

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013028.D
 Acq On : 21 Mar 2023 15:35
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 22 04:21:11 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	78574	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	134365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	125248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56271	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51032	65.414	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.820%
35) Dibromofluoromethane	7.716	113	46966	57.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.840%
50) Toluene-d8	10.179	98	161732	54.557	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.120%
62) 4-Bromofluorobenzene	12.483	95	48704	48.676	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.360%

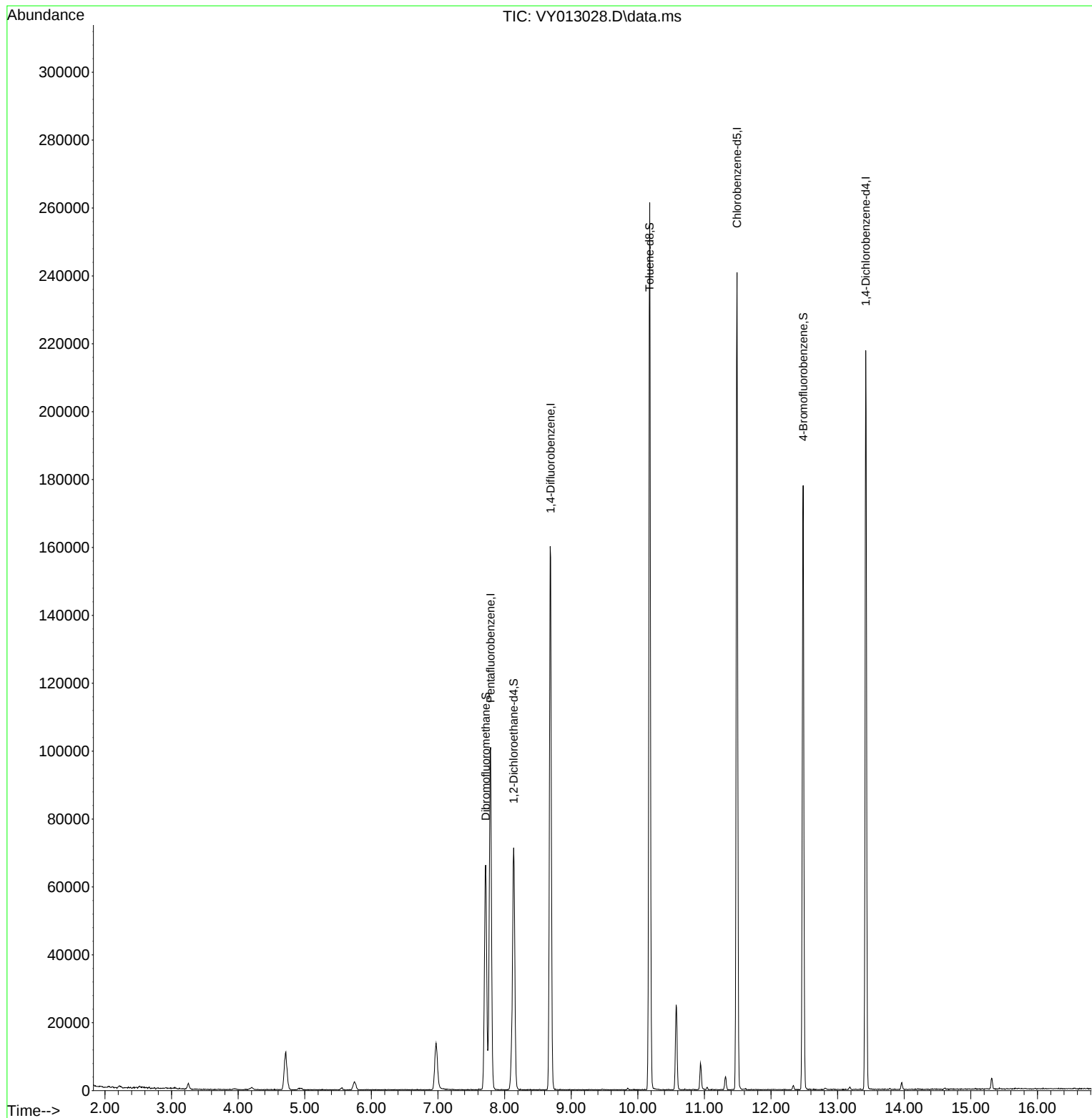
Target Compounds	Qvalue

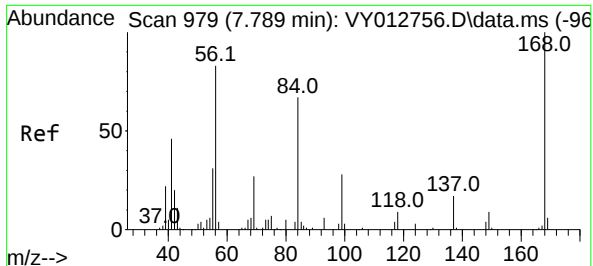
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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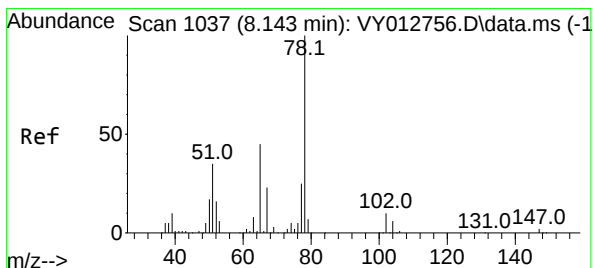
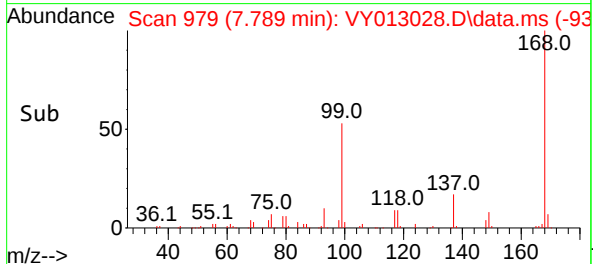
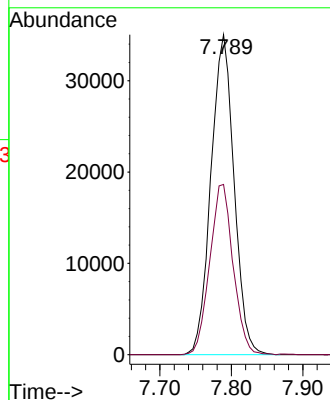
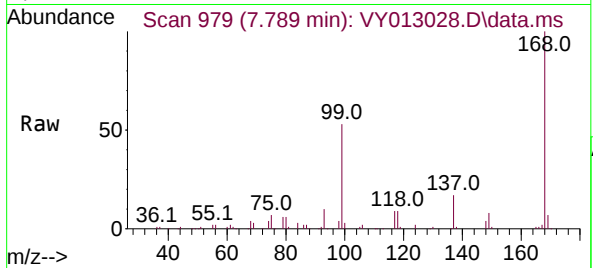




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013028.D
Acq: 21 Mar 2023 15:35

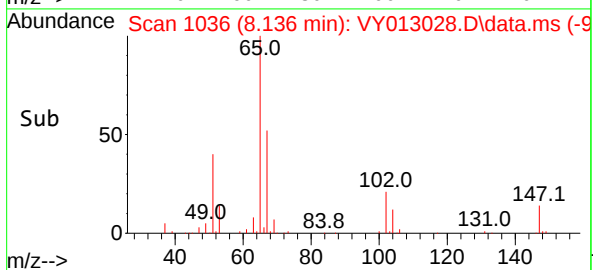
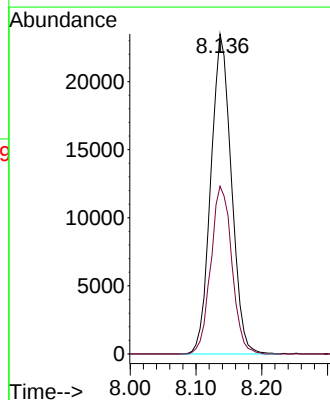
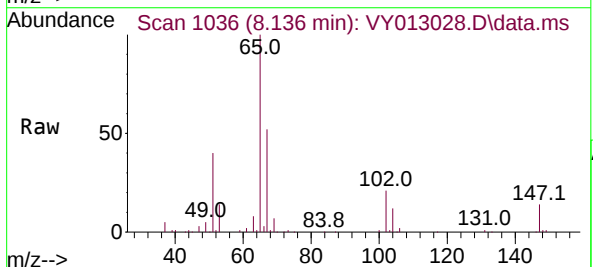
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 78574
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 65.414 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013028.D
Acq: 21 Mar 2023 15:35

Tgt Ion: 65 Resp: 51032
Ion Ratio Lower Upper
65 100
67 53.7 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: VY013028.D

Acq: 21 Mar 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

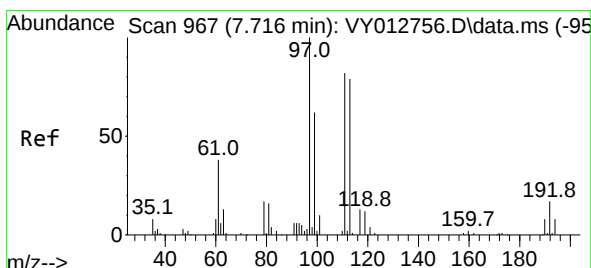
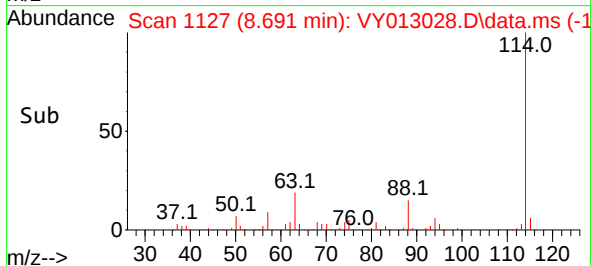
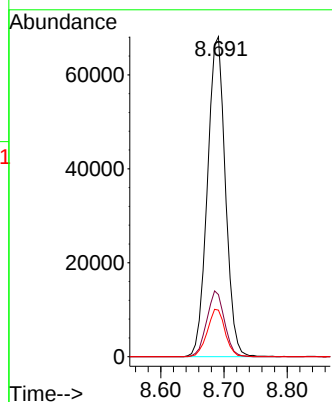
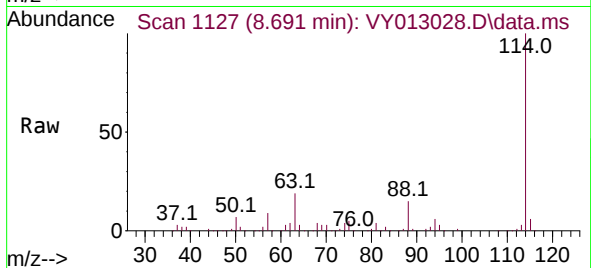
Tgt Ion:114 Resp: 134365

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.919 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013028.D

Acq: 21 Mar 2023 15:35

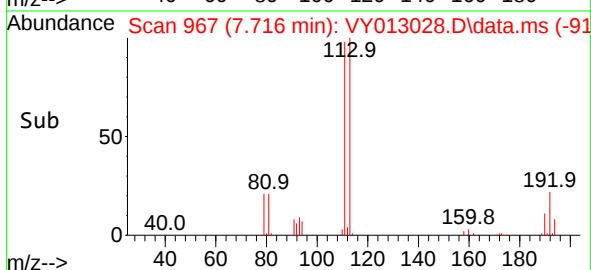
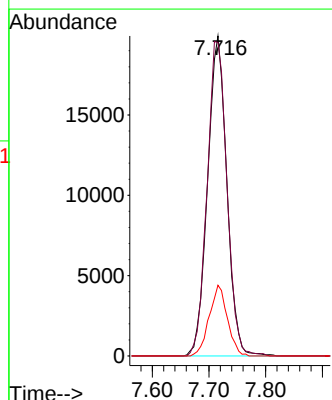
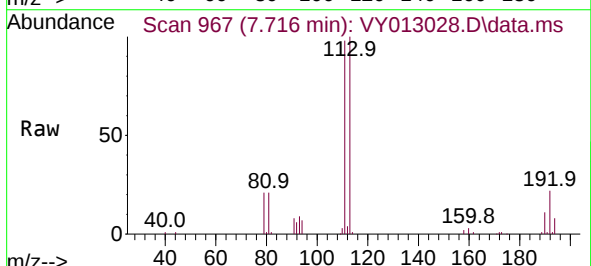
Tgt Ion:113 Resp: 46966

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

192 20.8 16.8 25.2

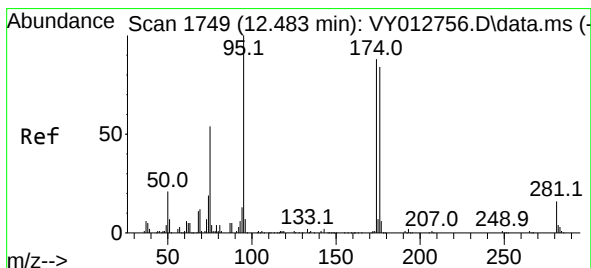
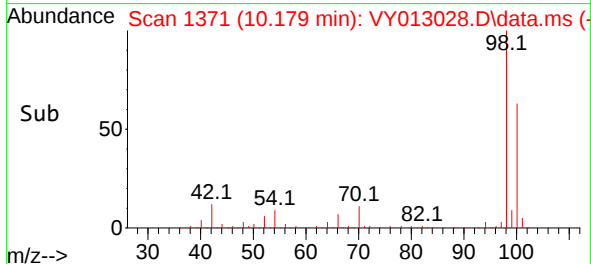
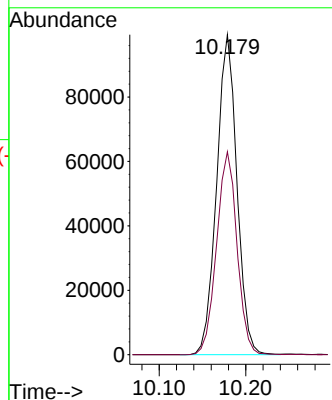
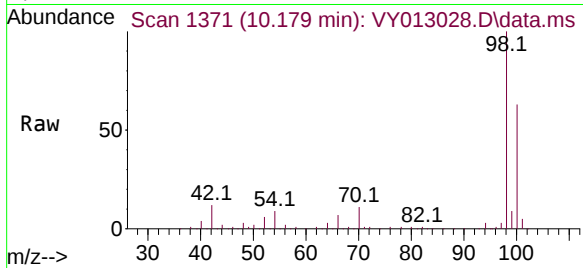




#50
Toluene-d8
Concen: 54.557 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013028.D
Acq: 21 Mar 2023 15:35

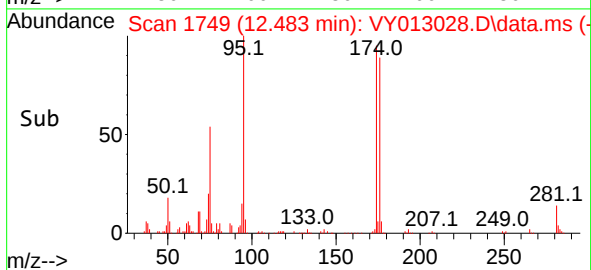
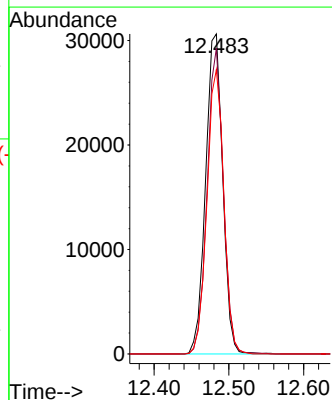
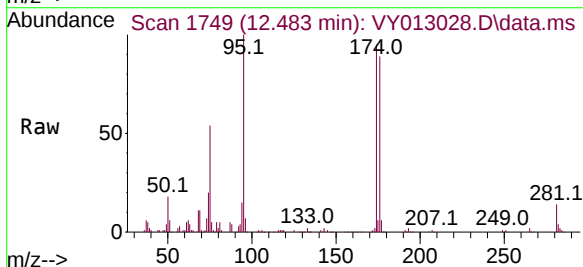
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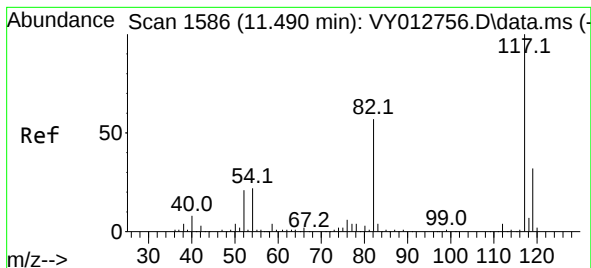
Tgt Ion: 98 Resp: 161732
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.676 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013028.D
Acq: 21 Mar 2023 15:35

Tgt Ion: 95 Resp: 48704
Ion Ratio Lower Upper
95 100
174 90.6 0.0 176.6
176 87.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013028.D

Acq: 21 Mar 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

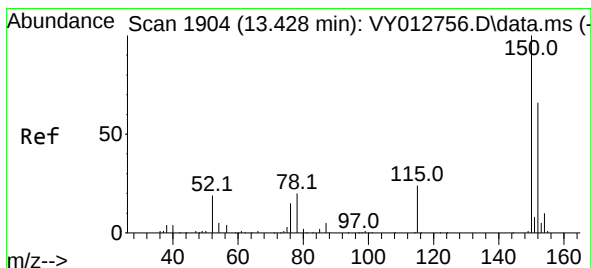
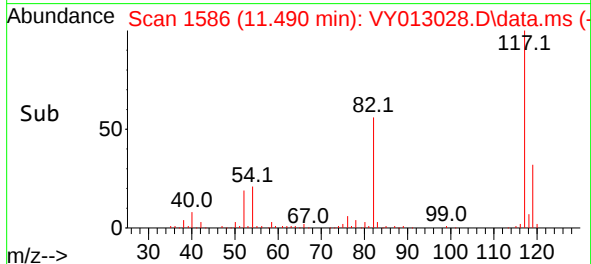
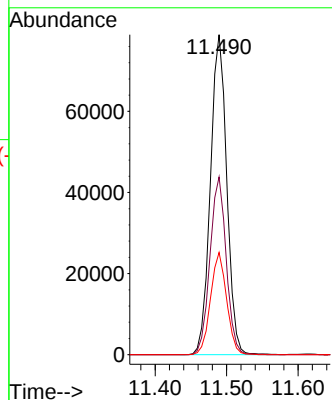
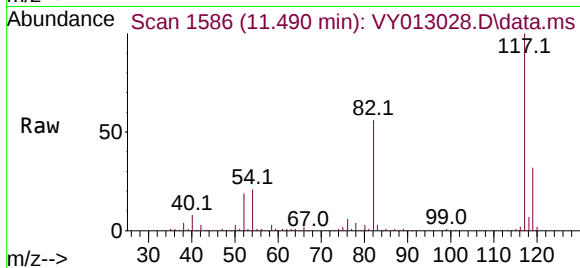
Tgt Ion:117 Resp: 125248

Ion Ratio Lower Upper

117 100

82 55.5 45.4 68.0

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013028.D

Acq: 21 Mar 2023 15:35

Tgt Ion:152 Resp: 56271

Ion Ratio Lower Upper

152 100

115 54.6 27.1 81.3

150 156.3 0.0 347.8

