

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012798.D
 Acq On : 03 Mar 2023 16:04
 Operator : KP/MD
 Sample : 01749-04
 Misc : 7.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-6

Quant Time: Mar 04 01:24:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	114733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	192664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	166910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75588	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74012	64.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.940%
35) Dibromofluoromethane	7.716	113	71189	61.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.460%
50) Toluene-d8	10.179	98	239832	56.422	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.840%
62) 4-Bromofluorobenzene	12.483	95	74508	51.932	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.860%

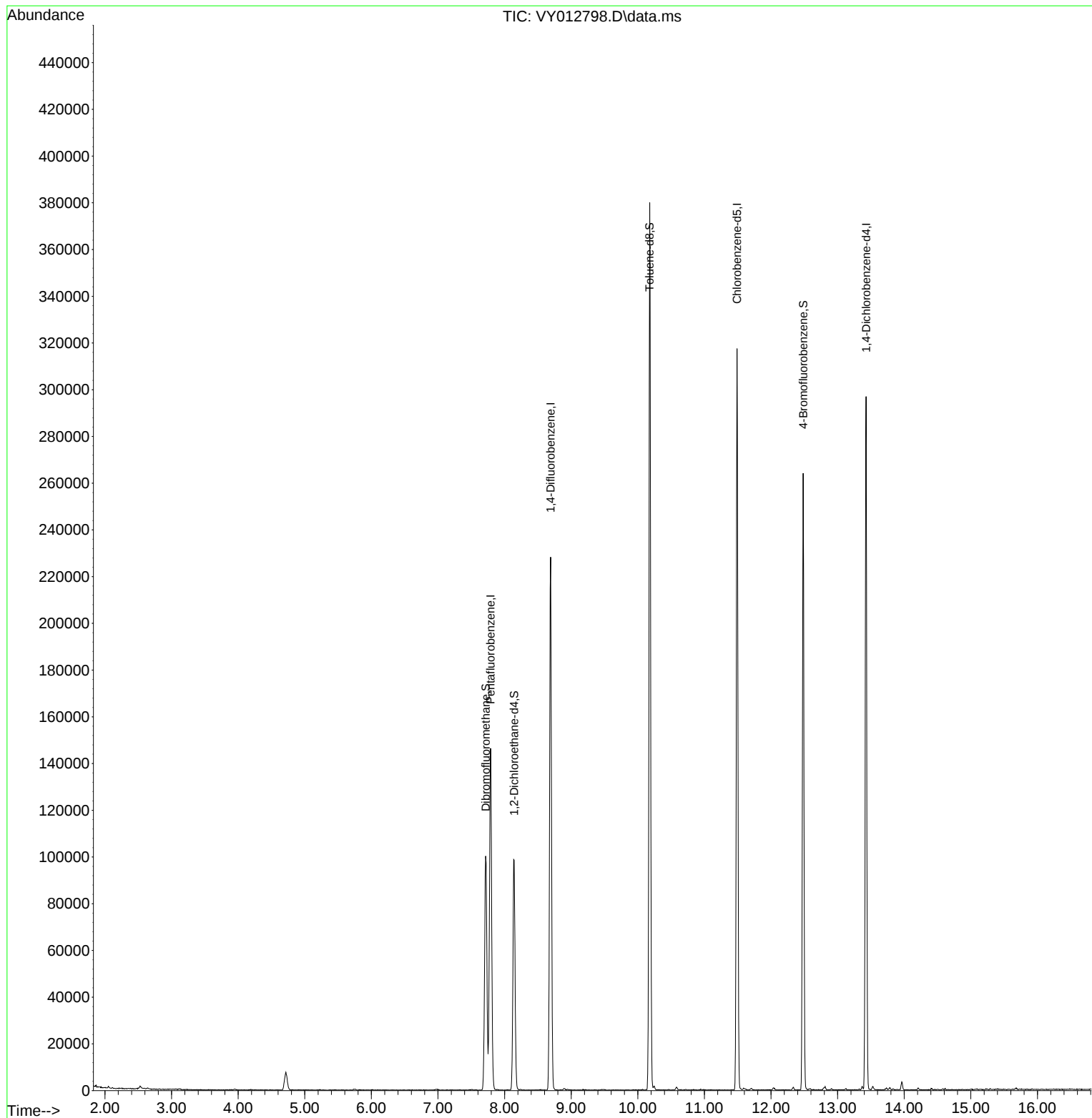
Target Compounds	Qvalue

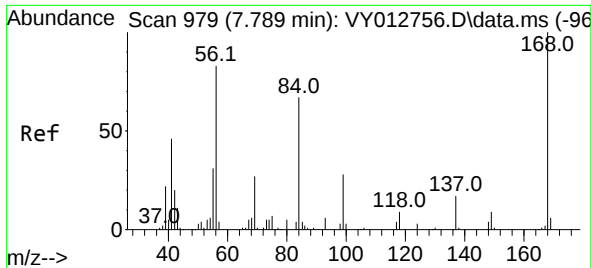
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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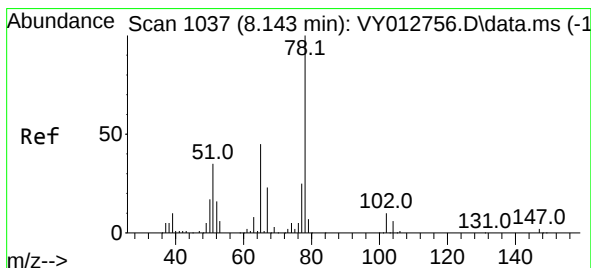
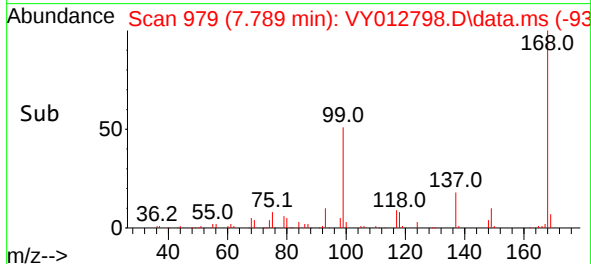
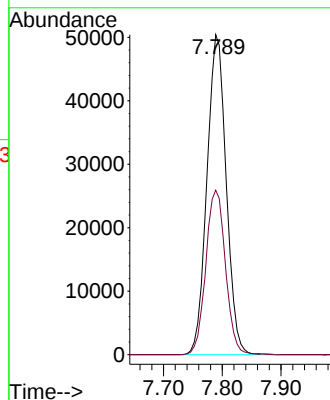
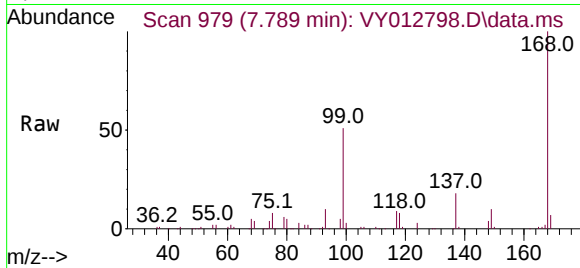




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

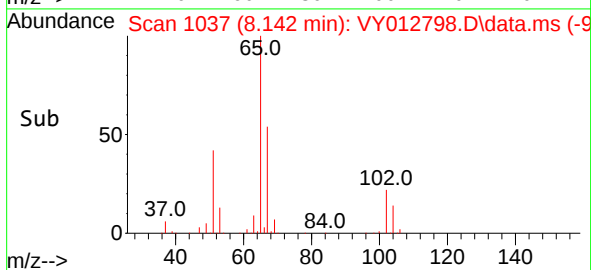
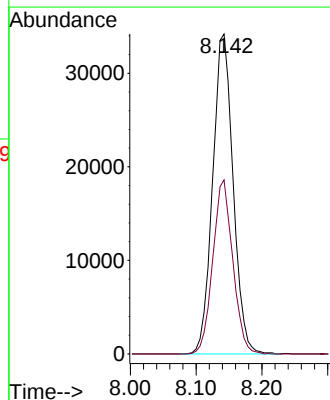
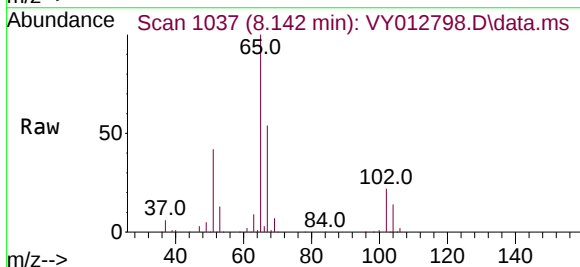
Instrument :
MSVOA_Y
ClientSampleId :
CF-6

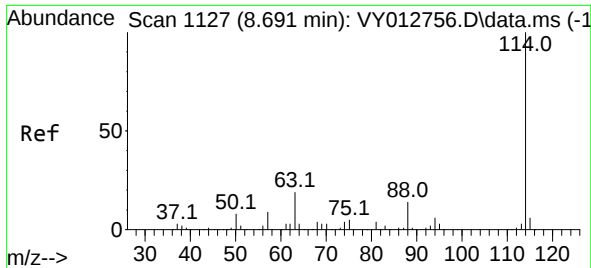
Tgt Ion:168 Resp: 114733
Ion Ratio Lower Upper
168 100
99 51.4 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 64.971 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

Tgt Ion: 65 Resp: 74012
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.0

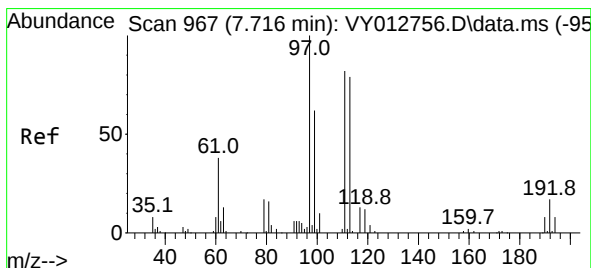
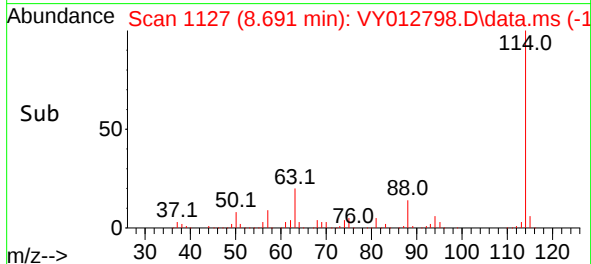
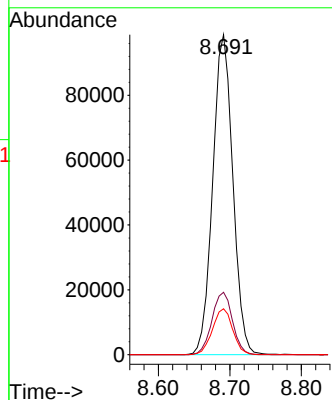
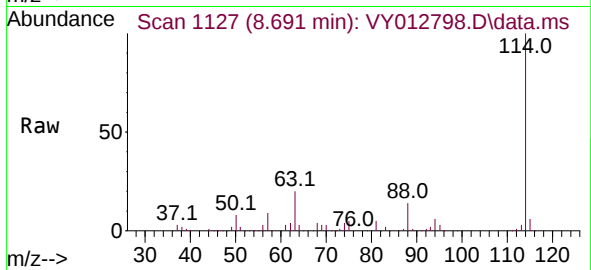




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

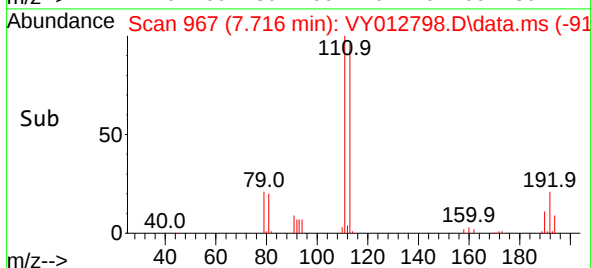
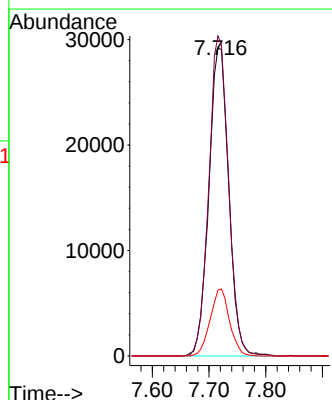
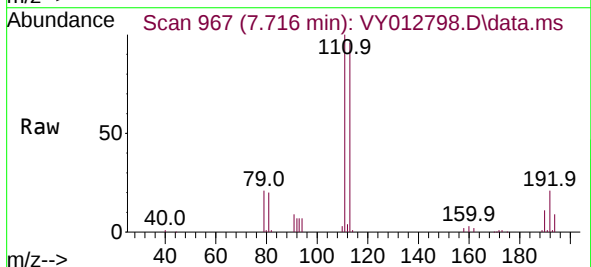
Instrument :
MSVOA_Y
ClientSampleId :
CF-6

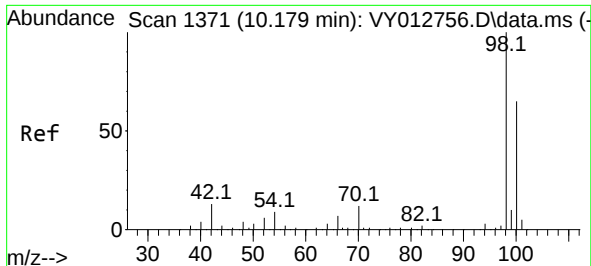
Tgt Ion:114 Resp: 192664
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.4
88 14.3 0.0 28.6



#35
Dibromofluoromethane
Concen: 61.226 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

Tgt Ion:113 Resp: 71189
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 21.1 16.8 25.2

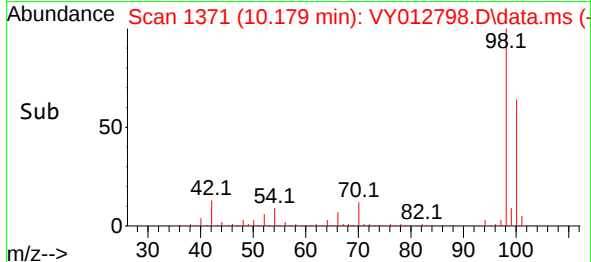
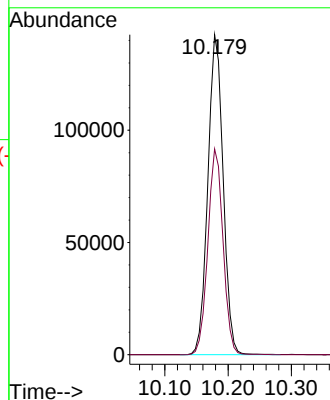
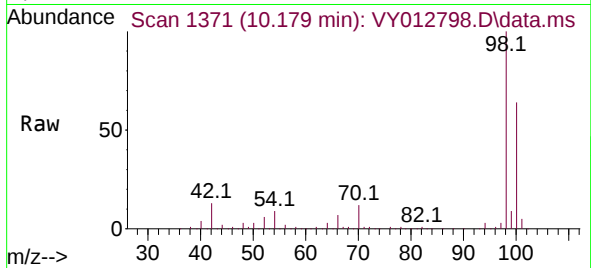




#50
Toluene-d8
Concen: 56.422 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

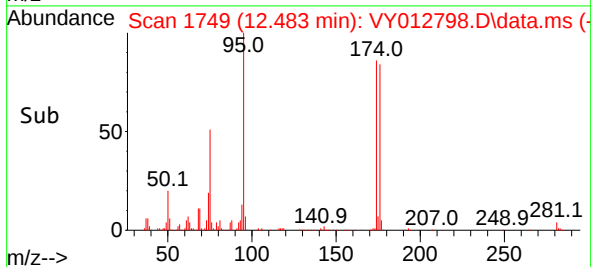
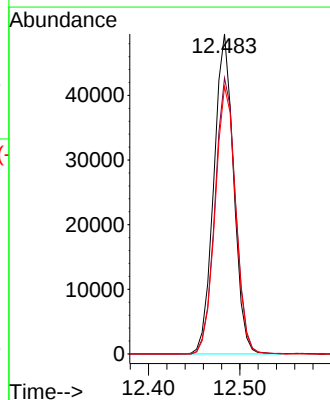
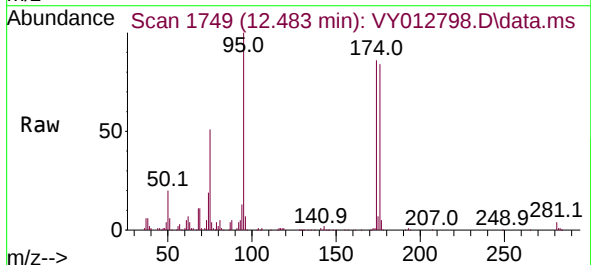
Instrument :
MSVOA_Y
ClientSampleId :
CF-6

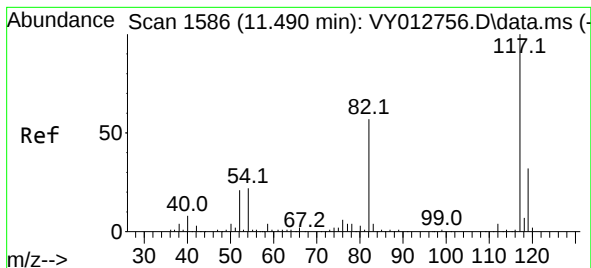
Tgt Ion: 98 Resp: 239832
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 51.932 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012798.D
Acq: 03 Mar 2023 16:04

Tgt Ion: 95 Resp: 74508
Ion Ratio Lower Upper
95 100
174 89.9 0.0 176.6
176 86.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012798.D

Acq: 03 Mar 2023 16:04

Instrument :

MSVOA_Y

ClientSampleId :

CF-6

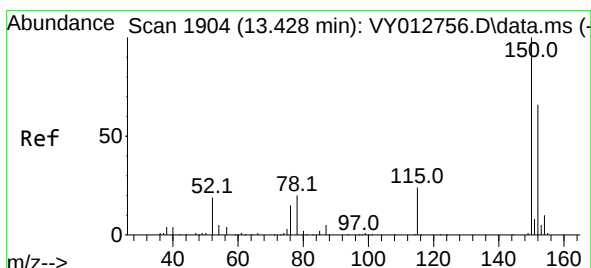
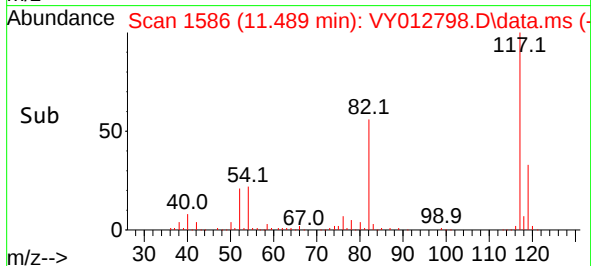
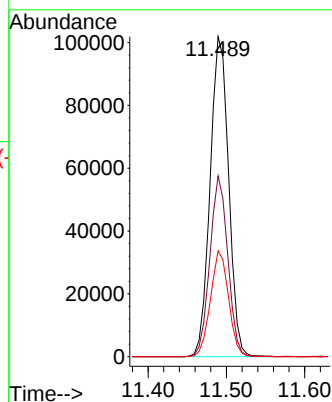
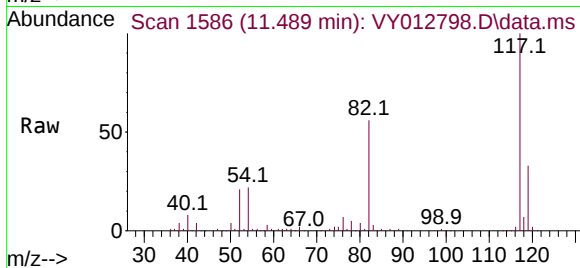
Tgt Ion:117 Resp: 166910

Ion Ratio Lower Upper

117 100

82 56.5 45.4 68.0

119 33.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012798.D

Acq: 03 Mar 2023 16:04

Tgt Ion:152 Resp: 75588

Ion Ratio Lower Upper

152 100

115 55.3 27.1 81.3

150 159.2 0.0 347.8

