

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015801.D
 Acq On : 03 Oct 2023 13:22
 Operator : SY/MD
 Sample : 04627-27
 Misc : 3.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 280-300FB-BACKFILL-14

Quant Time: Oct 04 01:10:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	110123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	191932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81326	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76205	62.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.780%
35) Dibromofluoromethane	7.716	113	63899	55.623	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.240%
50) Toluene-d8	10.179	98	225996	58.021	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	116.040%
62) 4-Bromofluorobenzene	12.483	95	76114	49.794	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.580%

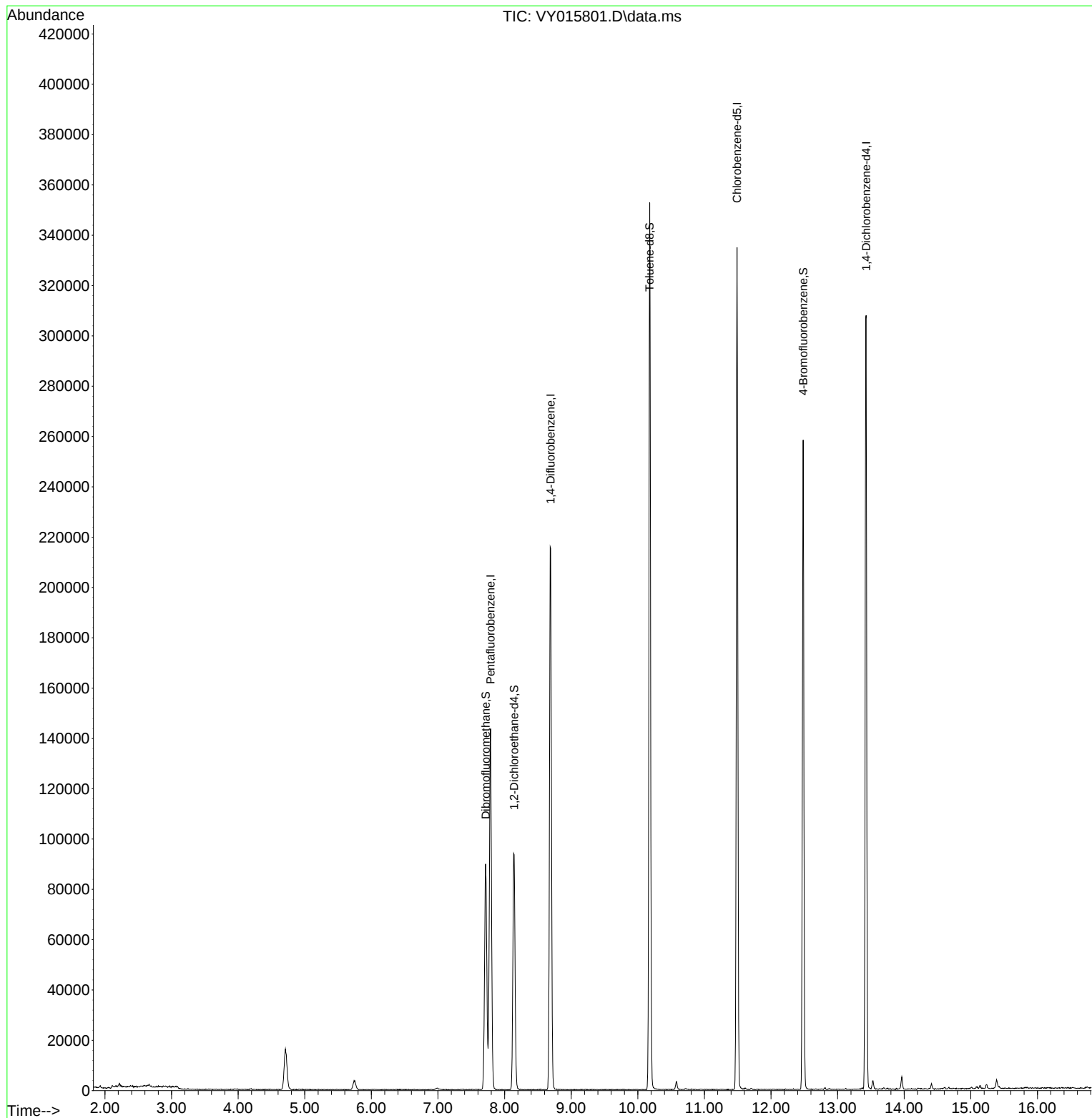
Target Compounds	Qvalue

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

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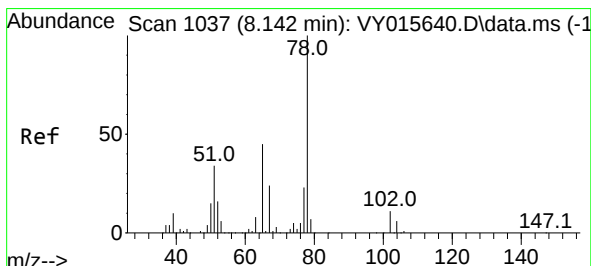
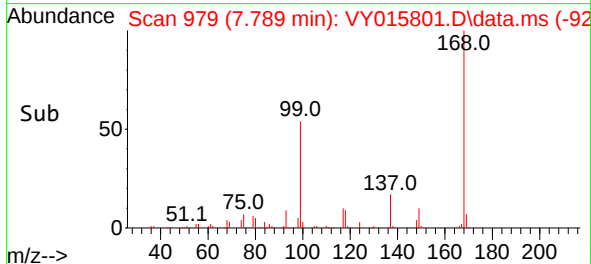
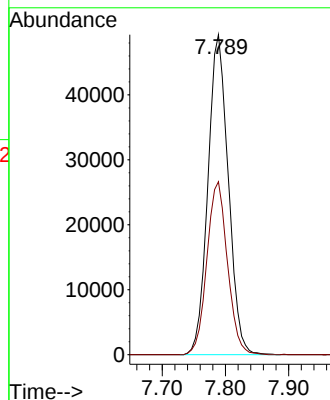
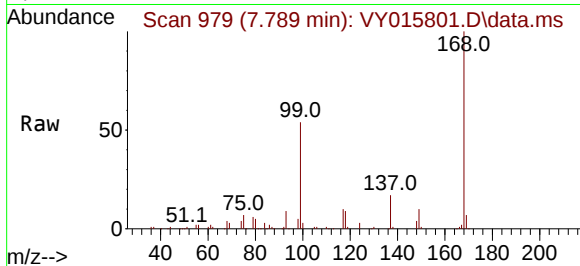




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

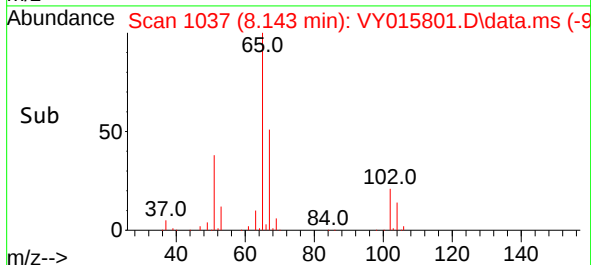
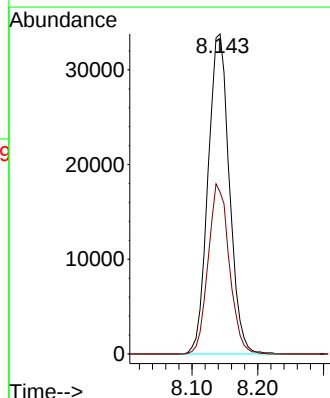
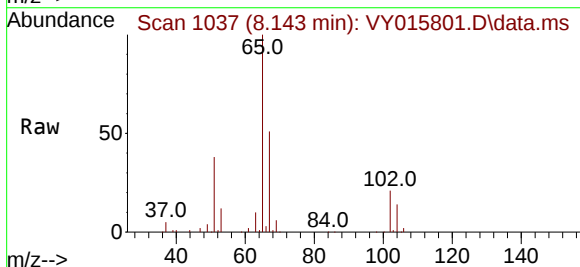
Instrument :
MSVOA_Y
ClientSampleId :
280-300FB-BACKFILL-14

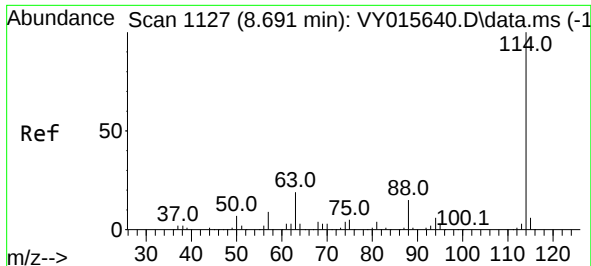
Tgt Ion:168 Resp: 110123
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 62.893 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

Tgt Ion: 65 Resp: 76205
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015801.D

Acq: 03 Oct 2023 13:22

Instrument :

MSVOA_Y

ClientSampleId :

280-300FB-BACKFILL-14

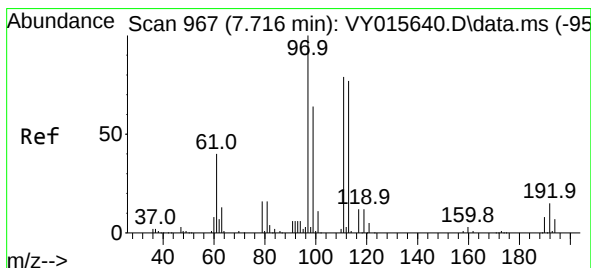
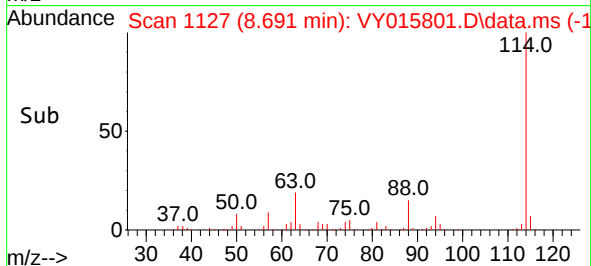
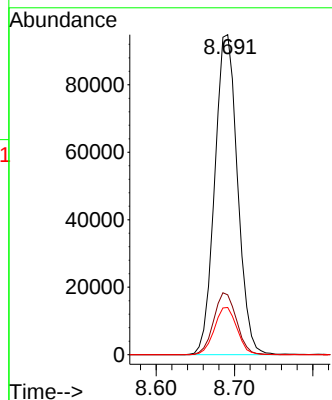
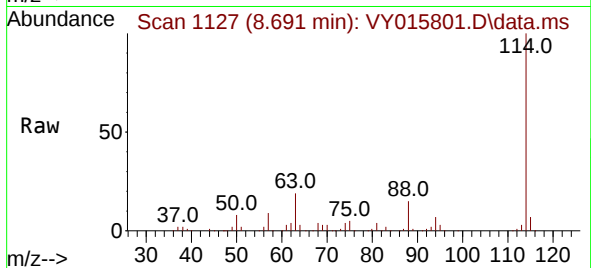
Tgt Ion:114 Resp: 191932

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.623 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015801.D

Acq: 03 Oct 2023 13:22

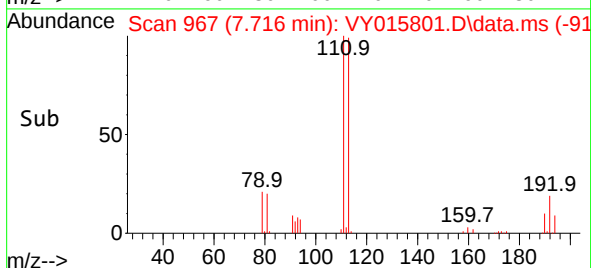
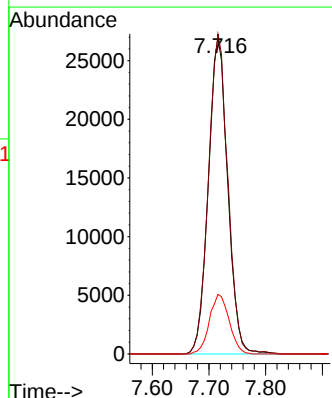
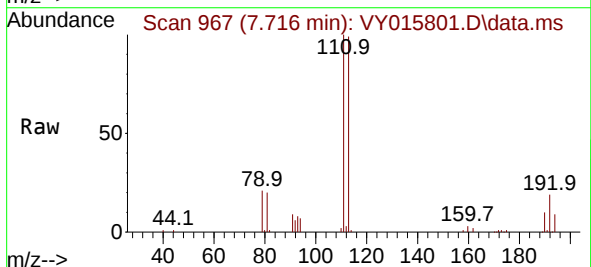
Tgt Ion:113 Resp: 63899

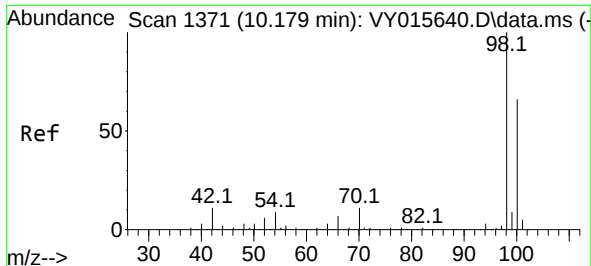
Ion Ratio Lower Upper

113 100

111 101.6 81.3 121.9

192 19.2 16.9 25.3

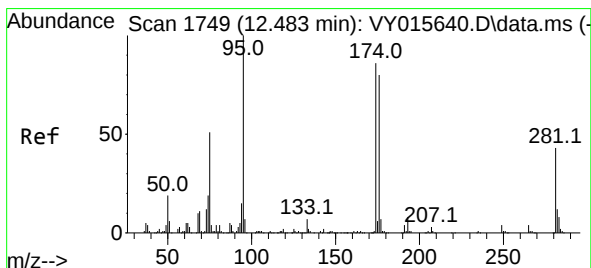
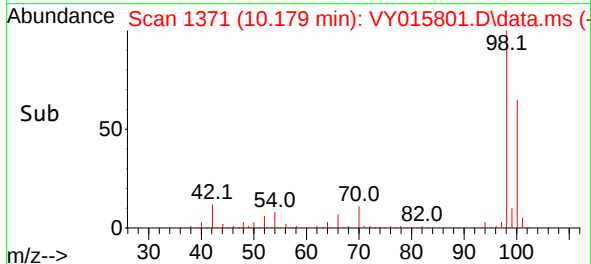
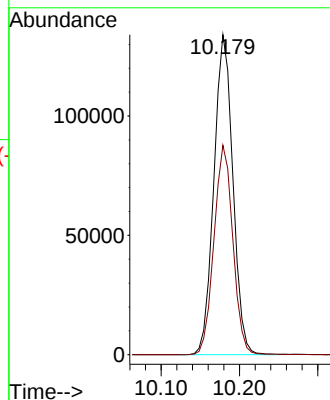
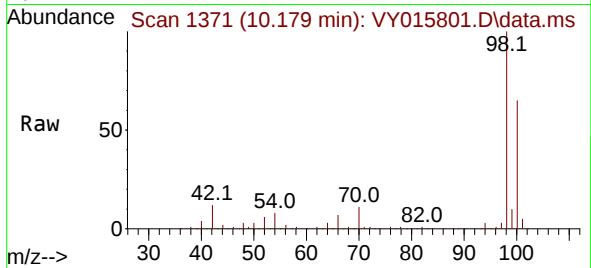




#50
Toluene-d8
Concen: 58.021 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

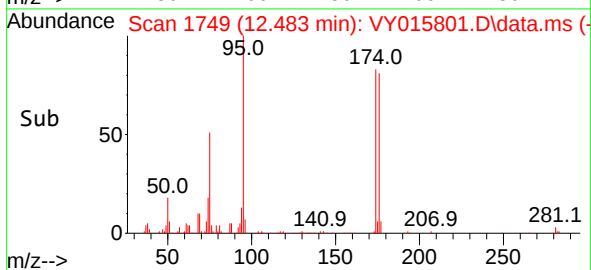
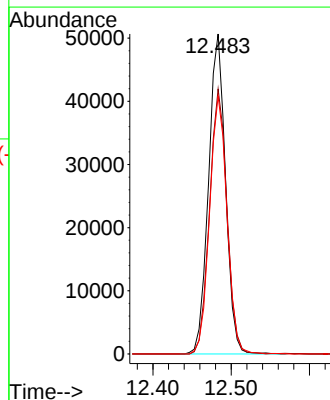
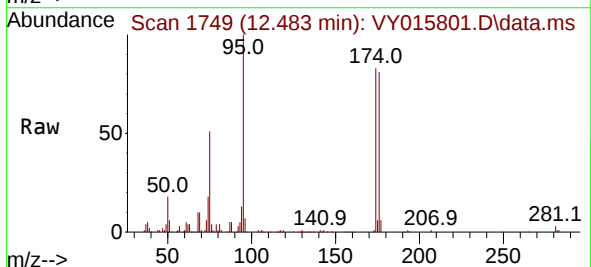
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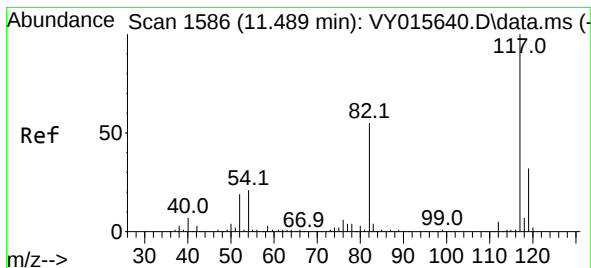
Tgt Ion: 98 Resp: 225996
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.794 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015801.D
Acq: 03 Oct 2023 13:22

Tgt Ion: 95 Resp: 76114
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY015801.D

Acq: 03 Oct 2023 13:22

Instrument :

MSVOA_Y

ClientSampleId :

280-300FB-BACKFILL-14

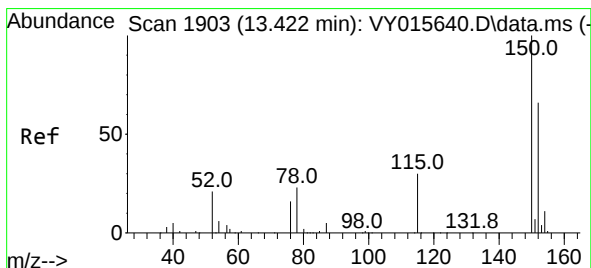
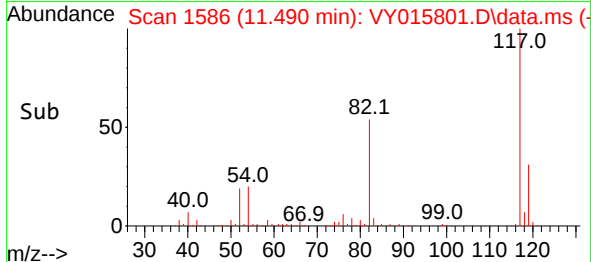
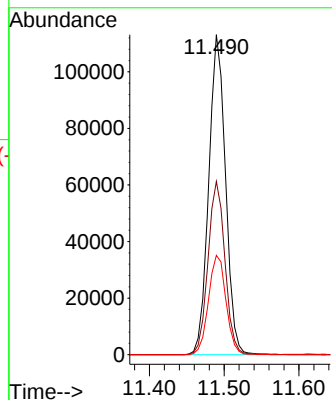
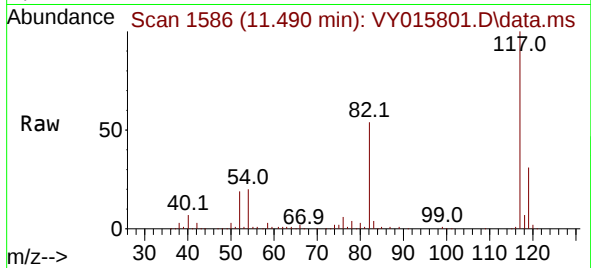
Tgt Ion:117 Resp: 176972

Ion Ratio Lower Upper

117 100

82 54.1 43.4 65.0

119 31.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015801.D

Acq: 03 Oct 2023 13:22

Tgt Ion:152 Resp: 81326

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 156.8 0.0 348.8

