

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013673.D
 Acq On : 09 May 2023 17:08
 Operator : KP/MD
 Sample : 02624-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WZ-3

Quant Time: May 10 05:40:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	13786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	26687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	31272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12439	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	17300	114.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	228.940%#
35) Dibromofluoromethane	7.716	113	11896	70.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	141.740%
50) Toluene-d8	10.179	98	32904	55.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.220%
62) 4-Bromofluorobenzene	12.477	95	11159	55.435	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.860%

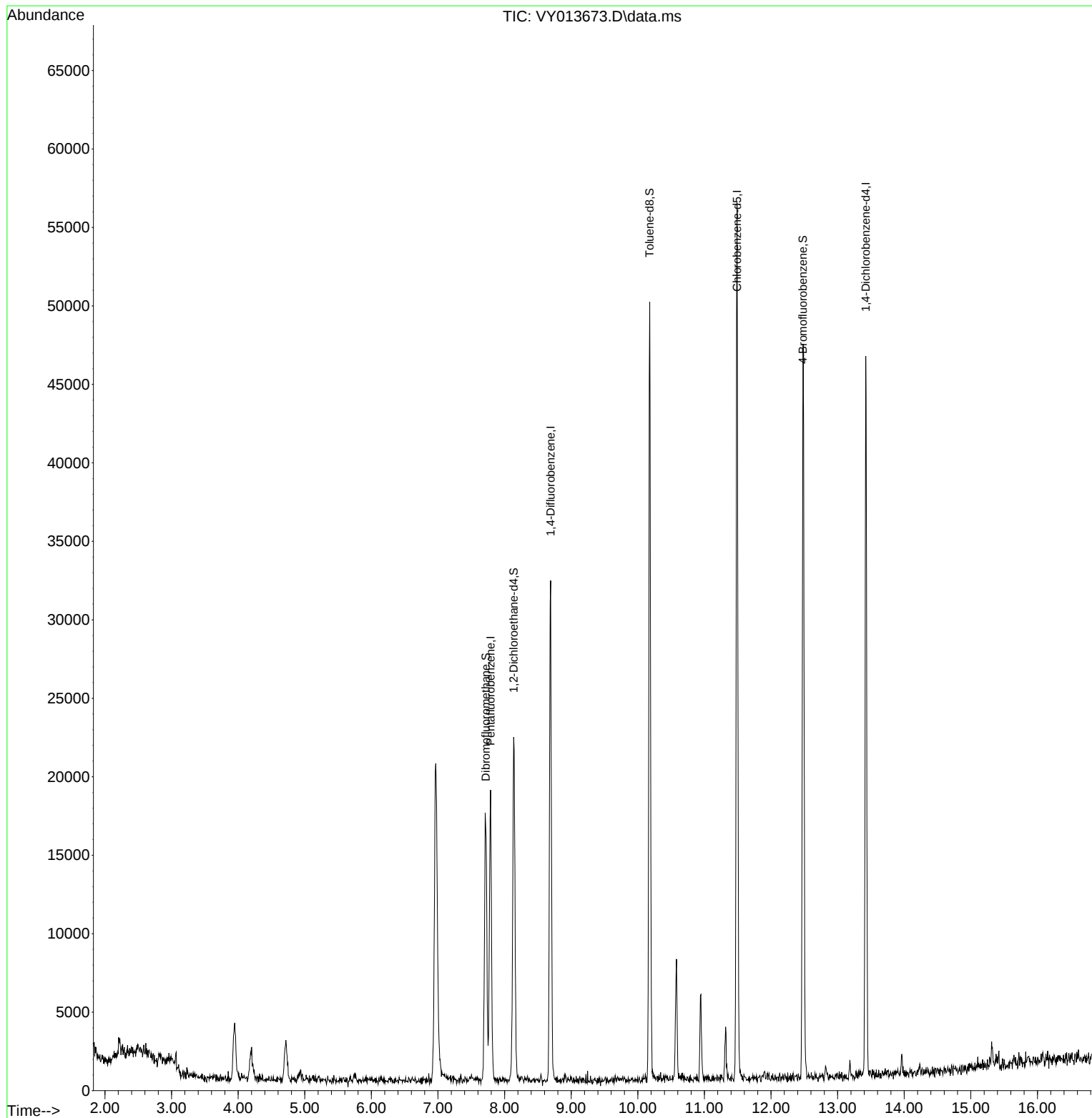
Target Compounds	Qvalue

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

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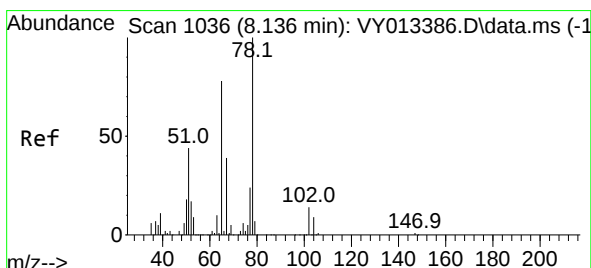
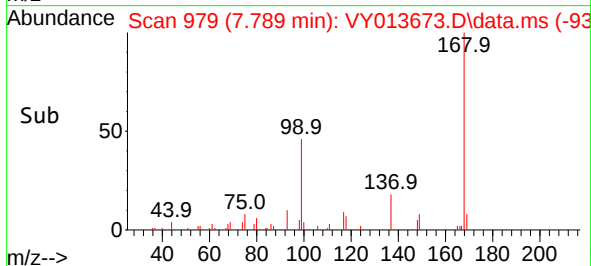
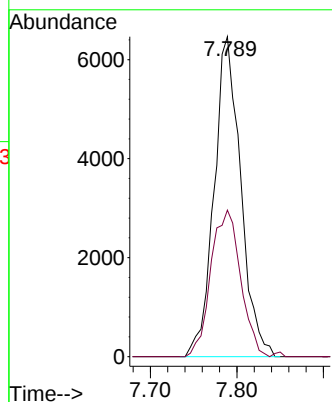
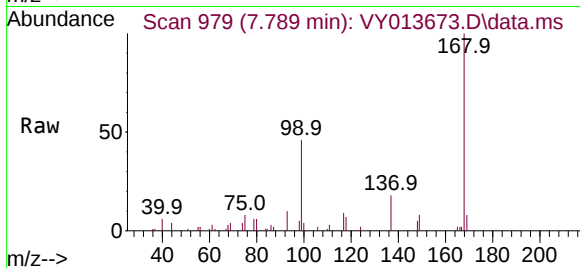




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013673.D
Acq: 09 May 2023 17:08

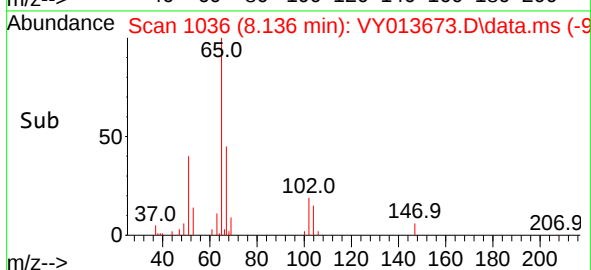
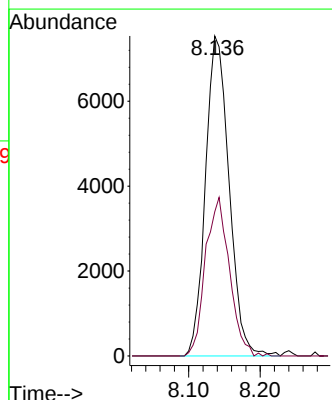
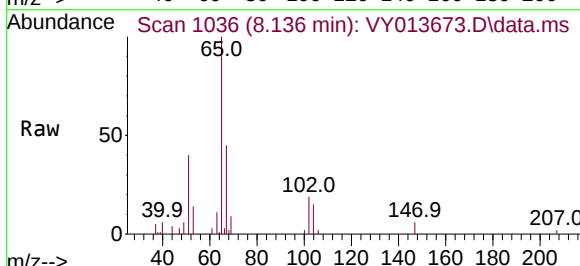
Instrument :
MSVOA_Y
ClientSampleId :
WZ-3

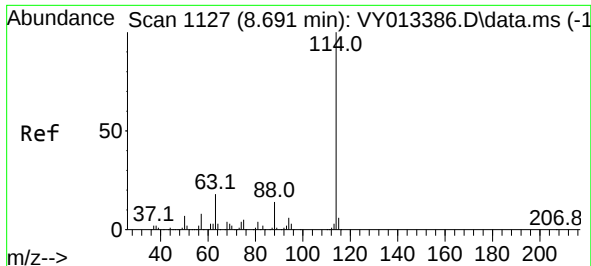
Tgt Ion:168 Resp: 13786
Ion Ratio Lower Upper
168 100
99 45.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 114.475 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013673.D
Acq: 09 May 2023 17:08

Tgt Ion: 65 Resp: 17300
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013673.D

Acq: 09 May 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

WZ-3

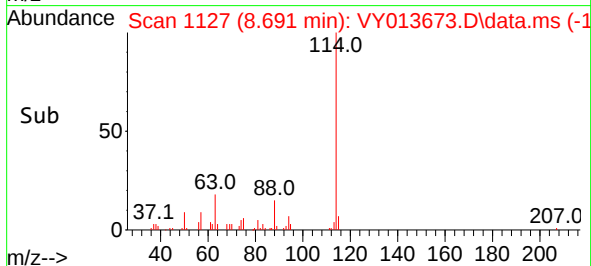
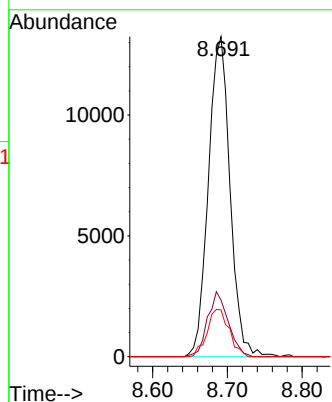
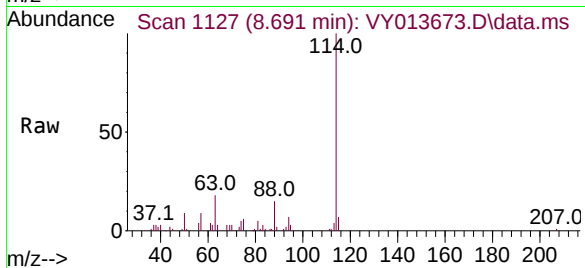
Tgt Ion:114 Resp: 26687

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.6

88 14.7 0.0 28.8



#35

Dibromofluoromethane

Concen: 70.873 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013673.D

Acq: 09 May 2023 17:08

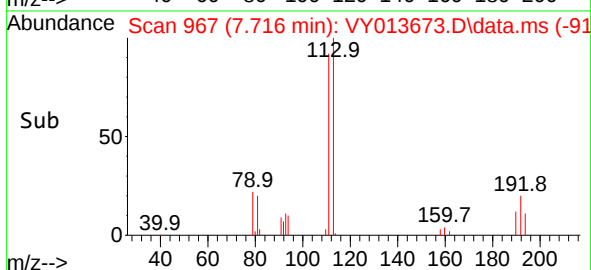
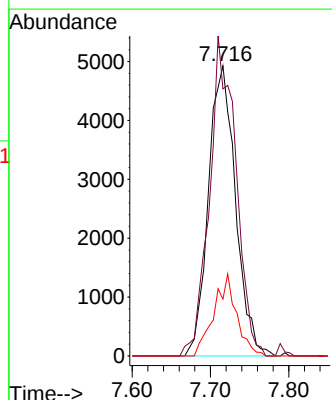
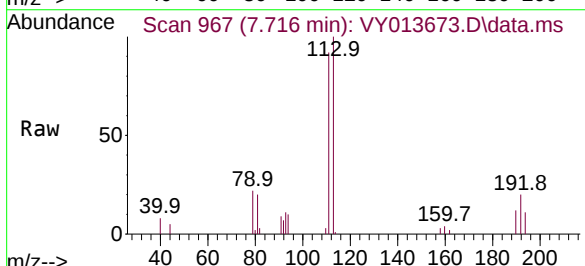
Tgt Ion:113 Resp: 11896

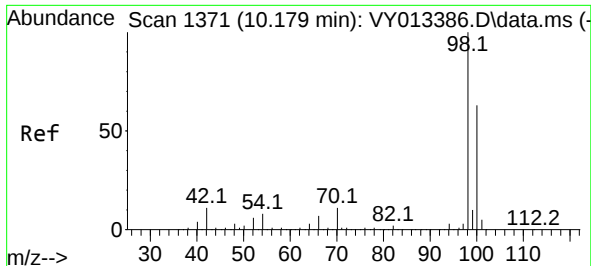
Ion Ratio Lower Upper

113 100

111 107.2 82.2 123.2

192 23.6 16.7 25.1

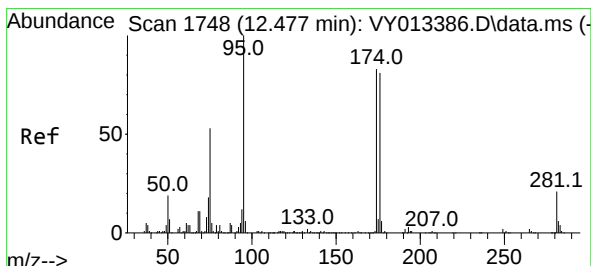
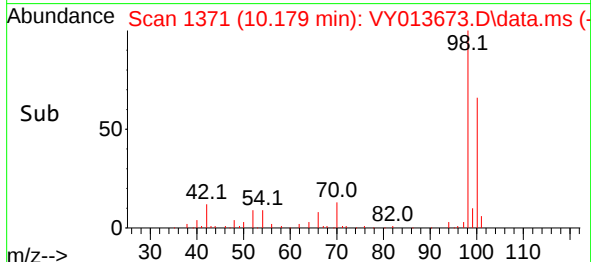
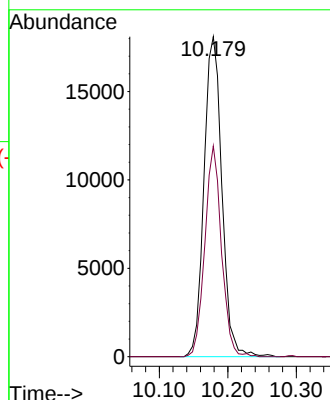
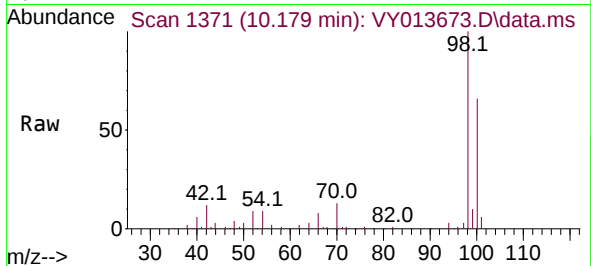




#50
Toluene-d8
Concen: 55.106 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013673.D
Acq: 09 May 2023 17:08

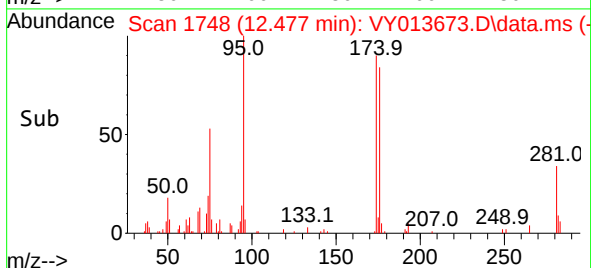
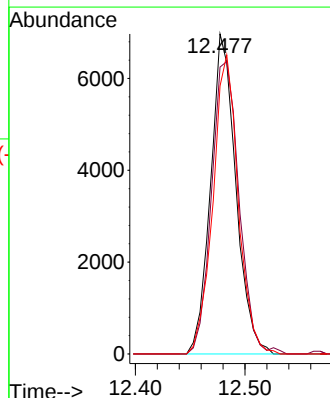
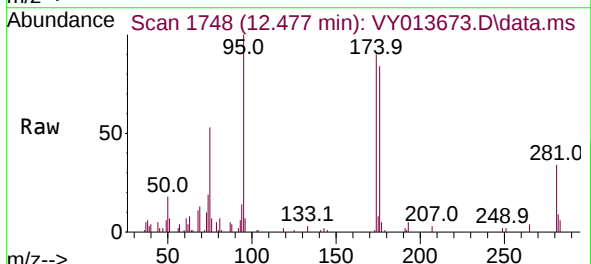
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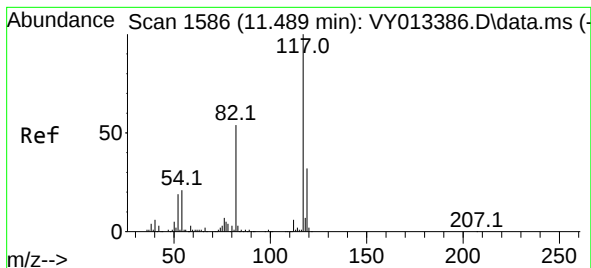
Tgt Ion: 98 Resp: 32904
Ion Ratio Lower Upper
98 100
100 61.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 55.435 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013673.D
Acq: 09 May 2023 17:08

Tgt Ion: 95 Resp: 11159
Ion Ratio Lower Upper
95 100
174 99.7 0.0 182.0
176 93.6 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013673.D

Acq: 09 May 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

WZ-3

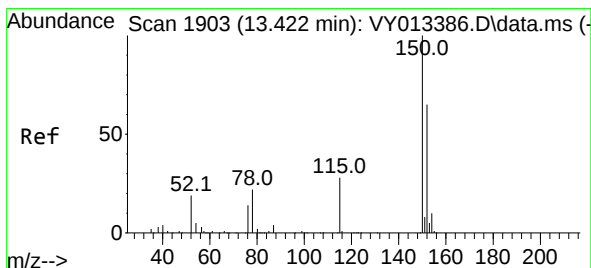
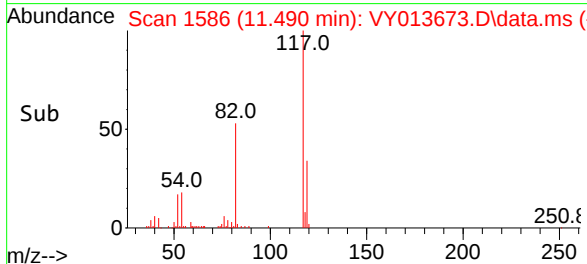
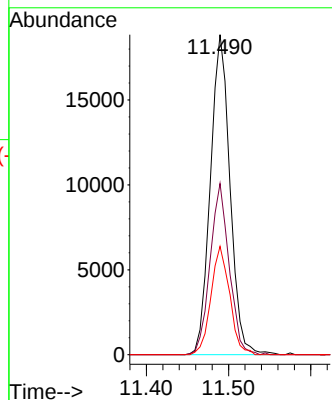
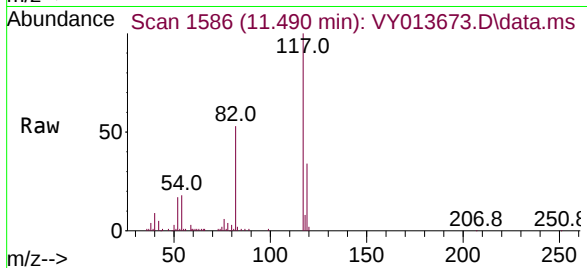
Tgt Ion:117 Resp: 31272

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.6

119 33.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013673.D

Acq: 09 May 2023 17:08

Tgt Ion:152 Resp: 12439

Ion Ratio Lower Upper

152 100

115 56.8 28.1 84.2

150 160.7 0.0 352.0

