

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
 Data File : VY012943.D
 Acq On : 14 Mar 2023 15:23
 Operator : KP/MD
 Sample : 01901-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-031323

Quant Time: Mar 15 01:43:39 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	7.783	168	1172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	1826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	305	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	874	75.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.220%
35) Dibromofluoromethane	7.716	113	628	56.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.980%
50) Toluene-d8	10.185	98	2092	51.928	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.860%
62) 4-Bromofluorobenzene	12.483	95	467	34.344	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.680%

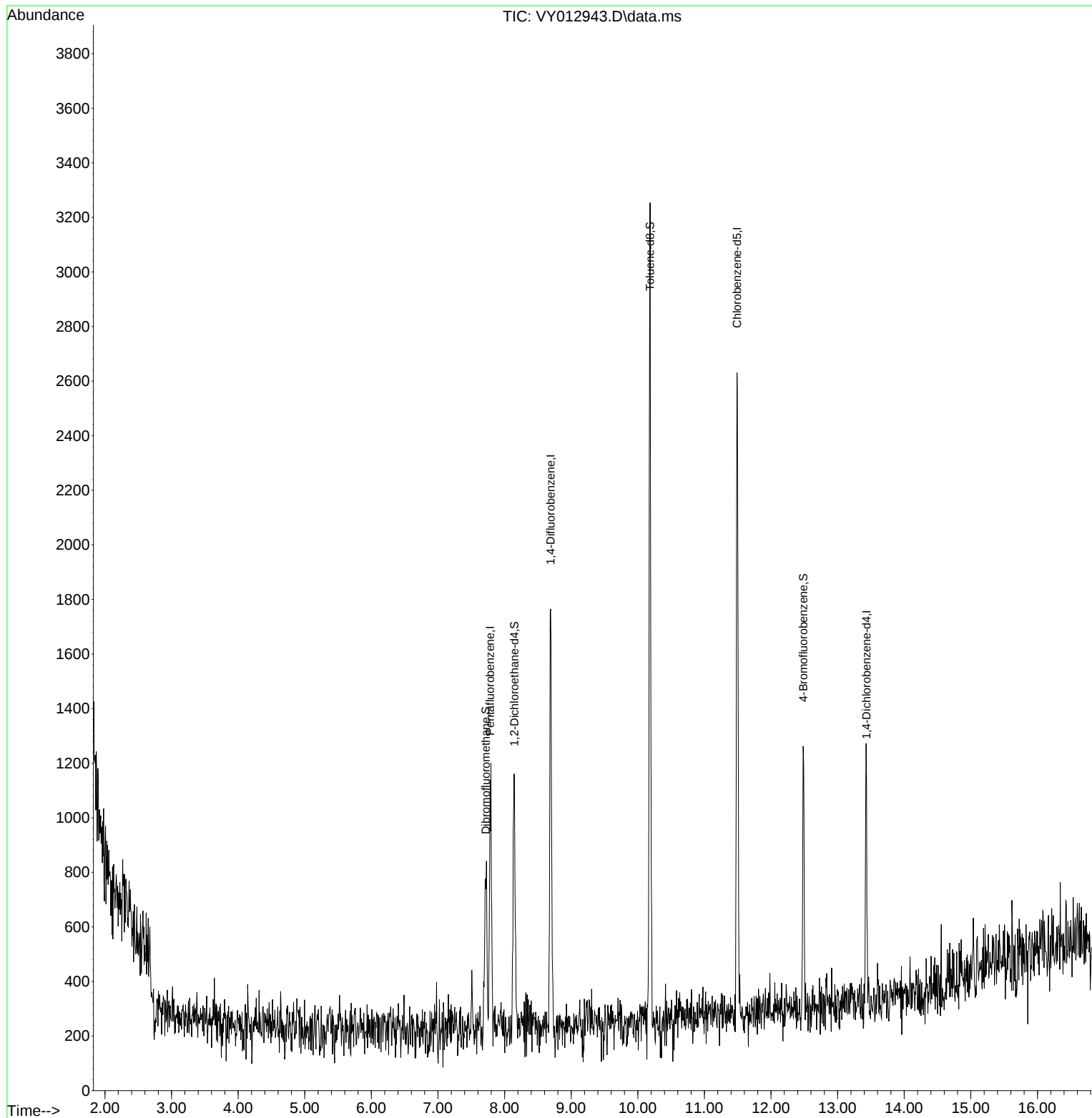
Target Compounds	Qvalue

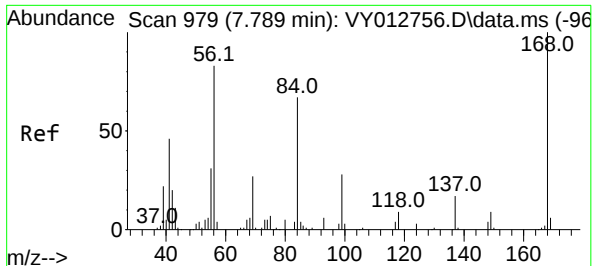
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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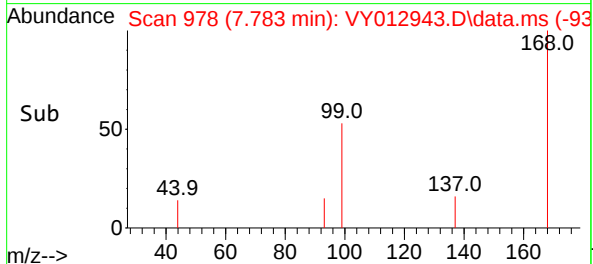
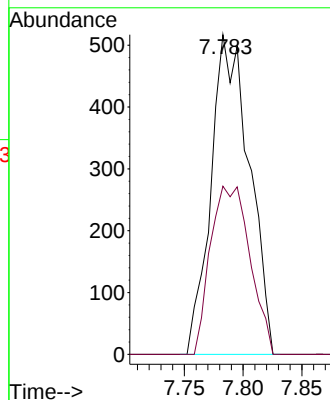
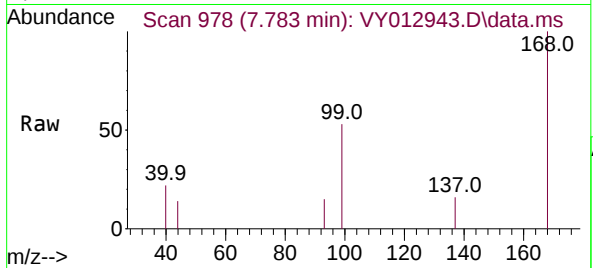




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012943.D
Acq: 14 Mar 2023 15:23

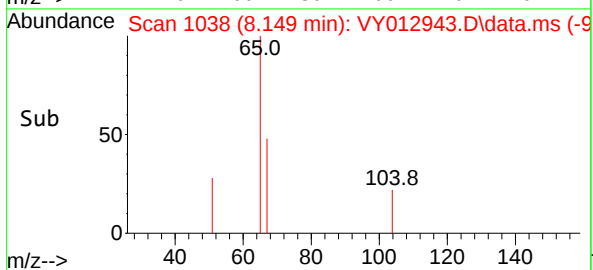
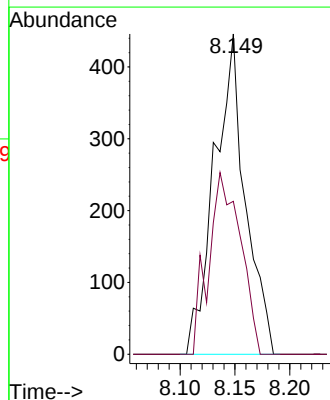
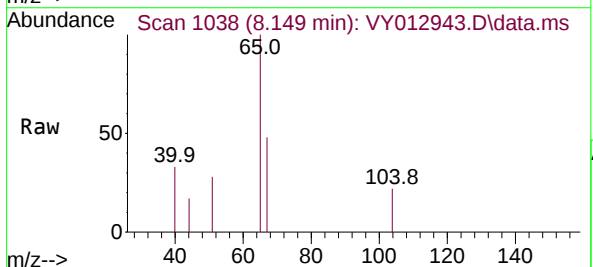
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-031323

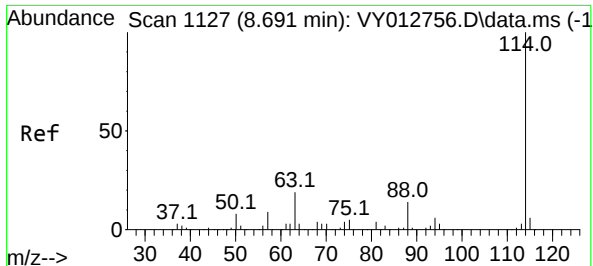
Tgt Ion:168 Resp: 1172
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 75.109 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY012943.D
Acq: 14 Mar 2023 15:23

Tgt Ion: 65 Resp: 874
Ion Ratio Lower Upper
65 100
67 58.7 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: VY012943.D

Acq: 14 Mar 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-031323

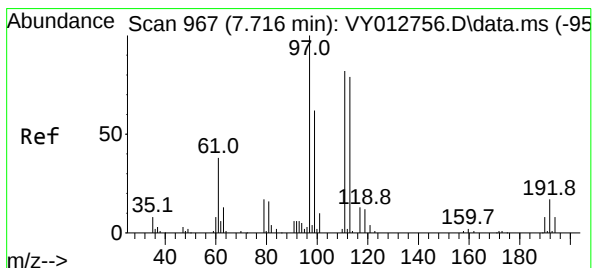
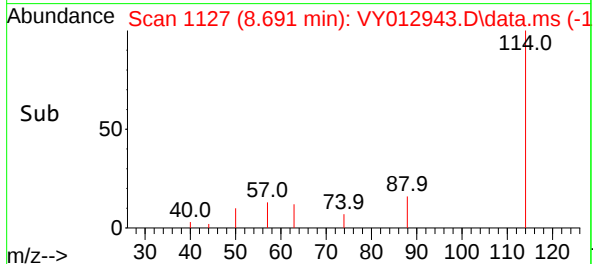
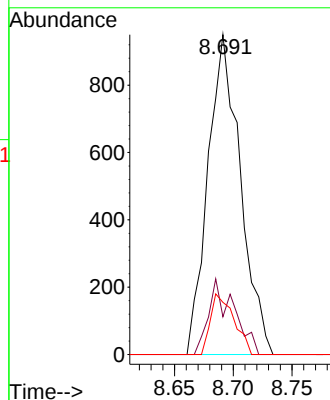
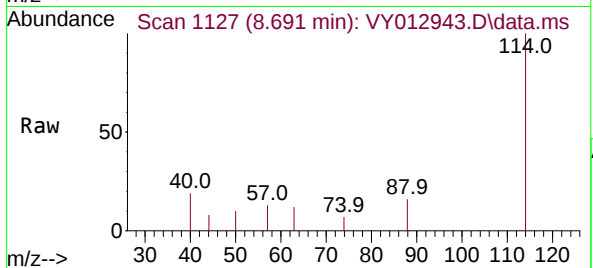
Tgt Ion:114 Resp: 1826

Ion Ratio Lower Upper

114 100

63 11.8 0.0 37.4

88 16.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.988 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012943.D

Acq: 14 Mar 2023 15:23

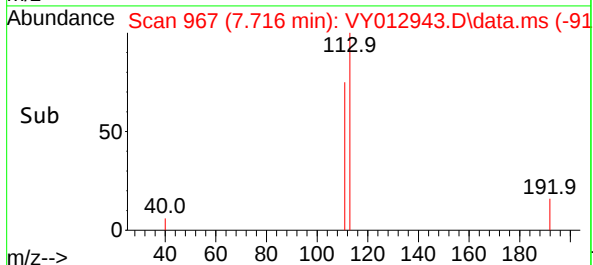
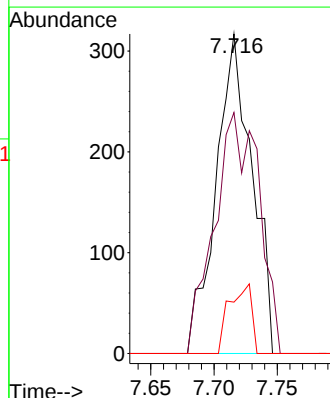
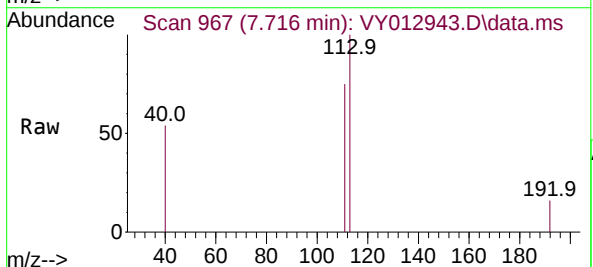
Tgt Ion:113 Resp: 628

Ion Ratio Lower Upper

113 100

111 93.8 82.2 123.2

192 13.4 16.8 25.2#





#50

Toluene-d8

Concen: 51.928 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012943.D

Acq: 14 Mar 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

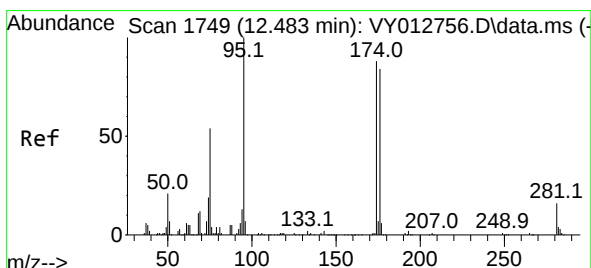
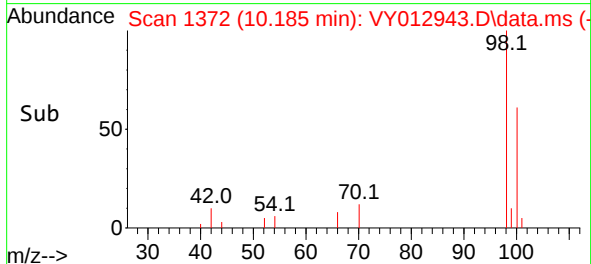
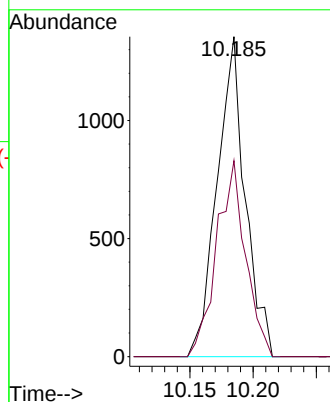
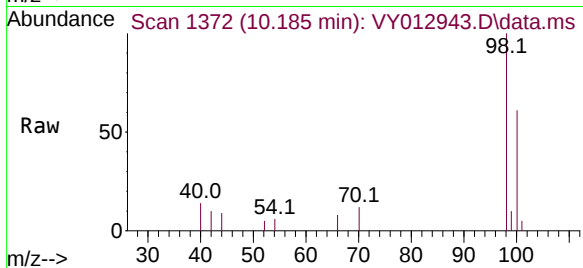
TR-04-031323

Tgt Ion: 98 Resp: 2092

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 34.344 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012943.D

Acq: 14 Mar 2023 15:23

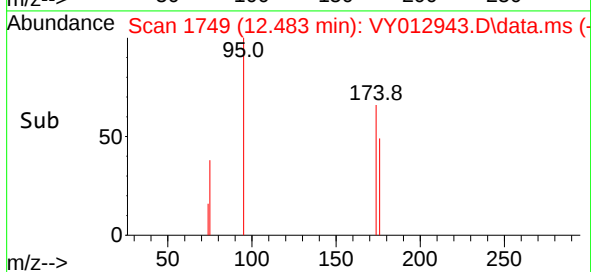
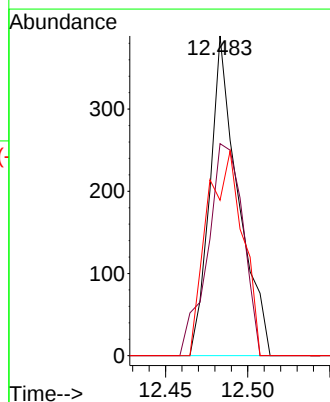
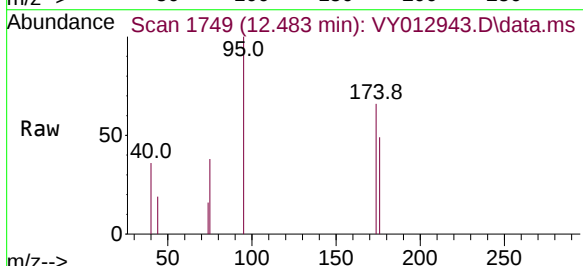
Tgt Ion: 95 Resp: 467

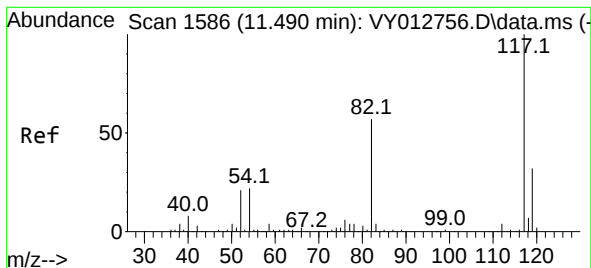
Ion Ratio Lower Upper

95 100

174 82.0 0.0 176.6

176 80.7 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: VY012943.D

Acq: 14 Mar 2023 15:23

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-031323

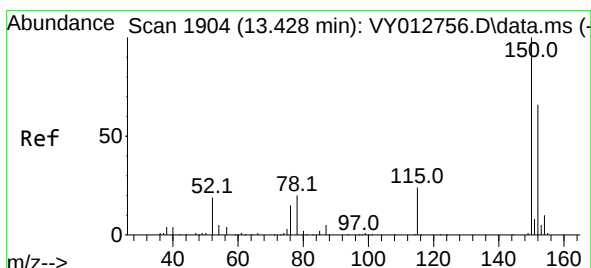
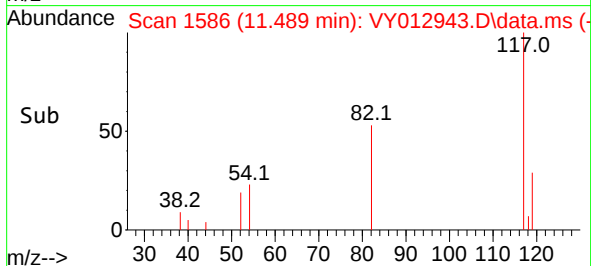
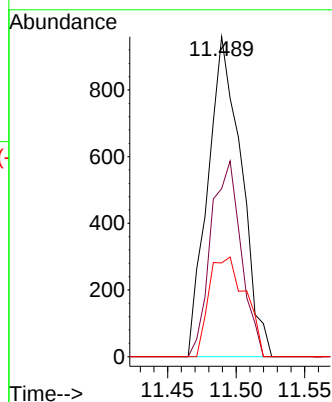
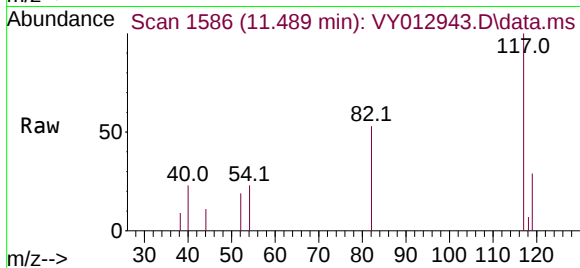
Tgt Ion:117 Resp: 1632

Ion Ratio Lower Upper

117 100

82 52.5 45.4 68.0

119 29.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY012943.D

Acq: 14 Mar 2023 15:23

Tgt Ion:152 Resp: 305

Ion Ratio Lower Upper

152 100

115 62.3 27.1 81.3

150 177.4 0.0 347.8

