

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015473.D
 Acq On : 07 Sep 2023 17:44
 Operator : SY/MD
 Sample : 04338-07
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2

Quant Time: Sep 07 23:11:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	361613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	597897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	539754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	262368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	231729	59.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.560%
35) Dibromofluoromethane	7.703	113	186577	54.178	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.360%
50) Toluene-d8	10.173	98	694540	55.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.380%
62) 4-Bromofluorobenzene	12.477	95	246244	53.187	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.380%

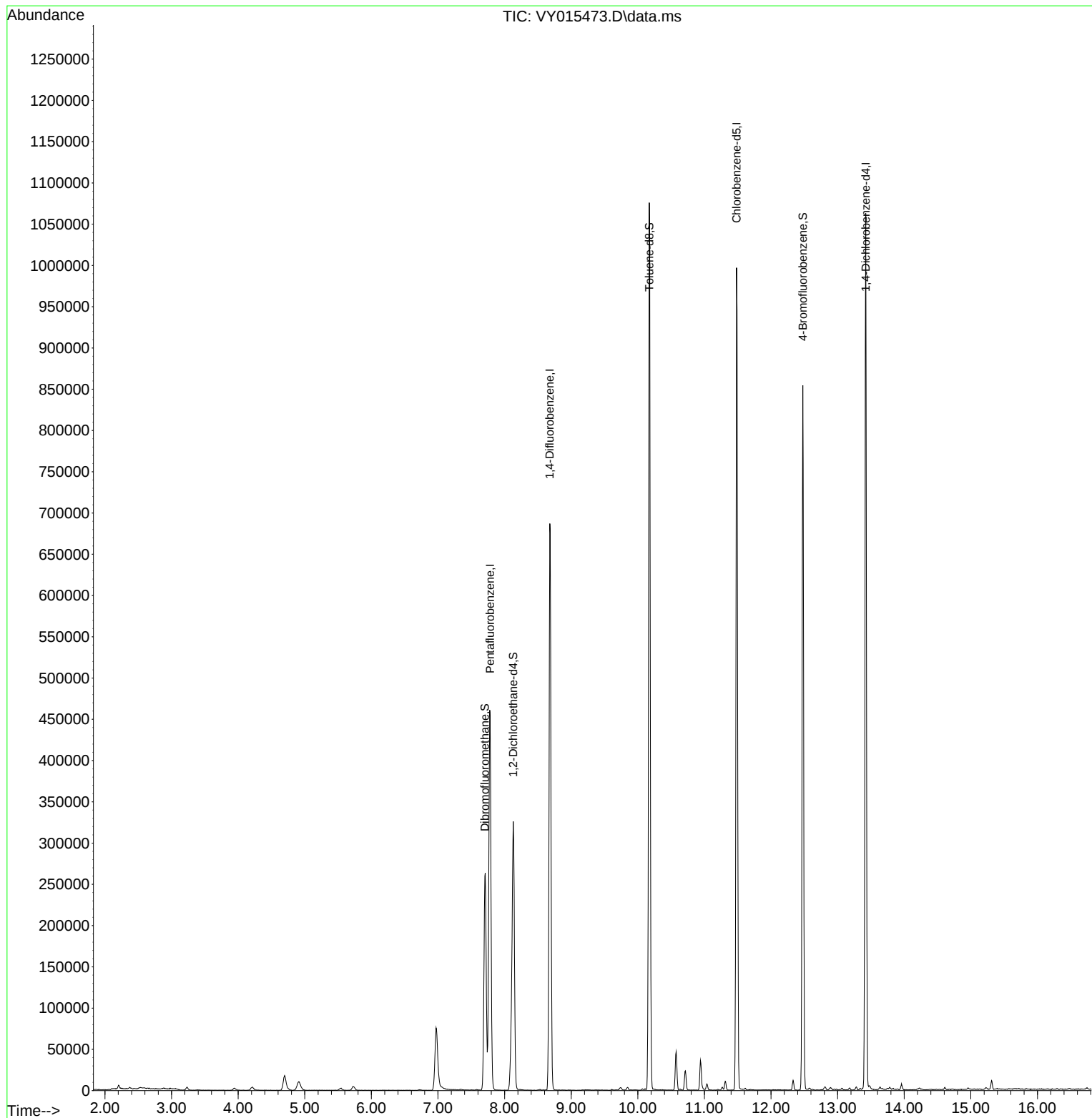
Target Compounds	Qvalue

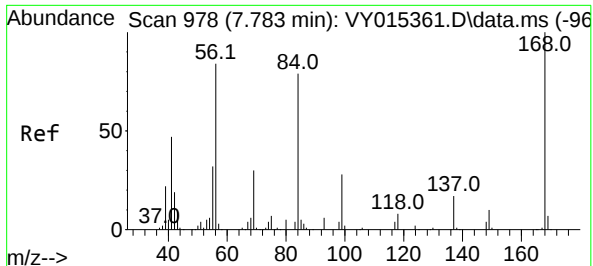
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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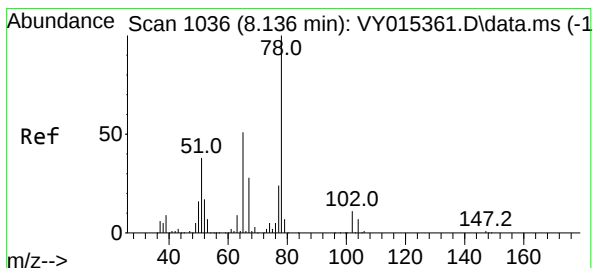
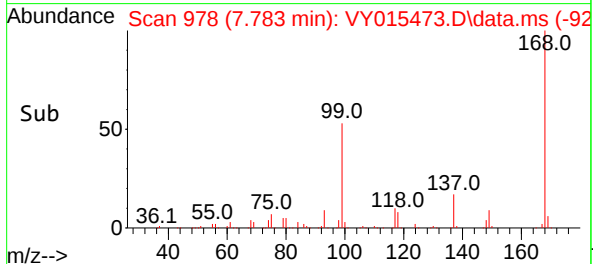
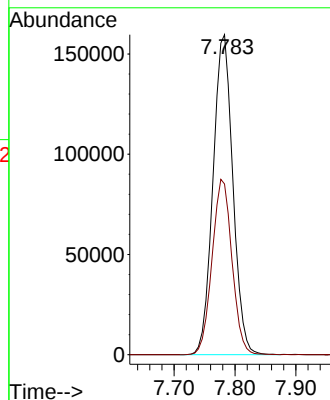
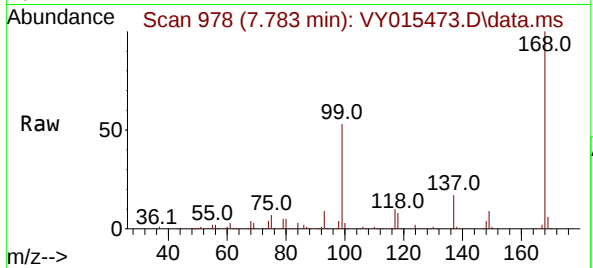




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015473.D
Acq: 07 Sep 2023 17:44

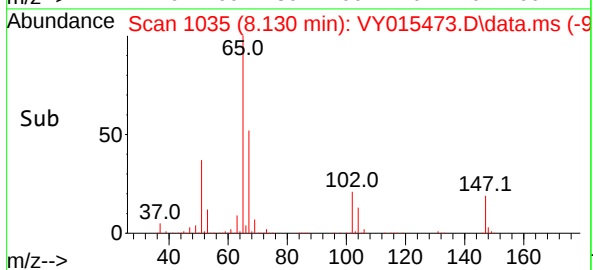
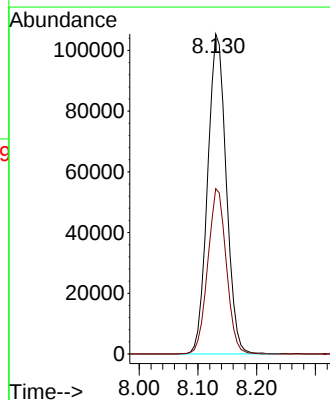
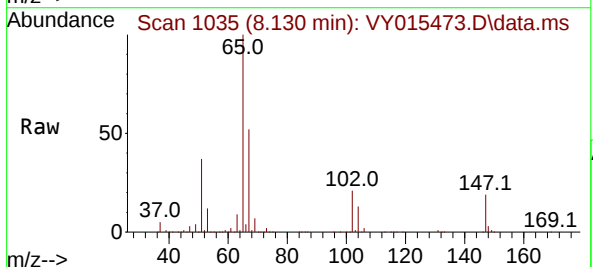
Instrument :
MSVOA_Y
ClientSampleId :
TP2

Tgt Ion:168 Resp: 361613
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 59.779 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015473.D
Acq: 07 Sep 2023 17:44

Tgt Ion: 65 Resp: 231729
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY015473.D

Acq: 07 Sep 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

TP2

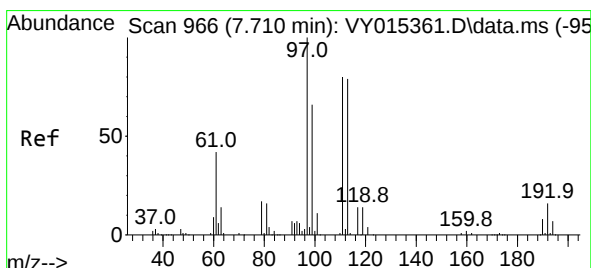
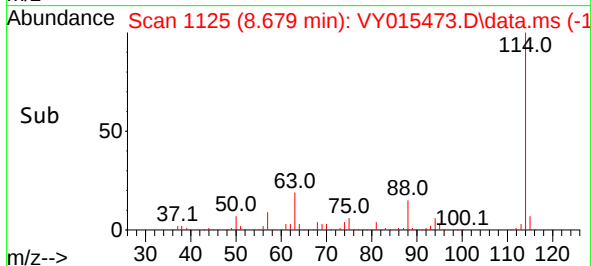
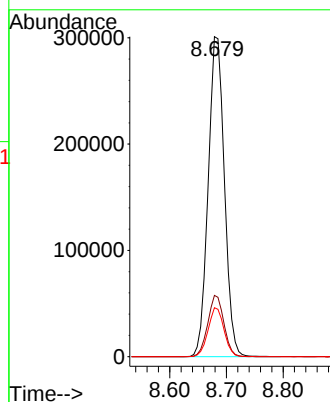
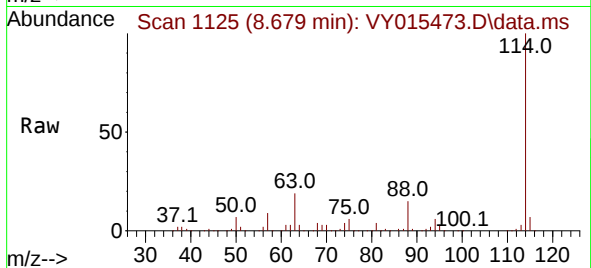
Tgt Ion:114 Resp: 597897

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.178 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.012 min

Lab File: VY015473.D

Acq: 07 Sep 2023 17:44

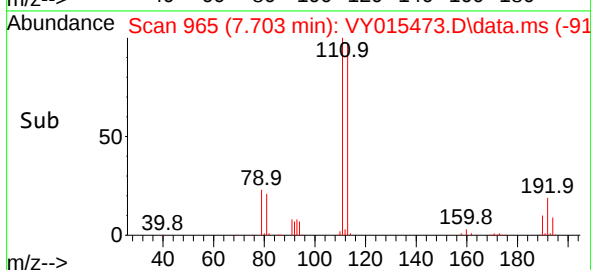
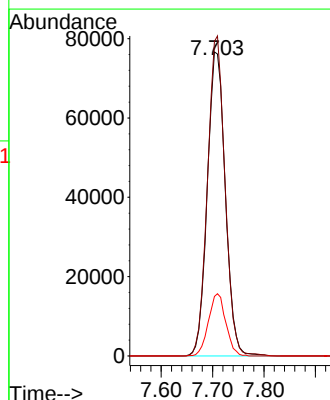
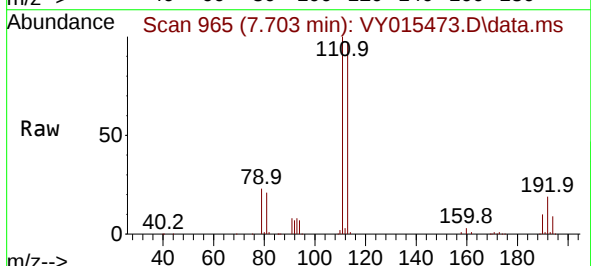
Tgt Ion:113 Resp: 186577

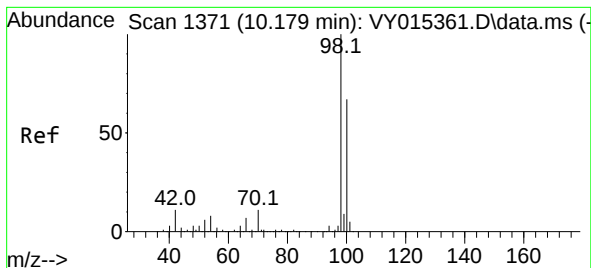
Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 19.7 16.9 25.3





#50

Toluene-d8

Concen: 55.692 ug/l

RT: 10.173 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY015473.D

Acq: 07 Sep 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

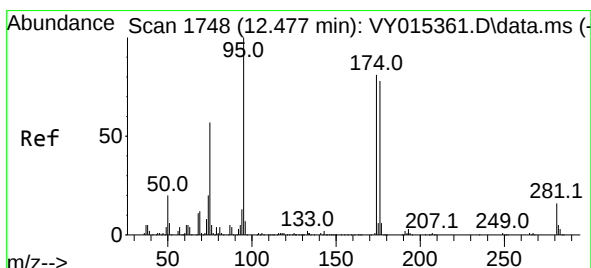
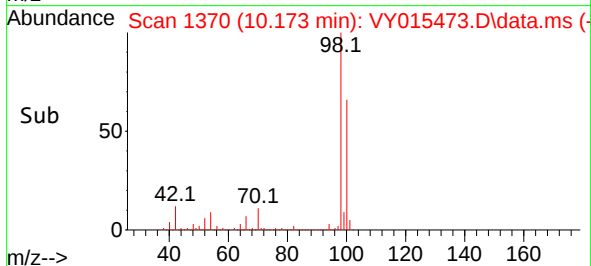
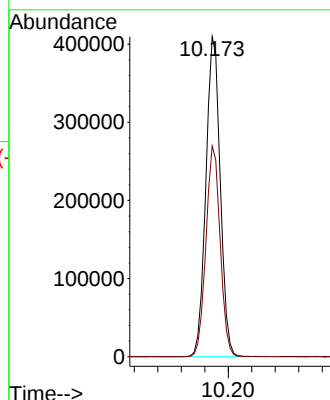
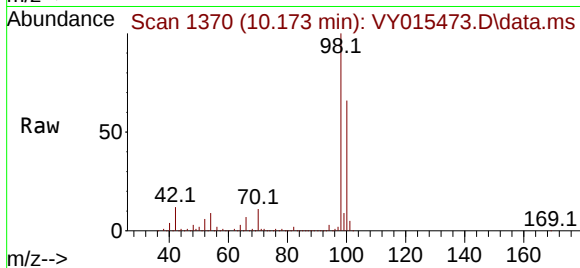
TP2

Tgt Ion: 98 Resp: 694540

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 53.187 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY015473.D

Acq: 07 Sep 2023 17:44

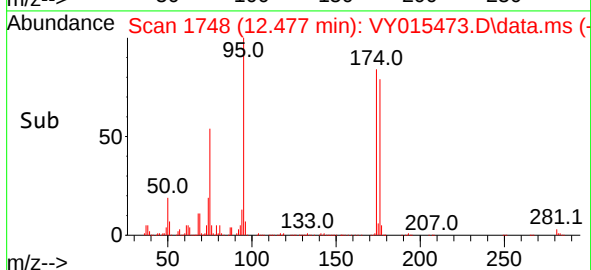
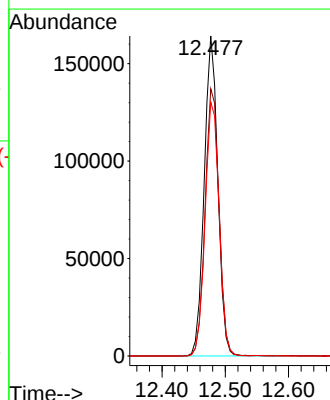
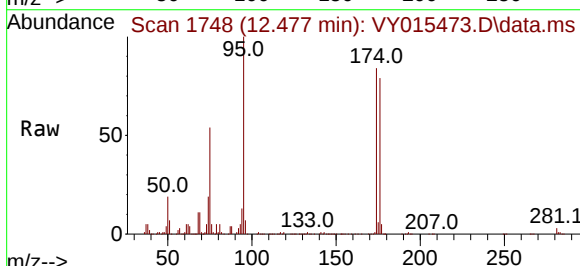
Tgt Ion: 95 Resp: 246244

Ion Ratio Lower Upper

95 100

174 85.8 0.0 178.2

176 81.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015473.D

Acq: 07 Sep 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

TP2

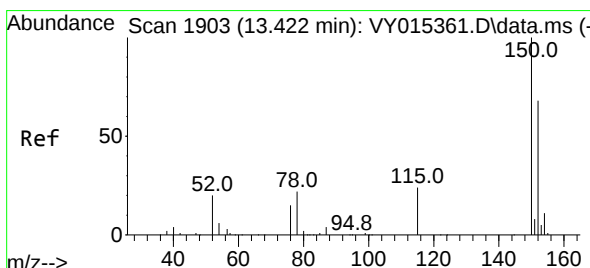
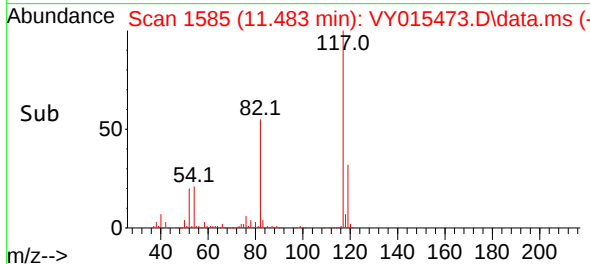
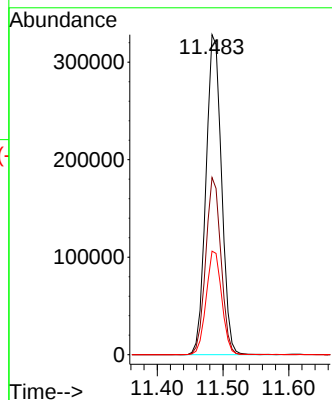
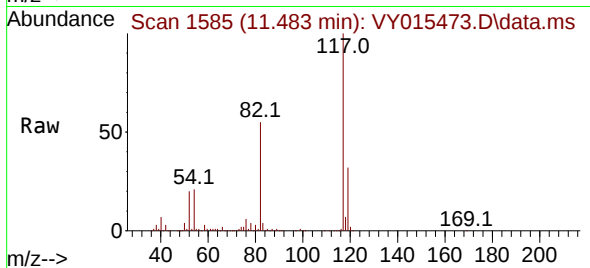
Tgt Ion:117 Resp: 539754

Ion Ratio Lower Upper

117 100

82 55.3 43.4 65.0

119 32.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015473.D

Acq: 07 Sep 2023 17:44

Tgt Ion:152 Resp: 262368

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 156.6 0.0 348.8

