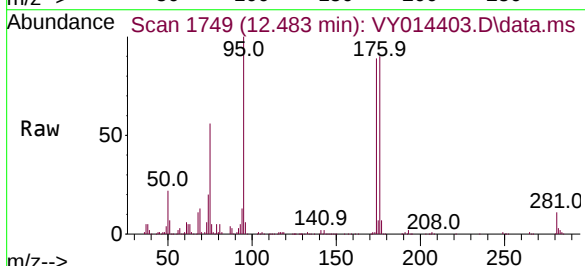
Tgt Ion: 95 Resp: 119931

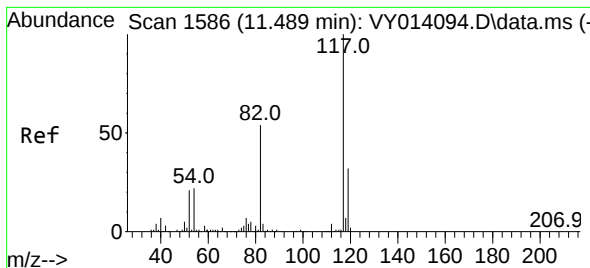
Ion Ratio Lower Upper

95 100

174 95.3 0.0 178.2

176 92.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014403.D

Acq: 23 Jun 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

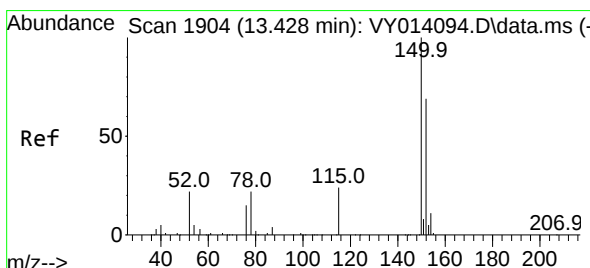
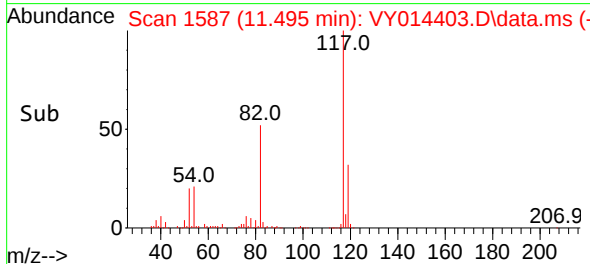
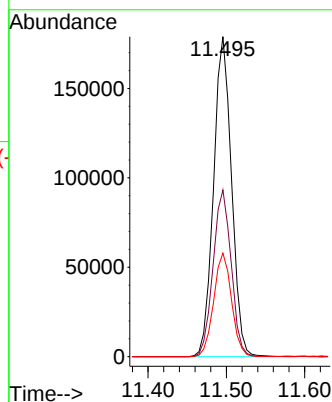
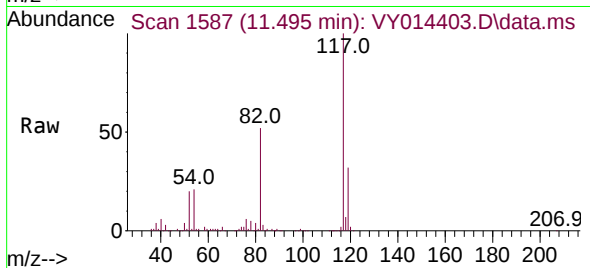
Tgt Ion:117 Resp: 285408

Ion Ratio Lower Upper

117 100

82 52.1 43.4 65.0

119 32.4 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: VY014403.D

Acq: 23 Jun 2023 12:38

Tgt Ion:152 Resp: 137524

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 154.6 0.0 348.8

