

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
 Data File : VY014873.D
 Acq On : 27 Jul 2023 11:33
 Operator : SY/MD
 Sample : 03686-08
 Misc : 2.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-18-16-18-20230720

Quant Time: Jul 28 02:36:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	154795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	274334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	261230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	95459	54.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.240%
35) Dibromofluoromethane	7.710	113	85836	49.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.179	98	324882	50.460	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.477	95	120082	48.641	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.280%

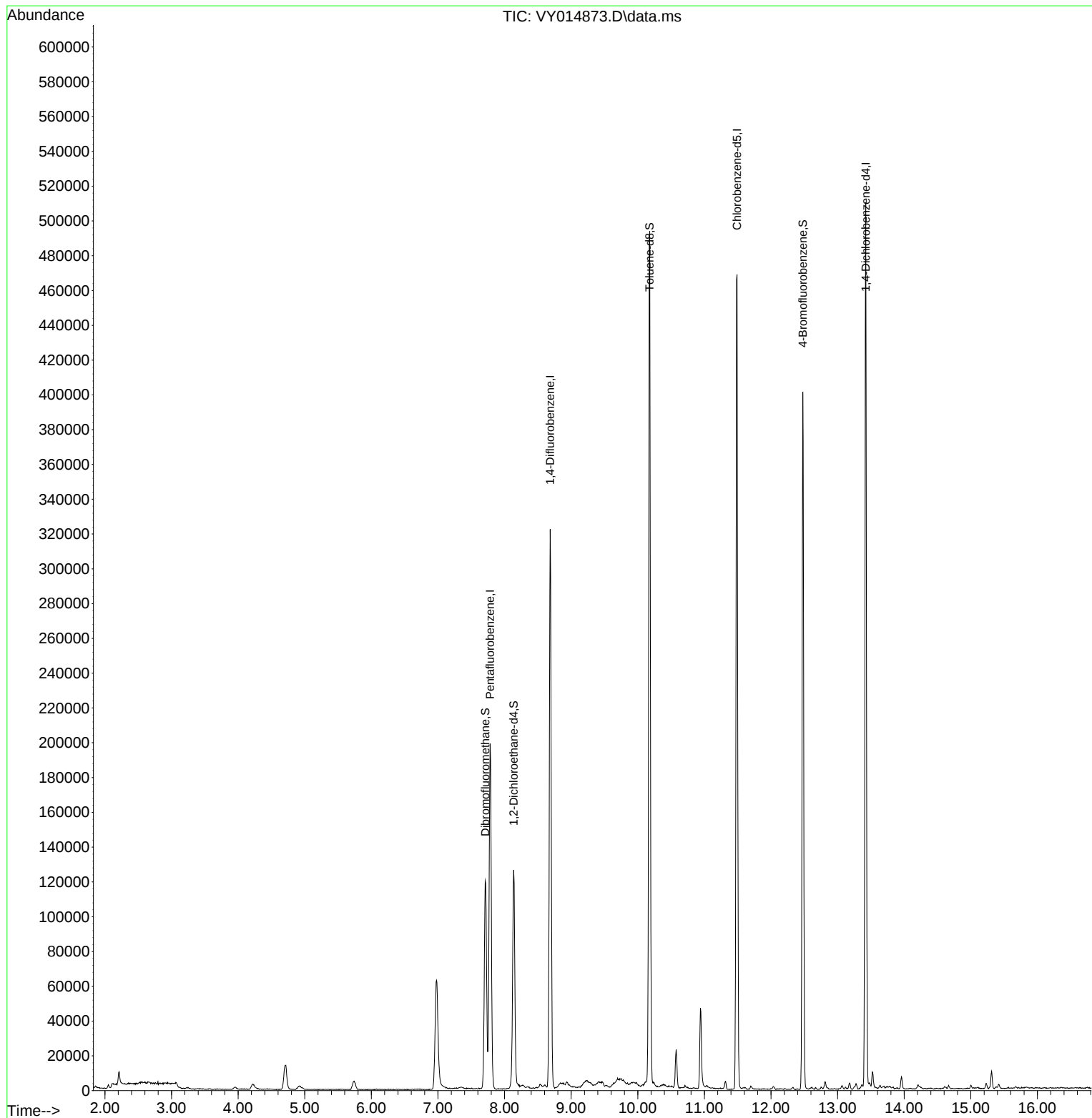
Target Compounds	Qvalue

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

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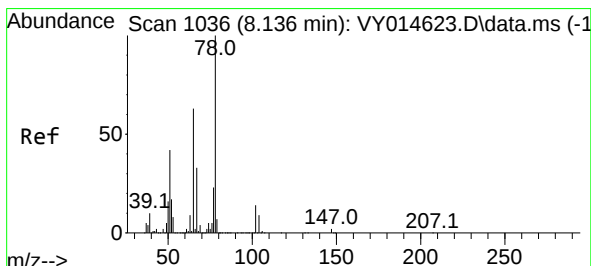
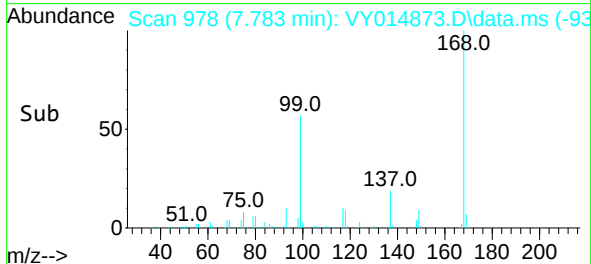
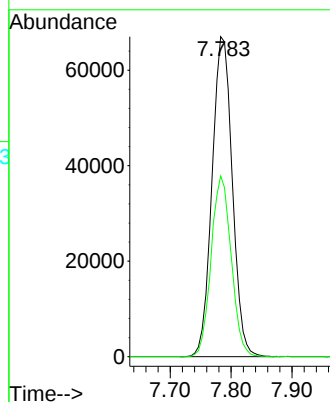
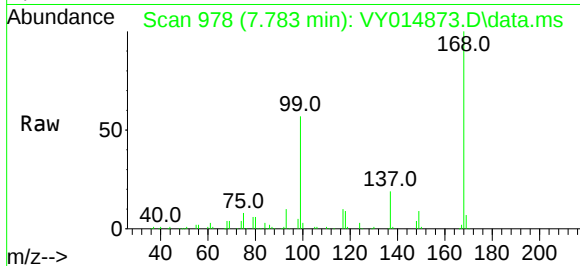




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

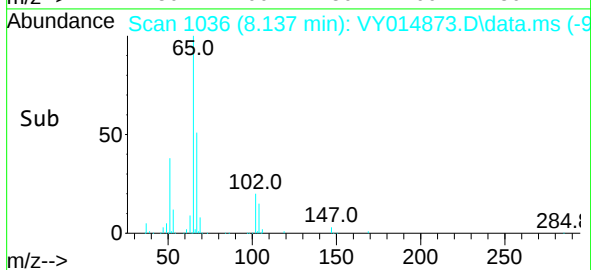
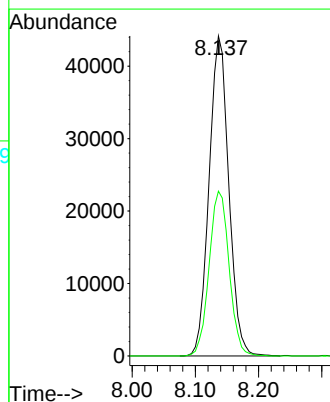
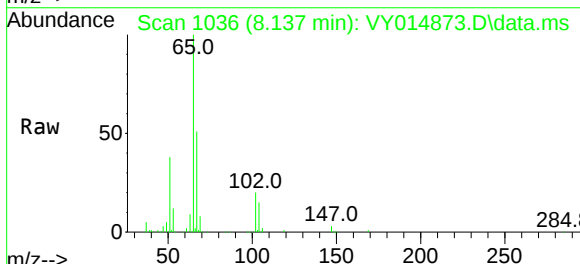
Instrument :
MSVOA_Y
ClientSampleId :
SB-18-16-18-20230720

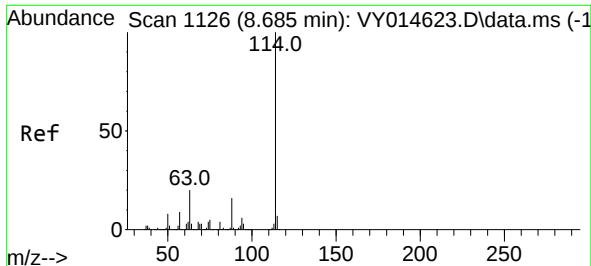
Tgt Ion:168 Resp: 154795
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.117 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014873.D
Acq: 27 Jul 2023 11:33

Tgt Ion: 65 Resp: 95459
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014873.D

Acq: 27 Jul 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-18-16-18-20230720

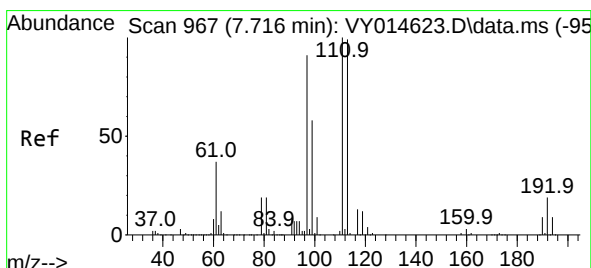
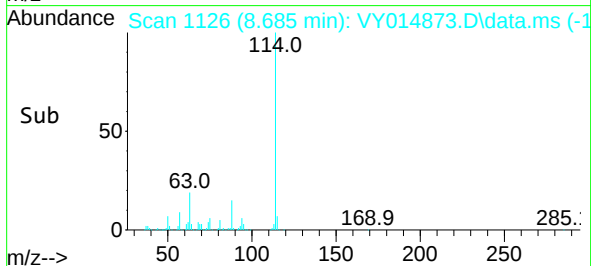
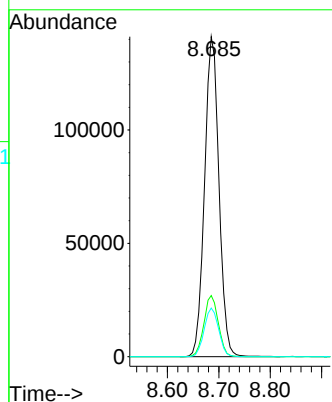
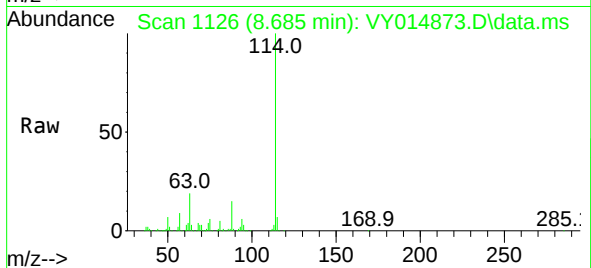
Tgt Ion:114 Resp: 274334

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.152 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY014873.D

Acq: 27 Jul 2023 11:33

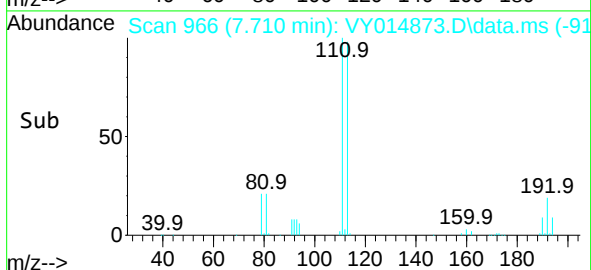
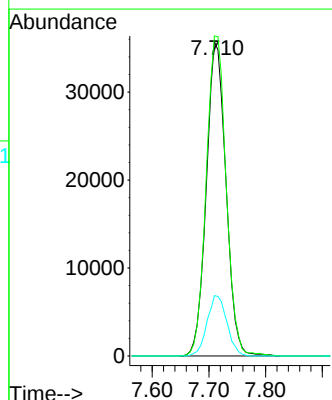
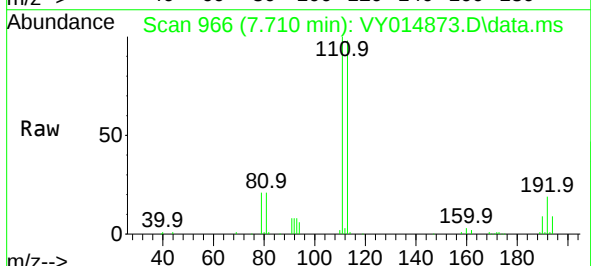
Tgt Ion:113 Resp: 85836

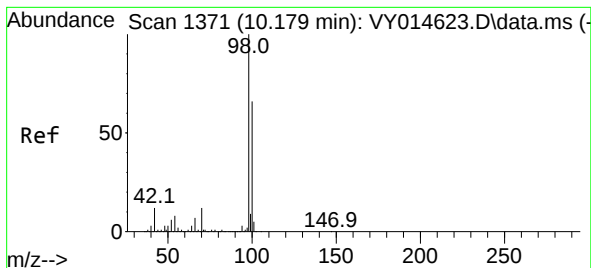
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 19.4 16.9 25.3





#50

Toluene-d8

Concen: 50.460 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014873.D

Acq: 27 Jul 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

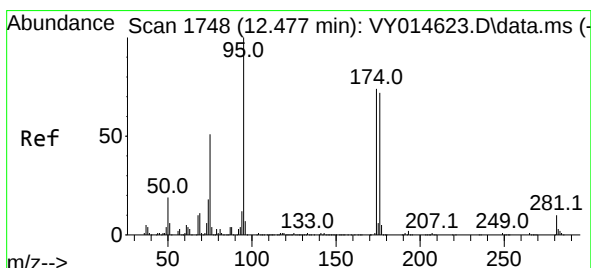
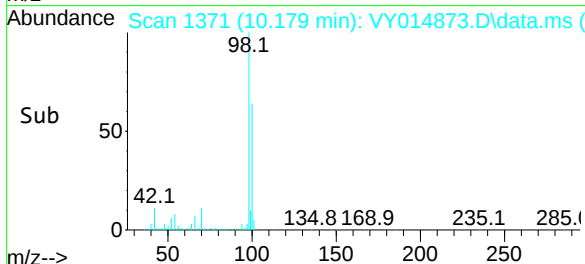
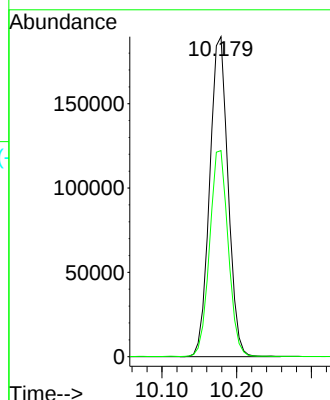
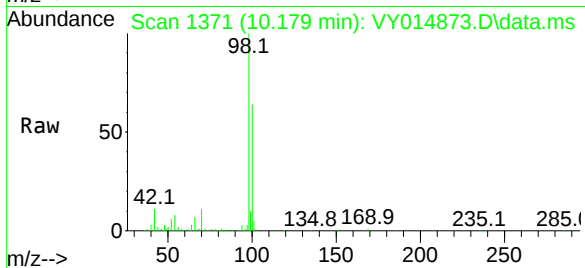
SB-18-16-18-20230720

Tgt Ion: 98 Resp: 324882

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.641 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY014873.D

Acq: 27 Jul 2023 11:33

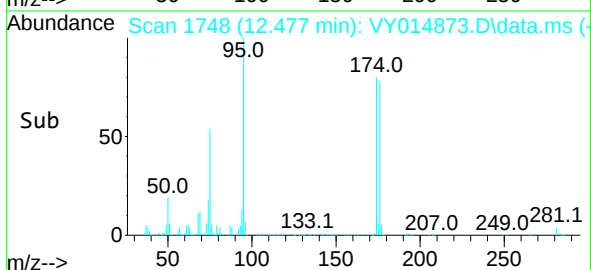
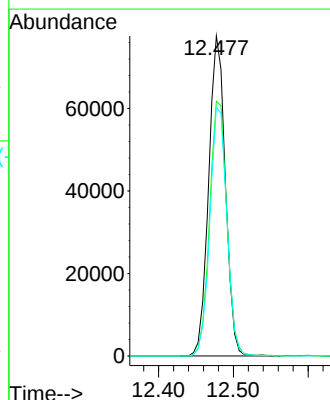
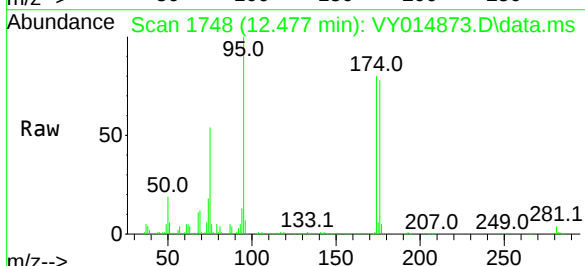
Tgt Ion: 95 Resp: 120082

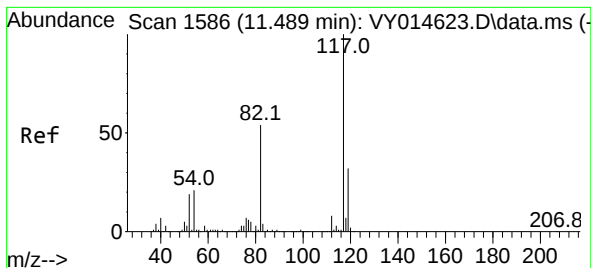
Ion Ratio Lower Upper

95 100

174 82.7 0.0 178.2

176 79.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014873.D

Acq: 27 Jul 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-18-16-18-20230720

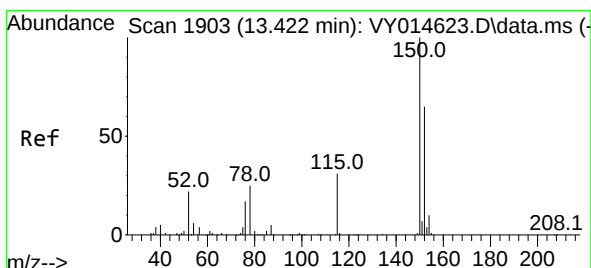
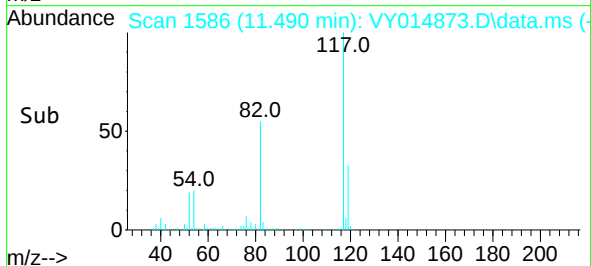
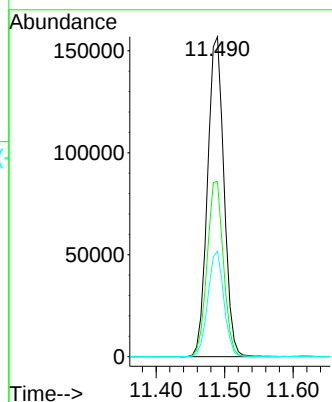
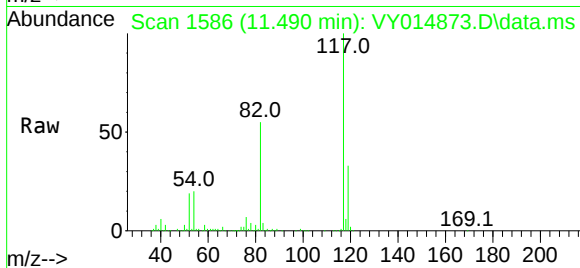
Tgt Ion:117 Resp: 261230

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 32.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014873.D

Acq: 27 Jul 2023 11:33

Tgt Ion:152 Resp: 125048

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 157.0 0.0 348.8

