

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110322\
 Data File : VY011293.D
 Acq On : 03 Nov 2022 17:32
 Operator : KP/MD
 Sample : N5395-11
 Misc : 5.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-8-103122

Quant Time: Nov 04 02:21:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	228210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	387553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	307229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105122	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	137858	56.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.960%
35) Dibromofluoromethane	7.716	113	138461	55.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.220%
50) Toluene-d8	10.179	98	458833	47.460	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.477	95	131050	39.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.100%

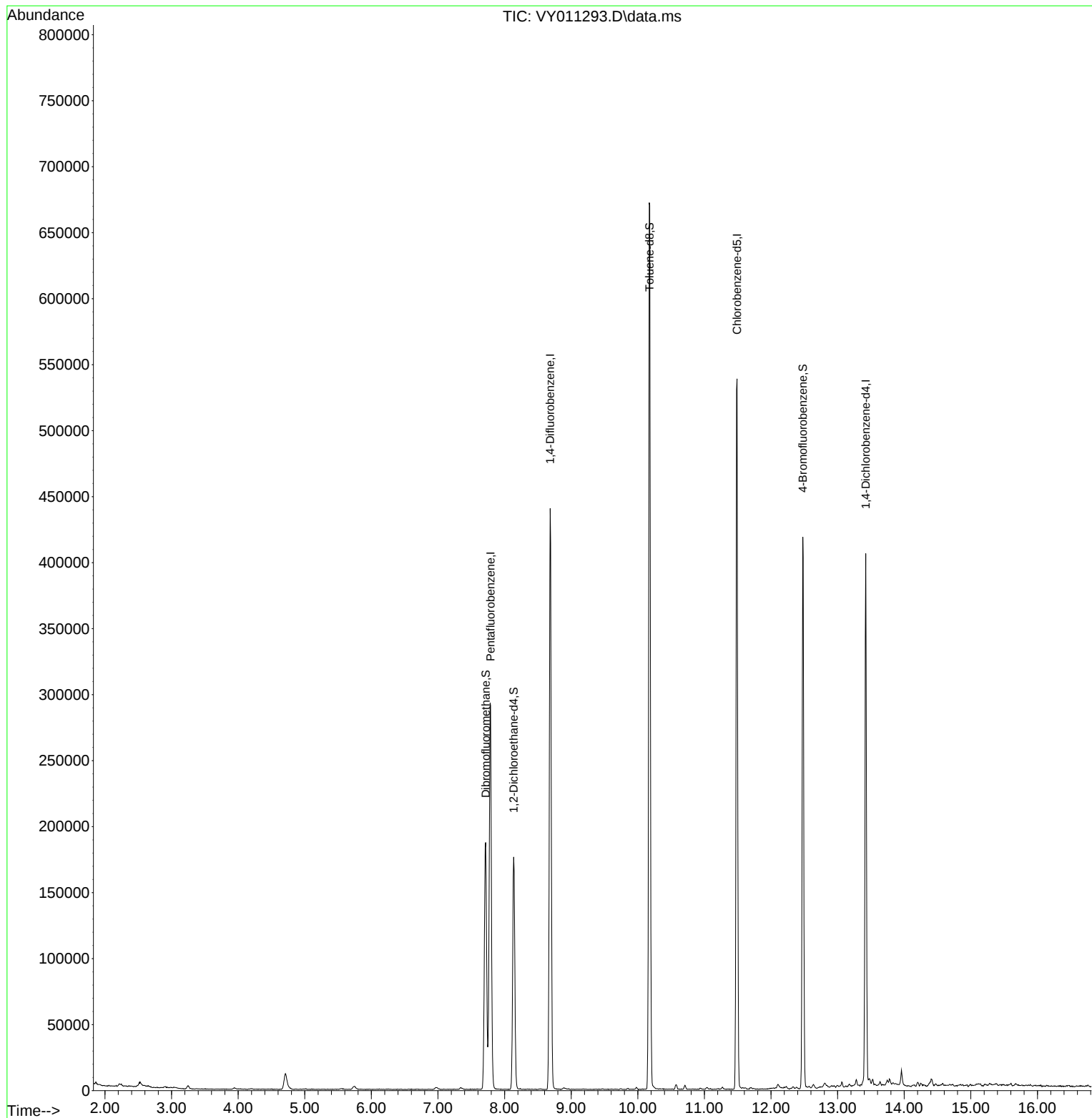
Target Compounds	Qvalue

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

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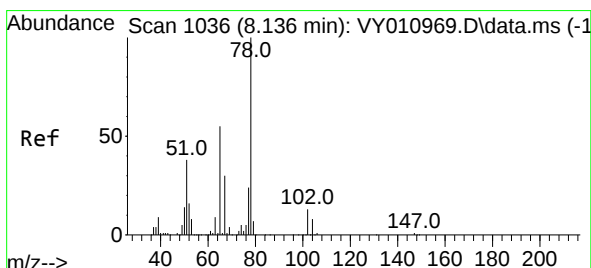
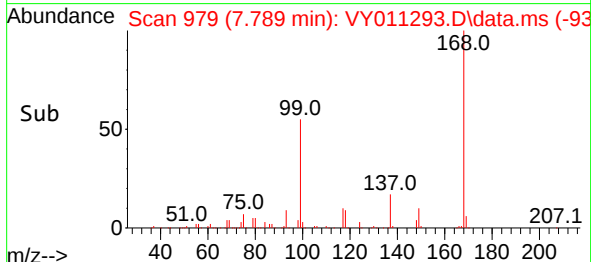
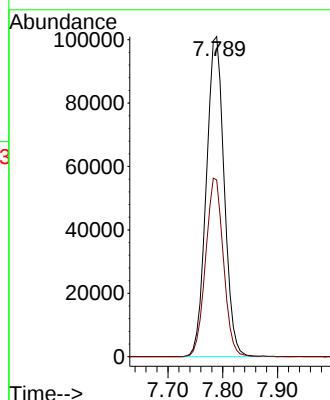
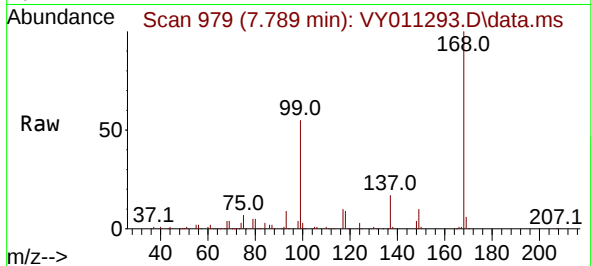




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011293.D
Acq: 03 Nov 2022 17:32

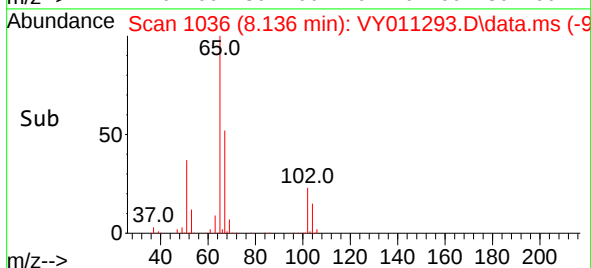
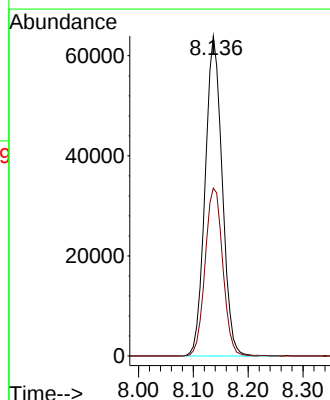
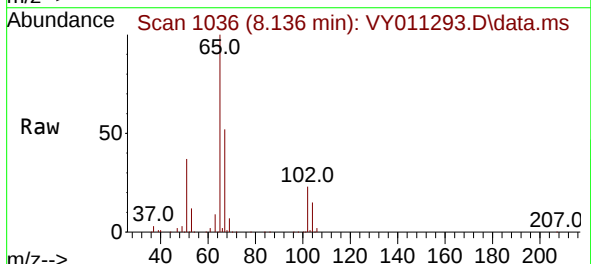
Instrument :
MSVOA_Y
ClientSampleId :
S-8-103122

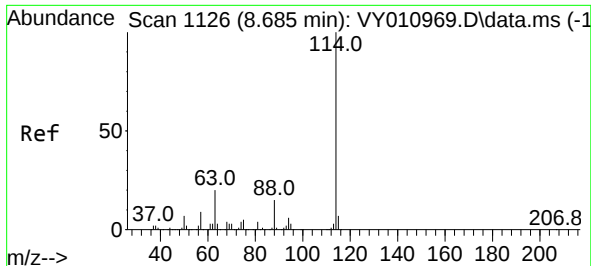
Tgt Ion:168 Resp: 228210
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.483 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011293.D
Acq: 03 Nov 2022 17:32

Tgt Ion: 65 Resp: 137858
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011293.D

Acq: 03 Nov 2022 17:32

Instrument :

MSVOA_Y

ClientSampleId :

S-8-103122

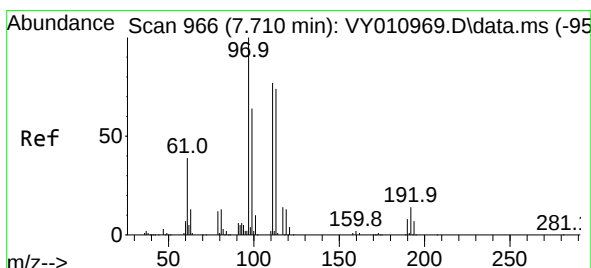
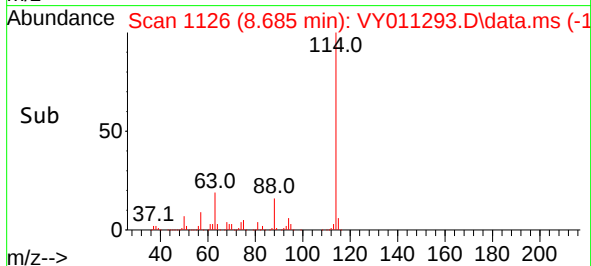
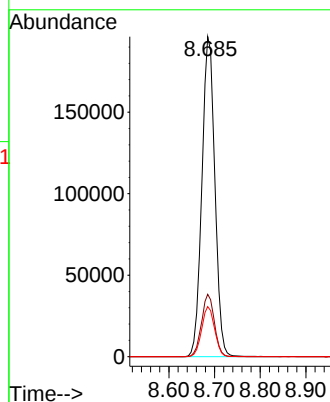
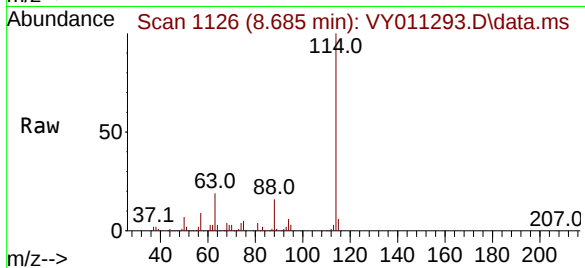
Tgt Ion:114 Resp: 387553

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.607 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011293.D

Acq: 03 Nov 2022 17:32

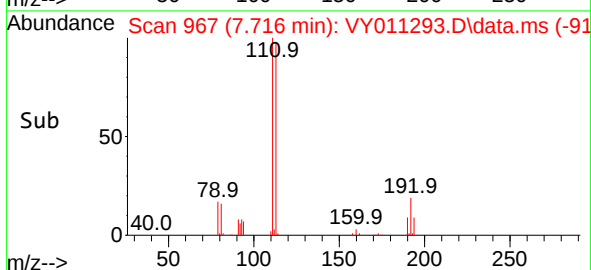
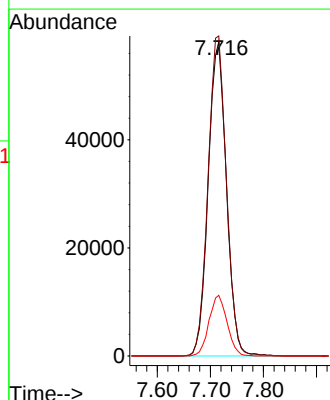
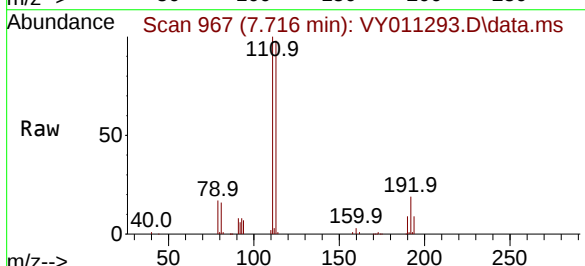
Tgt Ion:113 Resp: 138461

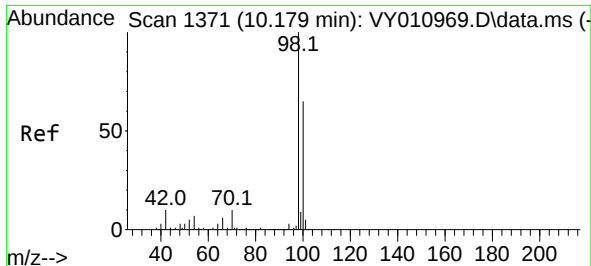
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 19.2 17.6 26.4

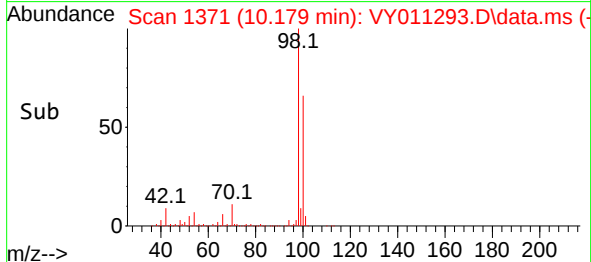
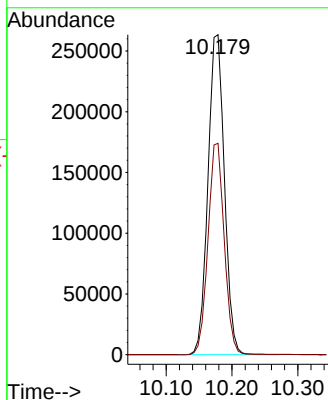
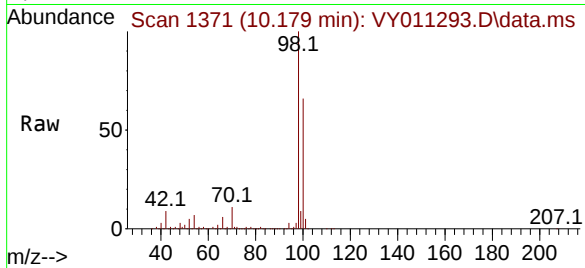




#50
Toluene-d8
Concen: 47.460 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011293.D
Acq: 03 Nov 2022 17:32

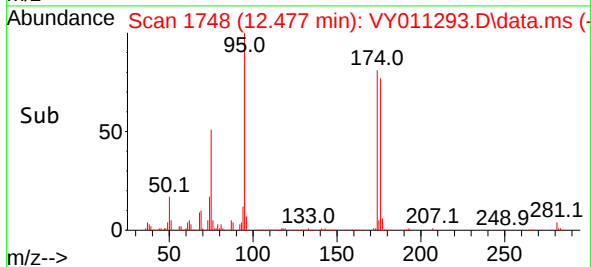
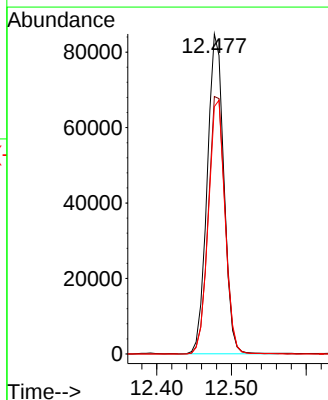
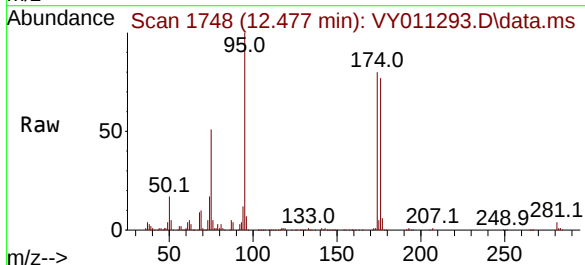
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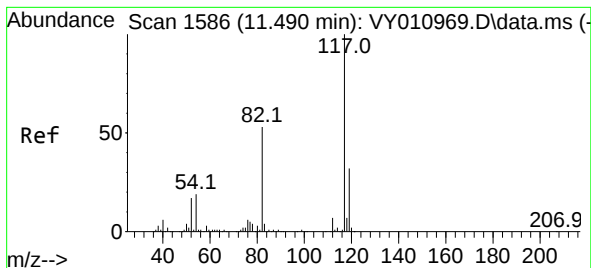
Tgt Ion: 98 Resp: 458833
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.047 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011293.D
Acq: 03 Nov 2022 17:32

Tgt Ion: 95 Resp: 131050
Ion Ratio Lower Upper
95 100
174 81.6 0.0 177.0
176 79.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011293.D

Acq: 03 Nov 2022 17:32

Instrument :

MSVOA_Y

ClientSampleId :

S-8-103122

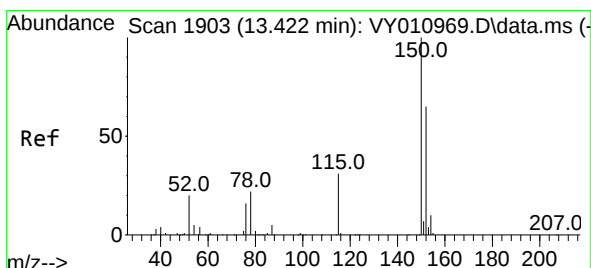
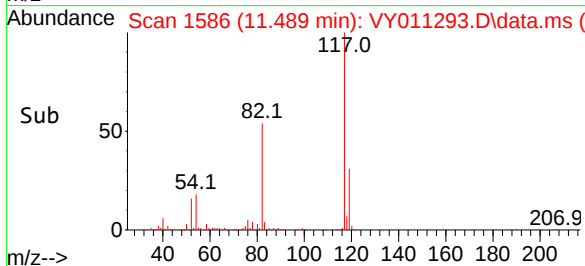
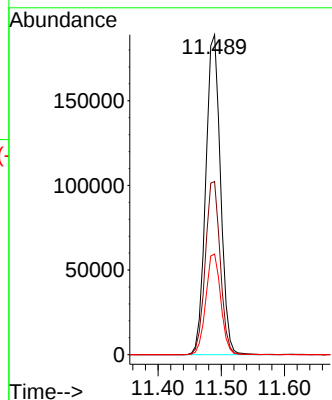
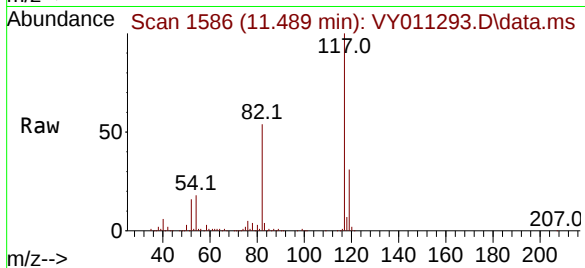
Tgt Ion:117 Resp: 307229

Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.4

119 31.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011293.D

Acq: 03 Nov 2022 17:32

Tgt Ion:152 Resp: 105122

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 155.6 0.0 347.6

