

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013624.D
 Acq On : 05 May 2023 14:44
 Operator : KP/MD
 Sample : 02655-01
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-1

Quant Time: May 08 00:24:26 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	199884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	330198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	312289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131922	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	146712	66.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.920%
35) Dibromofluoromethane	7.716	113	114659	55.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.420%
50) Toluene-d8	10.179	98	401872	54.395	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.800%
62) 4-Bromofluorobenzene	12.477	95	125589	50.424	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.840%

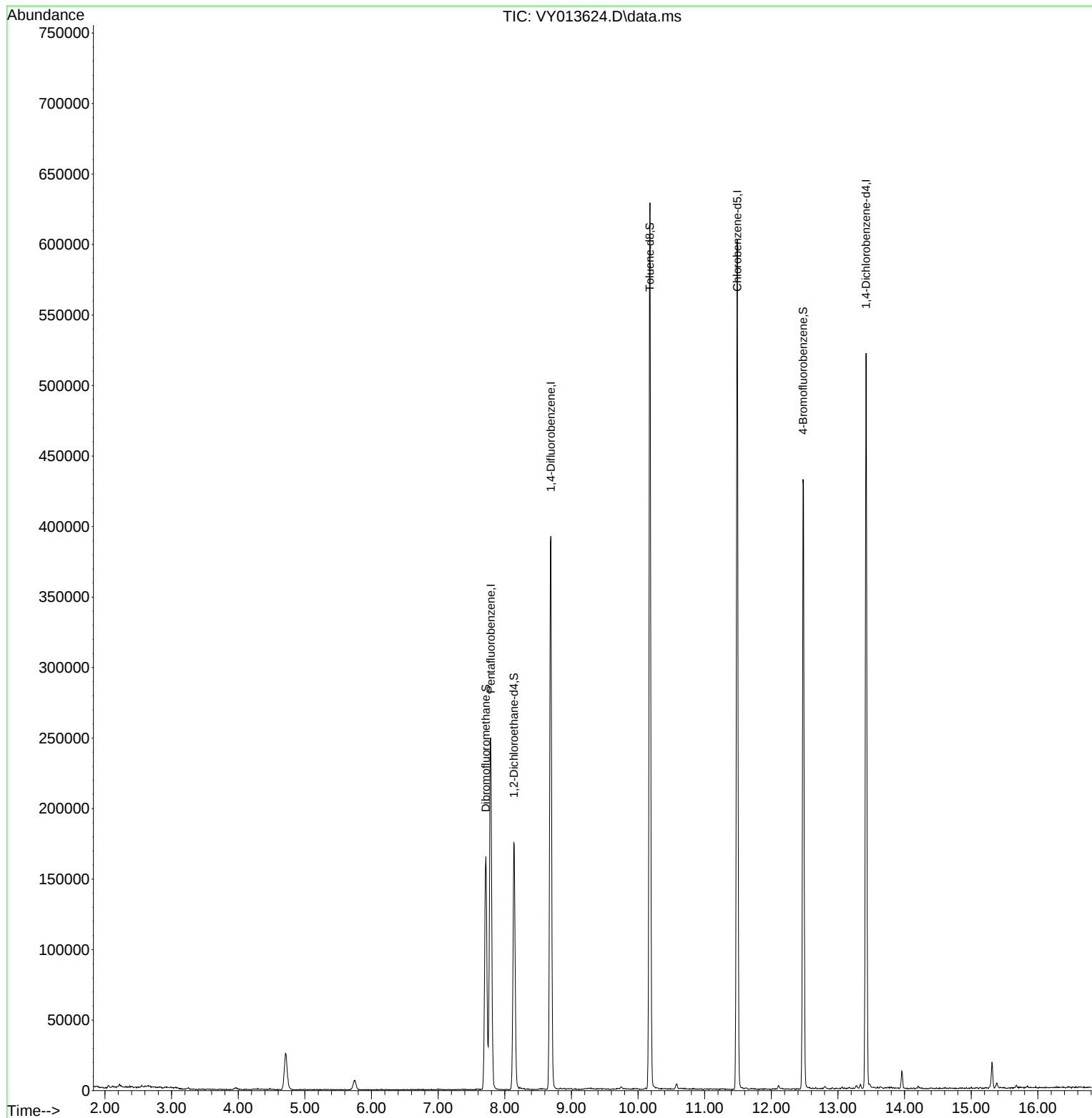
Target Compounds	Qvalue

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

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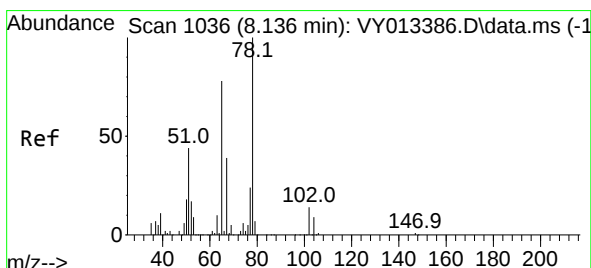
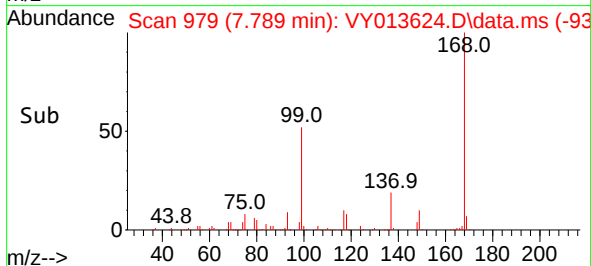
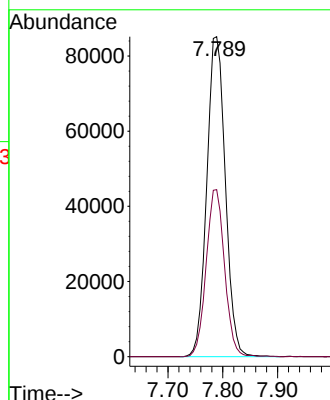
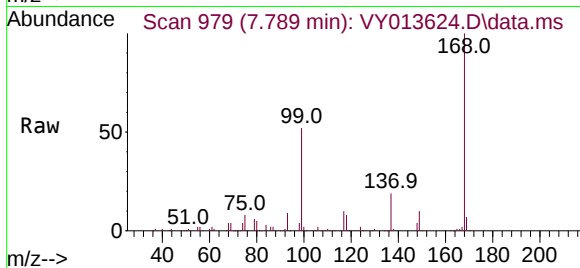




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013624.D
Acq: 05 May 2023 14:44

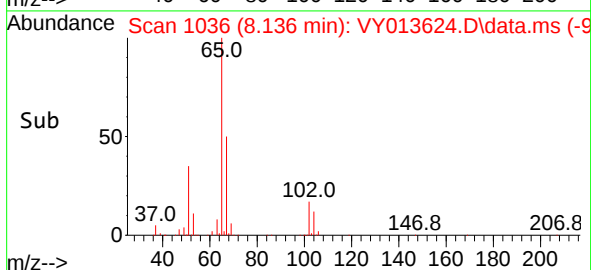
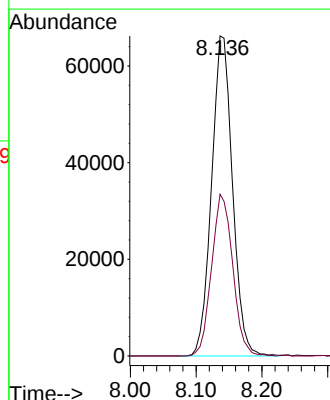
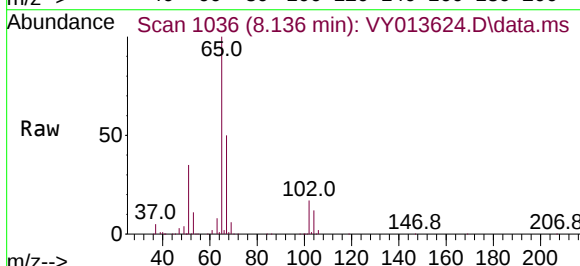
Instrument :
MSVOA_Y
ClientSampleId :
SS-1

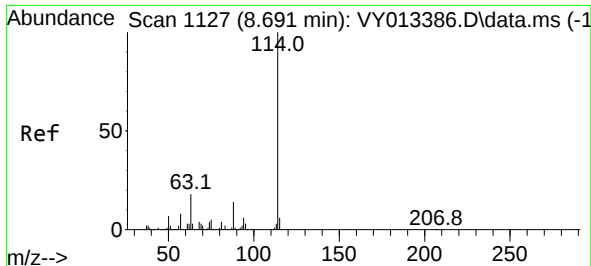
Tgt Ion:168 Resp: 199884
Ion Ratio Lower Upper
168 100
99 52.2 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 66.956 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013624.D
Acq: 05 May 2023 14:44

Tgt Ion: 65 Resp: 146712
Ion Ratio Lower Upper
65 100
67 51.1 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: VY013624.D

Acq: 05 May 2023 14:44

Instrument :

MSVOA_Y

ClientSampleId :

SS-1

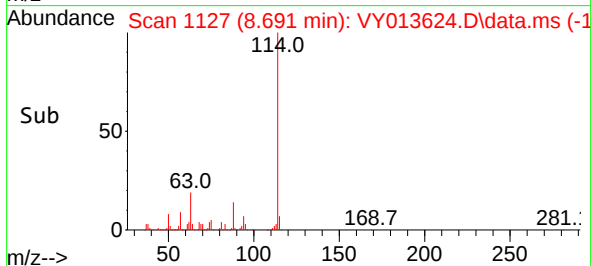
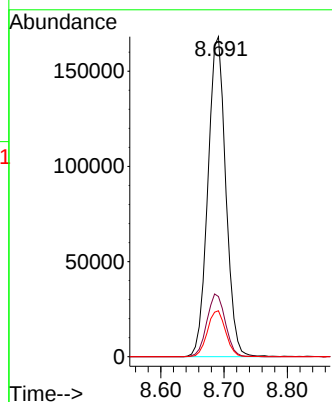
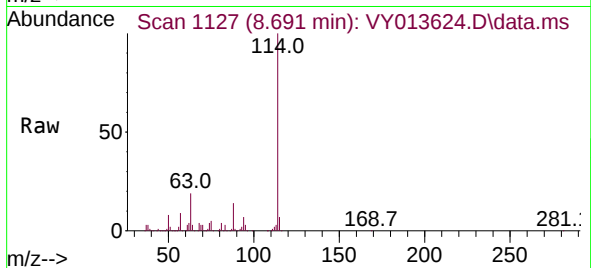
Tgt Ion:114 Resp: 330198

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.6

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.210 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013624.D

Acq: 05 May 2023 14:44

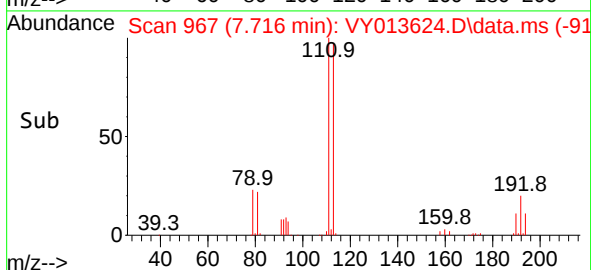
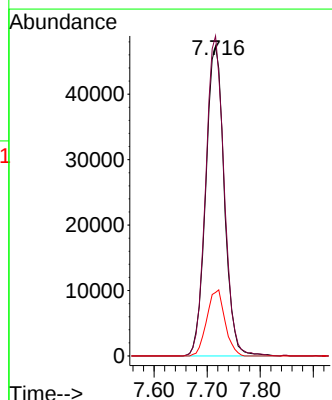
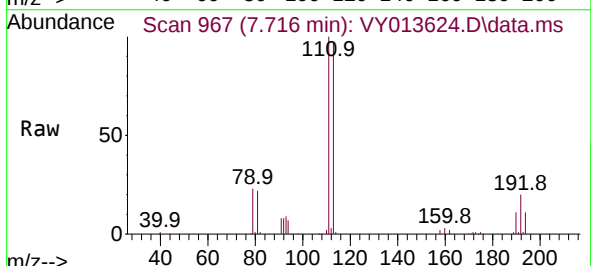
Tgt Ion:113 Resp: 114659

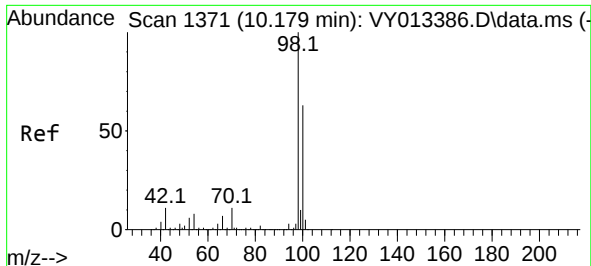
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 20.9 16.7 25.1

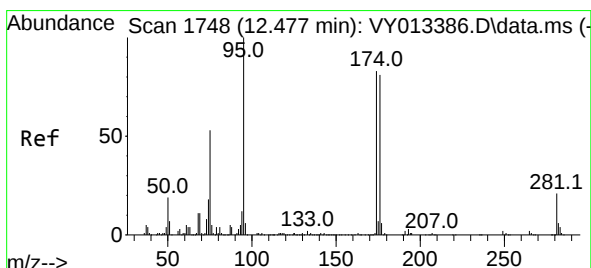
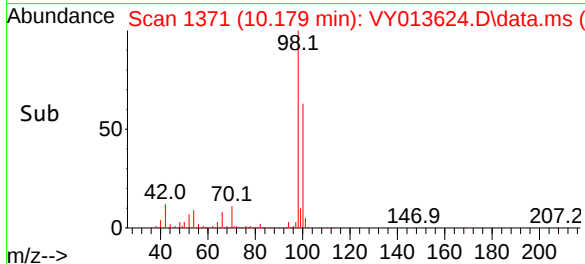
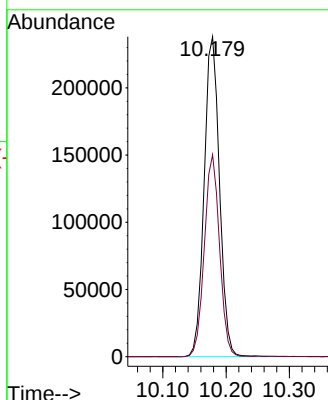
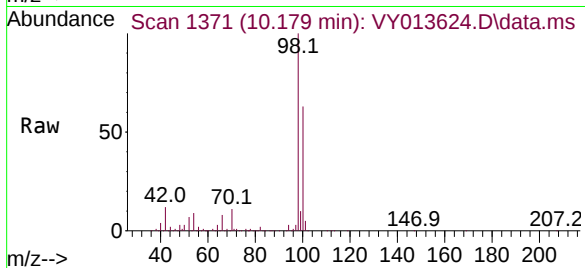




#50
Toluene-d8
Concen: 54.395 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013624.D
Acq: 05 May 2023 14:44

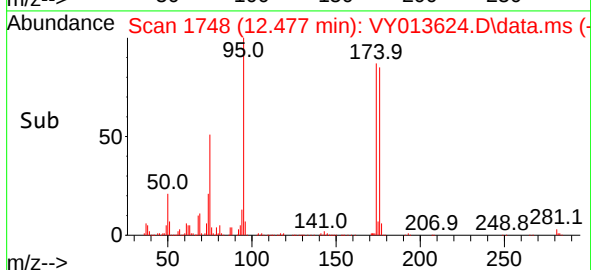
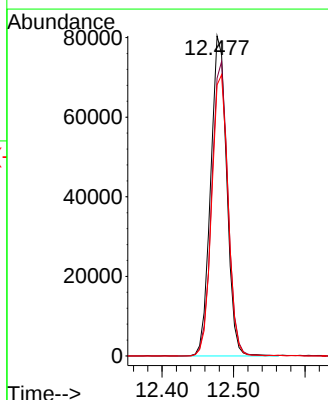
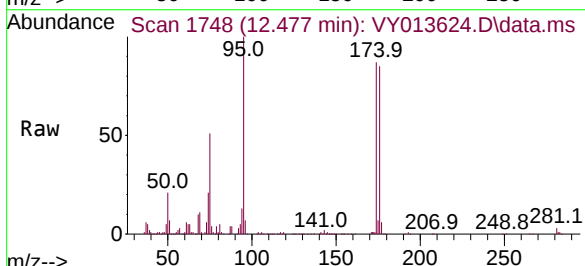
Instrument :
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ClientSampleId :
SS-1

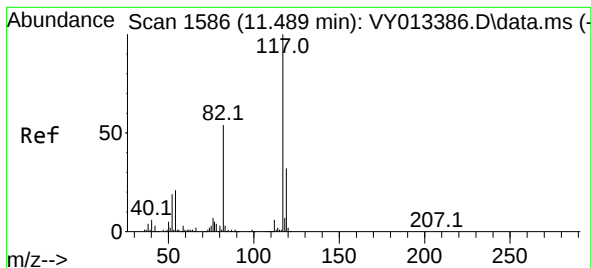
Tgt Ion: 98 Resp: 401872
Ion Ratio Lower Upper
98 100
100 62.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 50.424 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013624.D
Acq: 05 May 2023 14:44

Tgt Ion: 95 Resp: 125589
Ion Ratio Lower Upper
95 100
174 92.8 0.0 182.0
176 89.6 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013624.D

Acq: 05 May 2023 14:44

Instrument :

MSVOA_Y

ClientSampleId :

SS-1

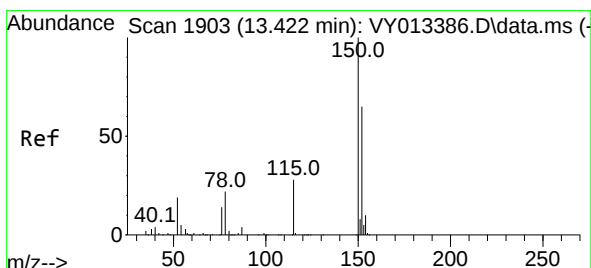
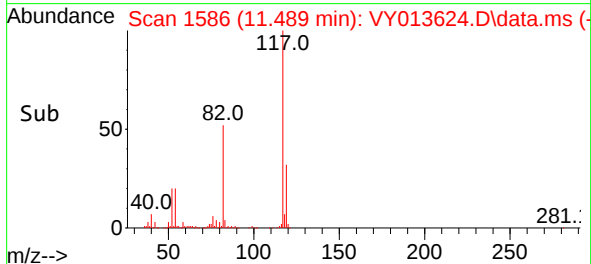
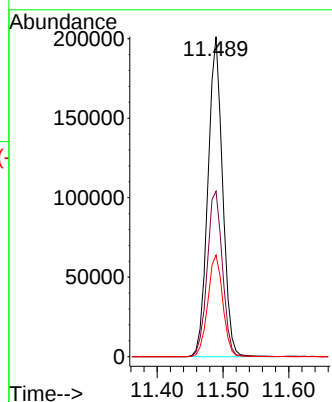
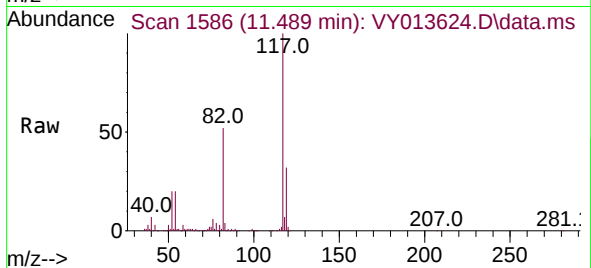
Tgt Ion:117 Resp: 312289

Ion Ratio Lower Upper

117 100

82 51.7 43.0 64.6

119 31.8 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: VY013624.D

Acq: 05 May 2023 14:44

Tgt Ion:152 Resp: 131922

Ion Ratio Lower Upper

152 100

115 56.4 28.1 84.2

150 157.5 0.0 352.0

