

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014293.D
 Acq On : 20 Jun 2023 19:04
 Operator : KP/MD
 Sample : 03298-15
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 21 02:09:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	187214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	280931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131111	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	121212	46.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.000%
35) Dibromofluoromethane	7.716	113	97165	45.562	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.120%
50) Toluene-d8	10.179	98	366772	46.003	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.000%
62) 4-Bromofluorobenzene	12.483	95	115776	40.879	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.760%

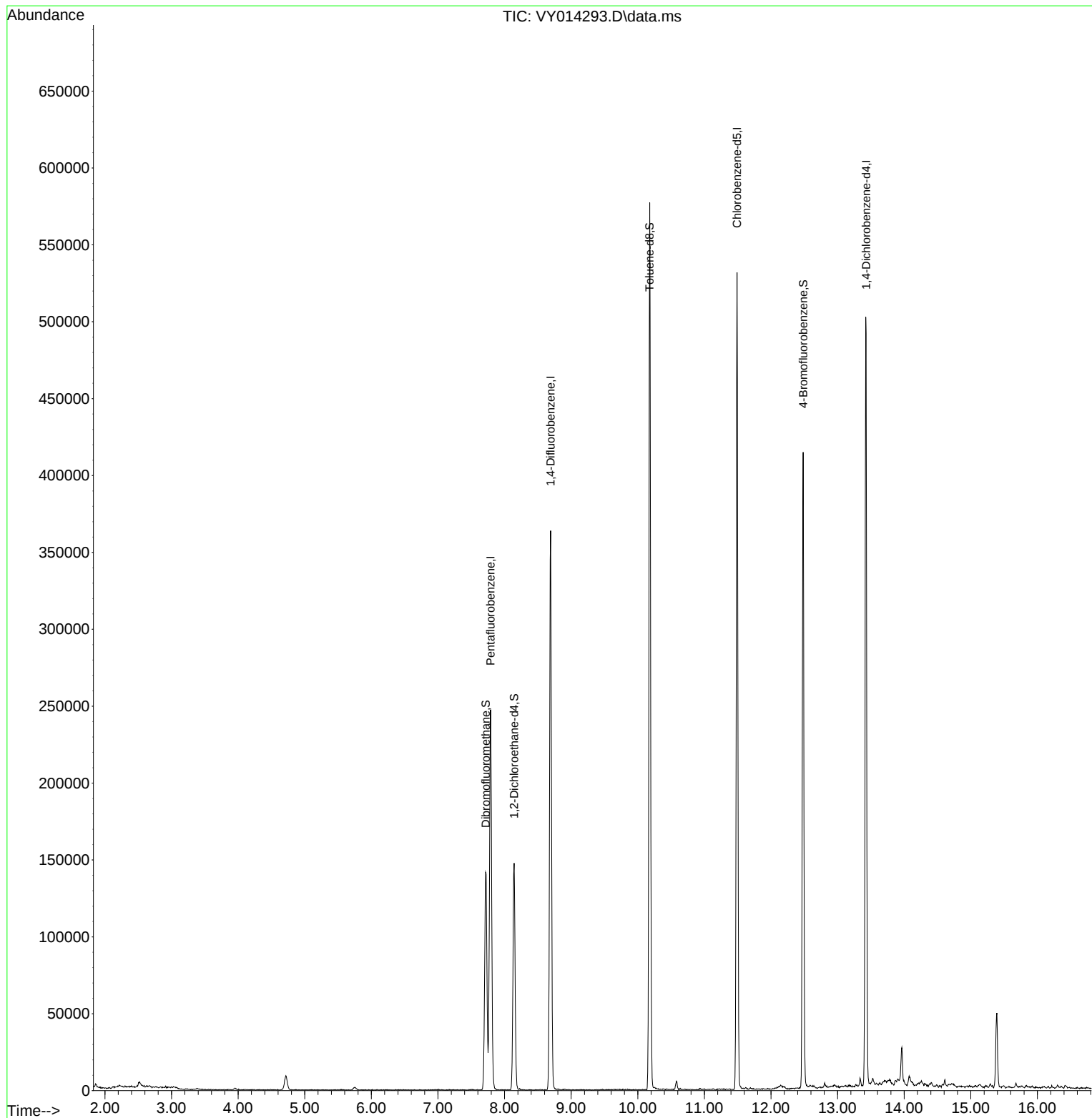
Target Compounds	Qvalue

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

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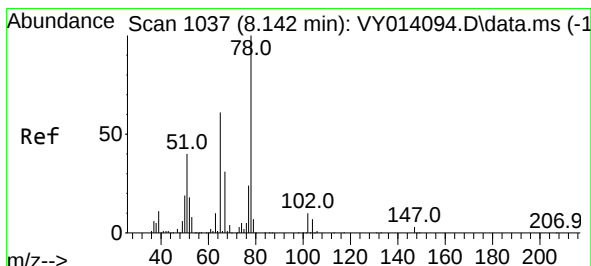
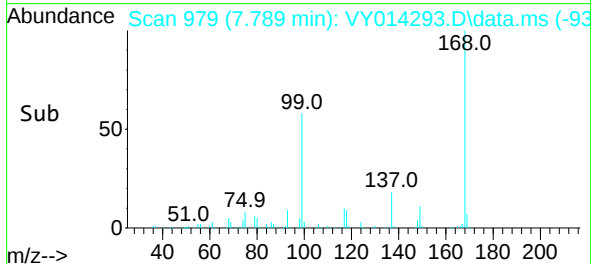
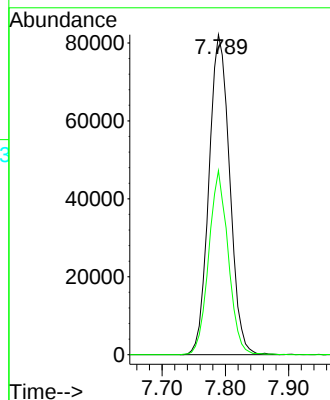
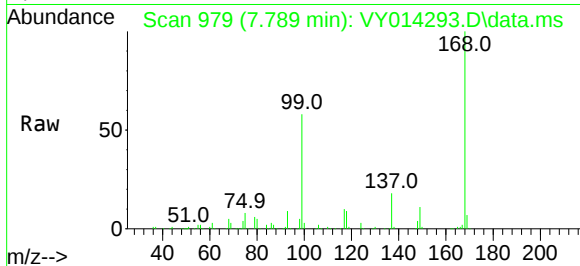




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

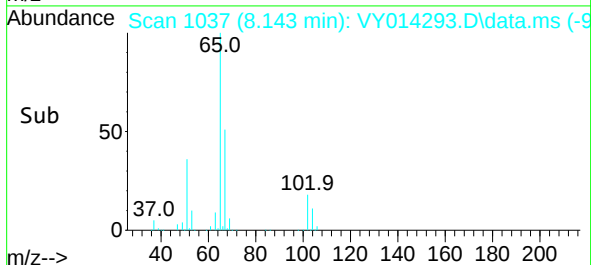
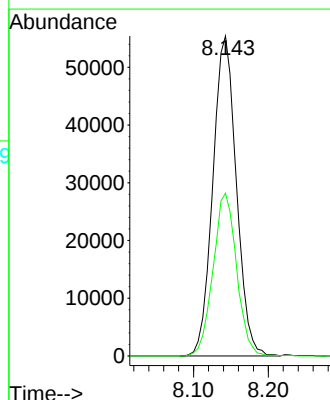
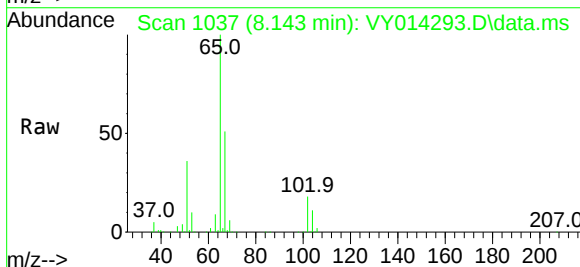
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion:168 Resp: 187214
Ion Ratio Lower Upper
168 100
99 57.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 46.495 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

Tgt Ion: 65 Resp: 121212
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014293.D

Acq: 20 Jun 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK

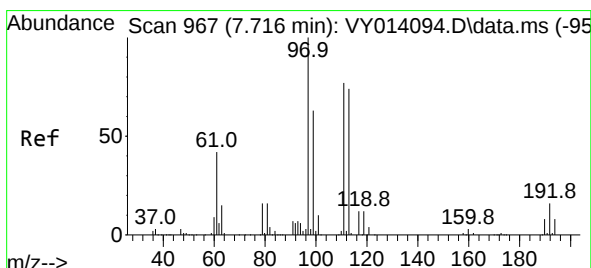
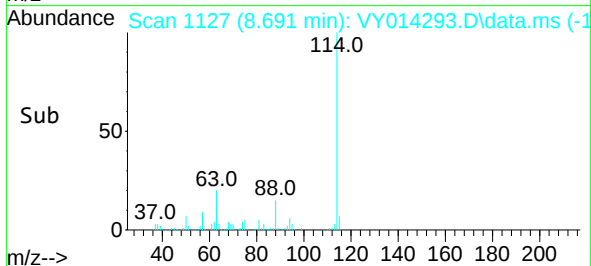
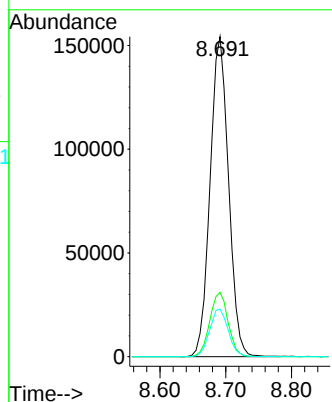
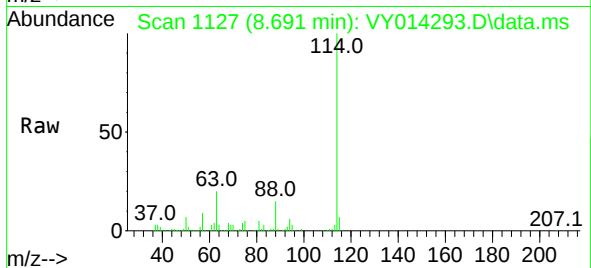
Tgt Ion:114 Resp: 300711

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.562 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014293.D

Acq: 20 Jun 2023 19:04

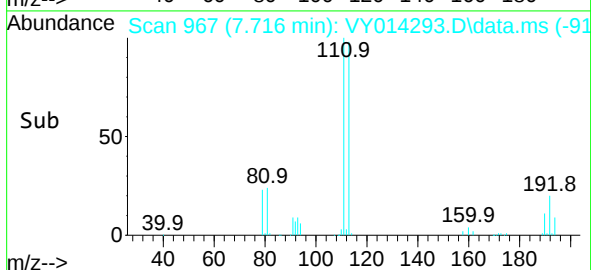
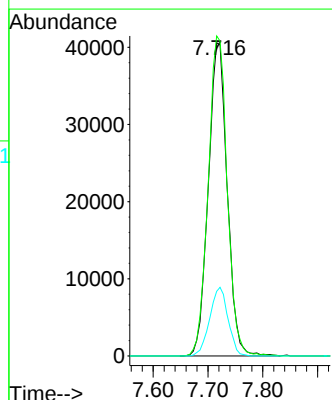
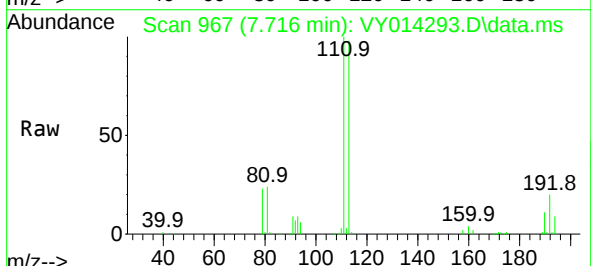
Tgt Ion:113 Resp: 97165

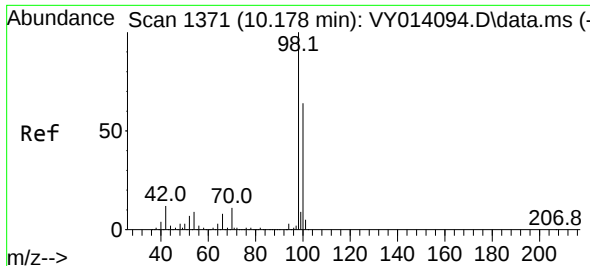
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 21.2 16.9 25.3

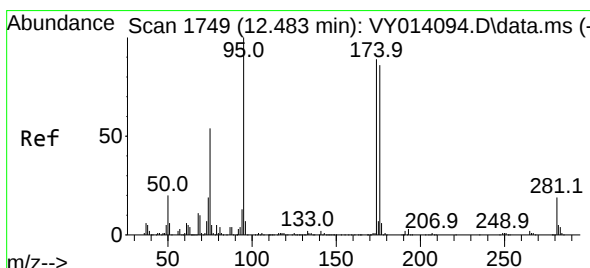
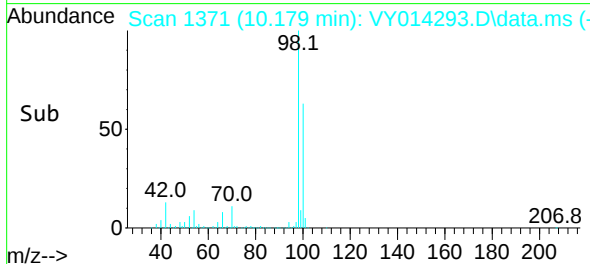
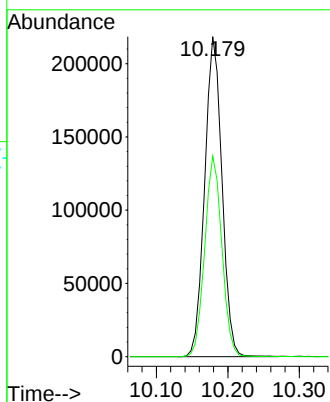
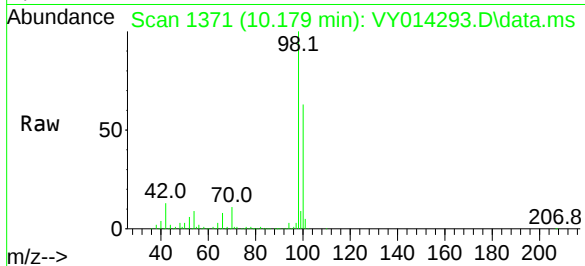




#50
Toluene-d8
Concen: 46.003 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

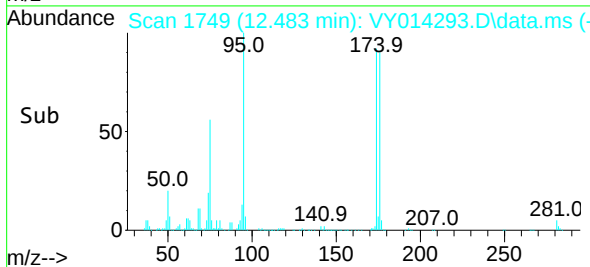
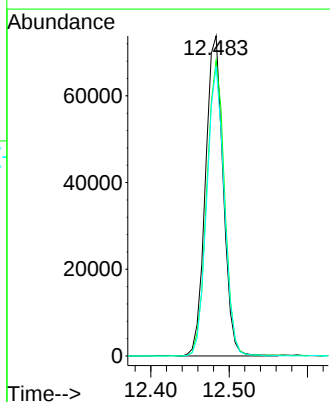
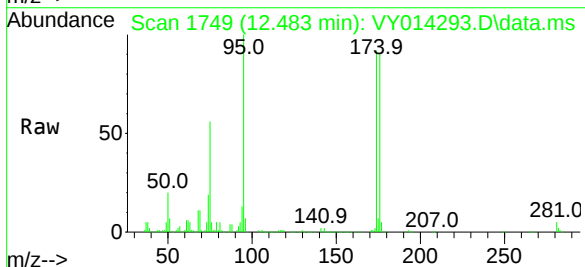
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

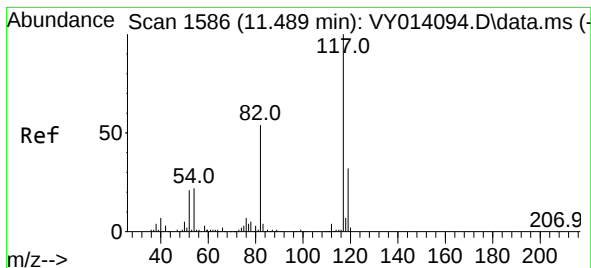
Tgt Ion: 98 Resp: 366772
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.879 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

Tgt Ion: 95 Resp: 115776
Ion Ratio Lower Upper
95 100
174 92.9 0.0 178.2
176 88.7 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: VY014293.D

Acq: 20 Jun 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK

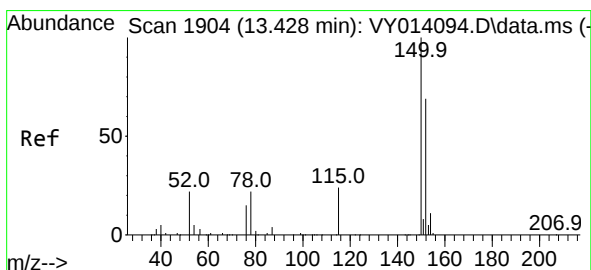
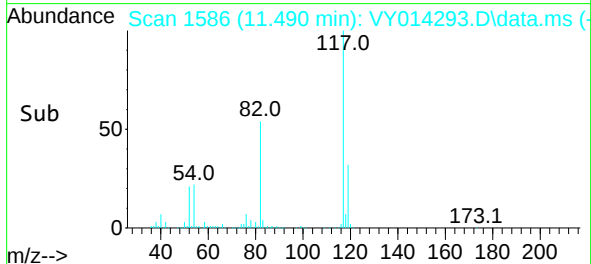
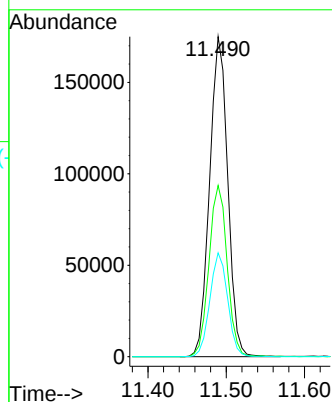
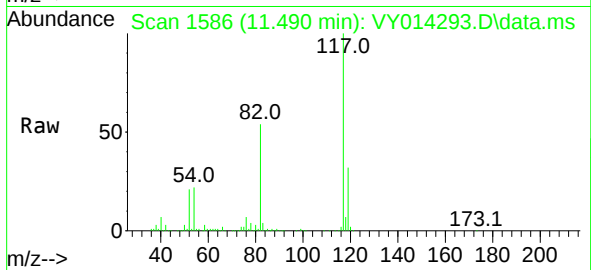
Tgt Ion:117 Resp: 280931

Ion Ratio Lower Upper

117 100

82 53.5 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: VY014293.D

Acq: 20 Jun 2023 19:04

Tgt Ion:152 Resp: 131111

Ion Ratio Lower Upper

152 100

115 56.2 28.8 86.5

150 156.1 0.0 348.8

