

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015626.D
 Acq On : 18 Sep 2023 19:43
 Operator : SY/MD
 Sample : 04460-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DEL-1-LEFT-SIDE

Quant Time: Sep 19 02:07:14 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	7.795	168	133152	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	225092	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	207296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97212	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87618	61.384	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.760%
35) Dibromofluoromethane	7.722	113	73087	56.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.740%
50) Toluene-d8	10.185	98	263868	56.201	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.400%
62) 4-Bromofluorobenzene	12.483	95	89491	51.344	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.680%

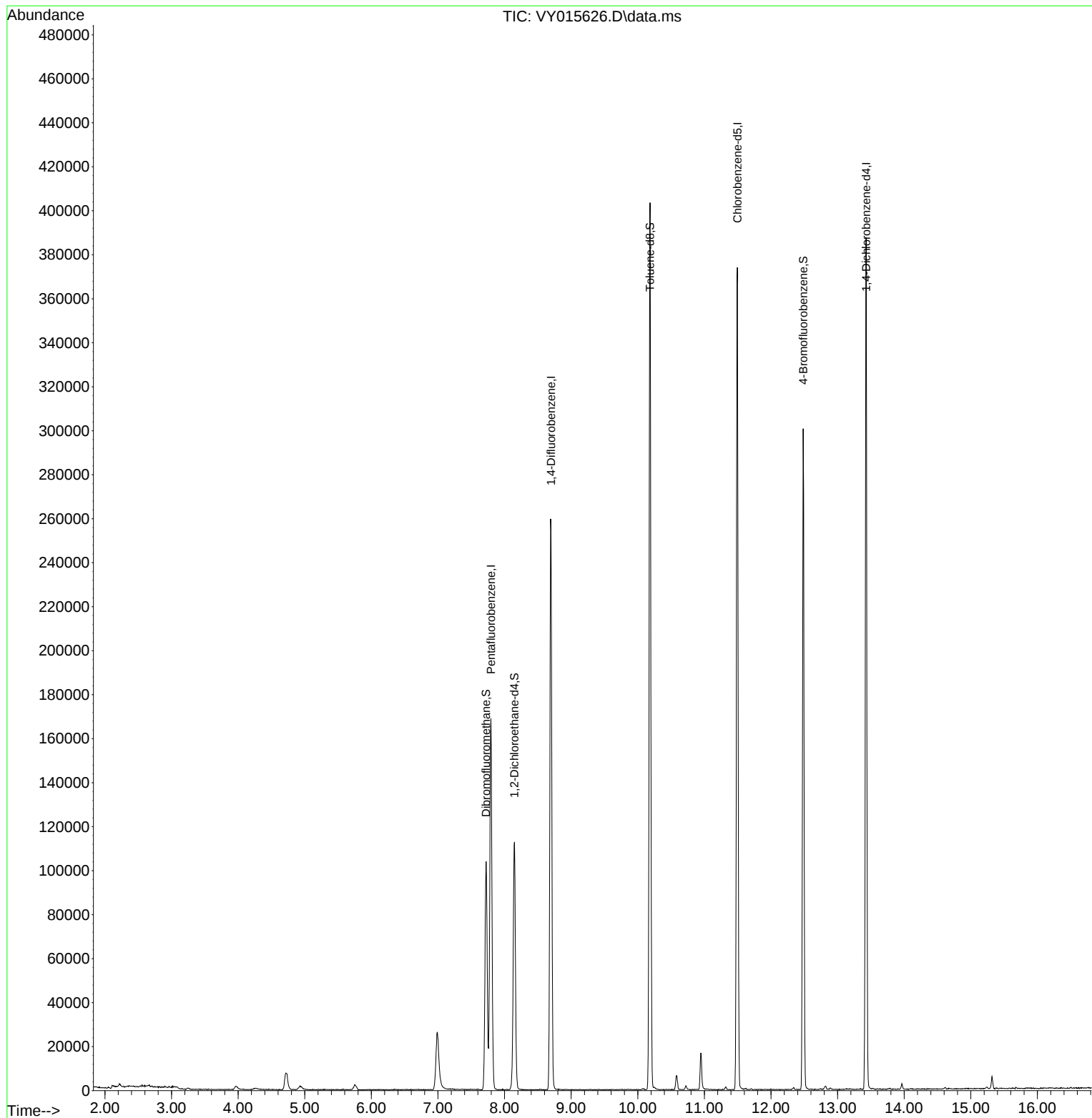
Target Compounds	Qvalue

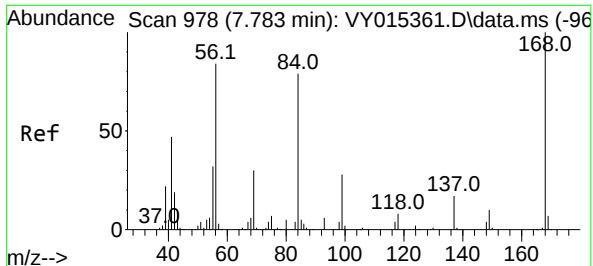
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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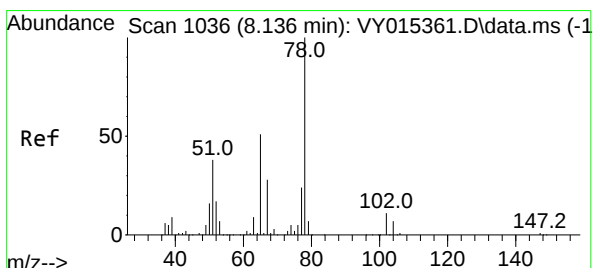
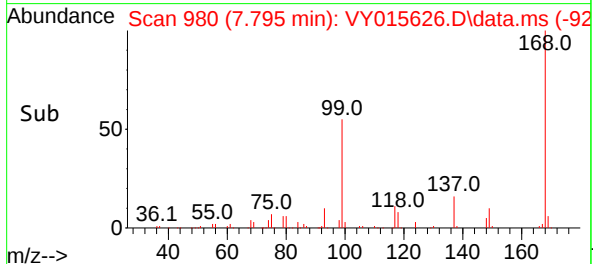
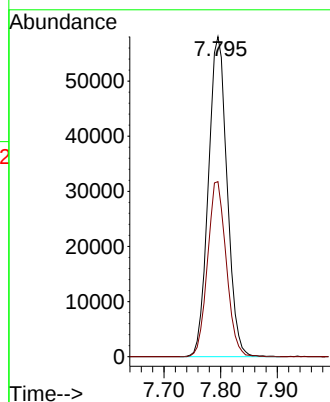
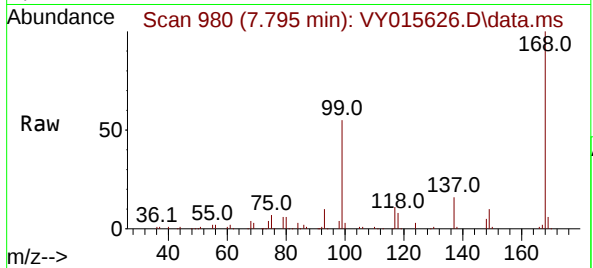




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015626.D
Acq: 18 Sep 2023 19:43

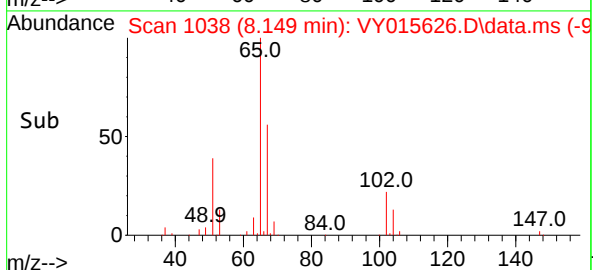
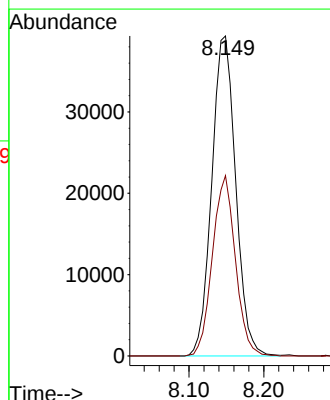
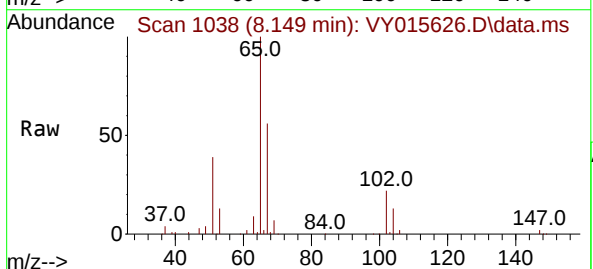
Instrument :
MSVOA_Y
ClientSampleId :
DEL-1-LEFT-SIDE

Tgt Ion:168 Resp: 133152
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 61.384 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015626.D
Acq: 18 Sep 2023 19:43

Tgt Ion: 65 Resp: 87618
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015626.D

Acq: 18 Sep 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

DEL-1-LEFT-SIDE

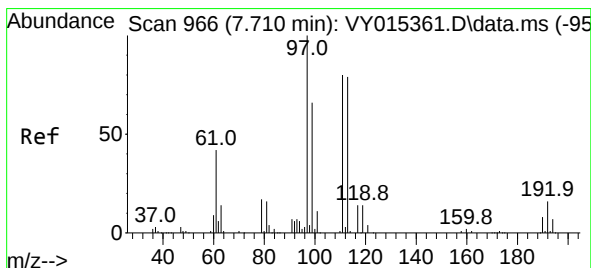
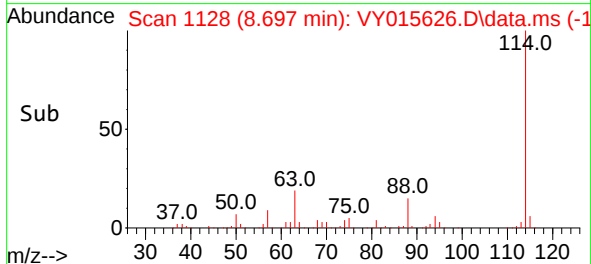
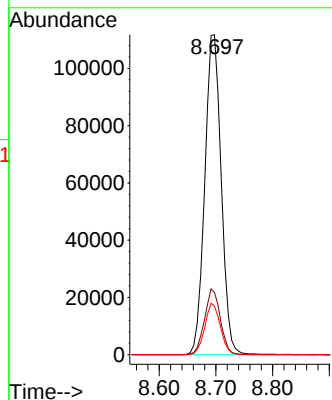
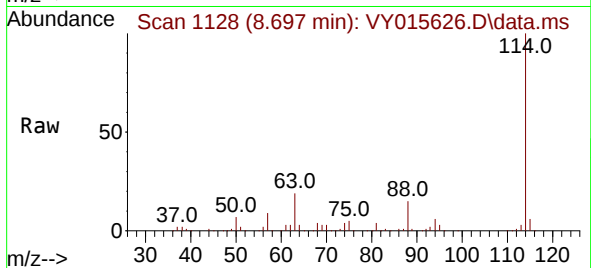
Tgt Ion:114 Resp: 225092

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.373 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015626.D

Acq: 18 Sep 2023 19:43

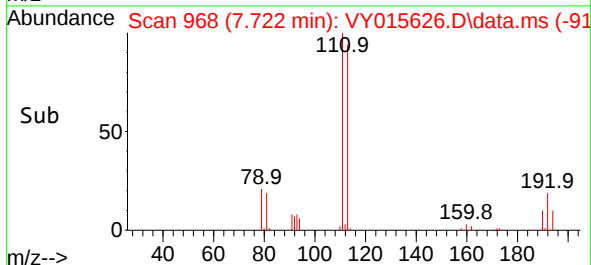
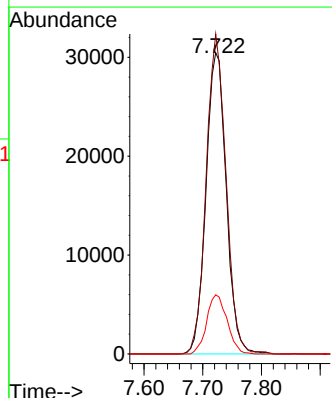
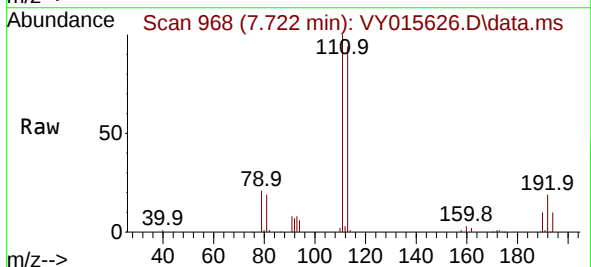
Tgt Ion:113 Resp: 73087

Ion Ratio Lower Upper

113 100

111 103.9 81.3 121.9

192 19.8 16.9 25.3

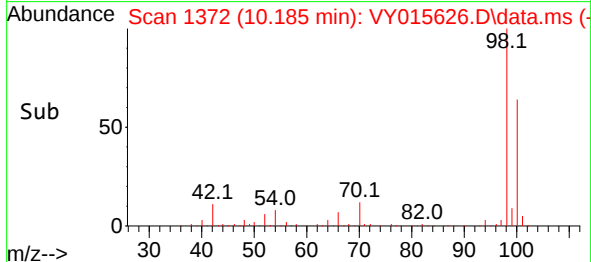
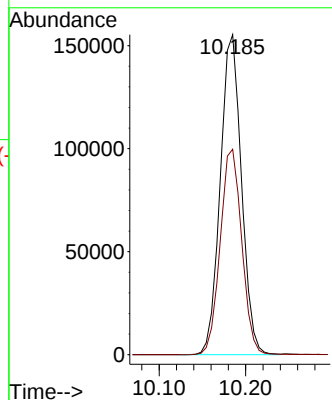
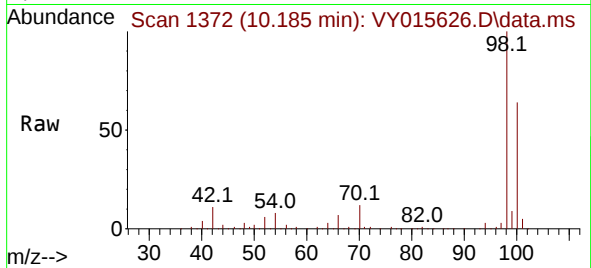




#50
Toluene-d8
Concen: 56.201 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015626.D
Acq: 18 Sep 2023 19:43

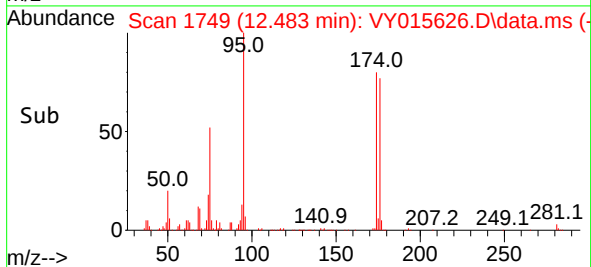
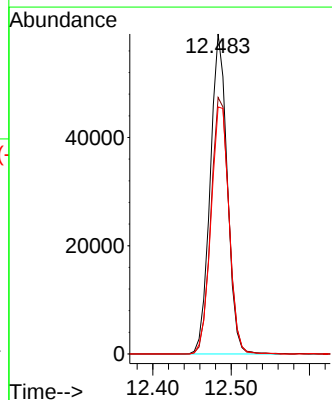
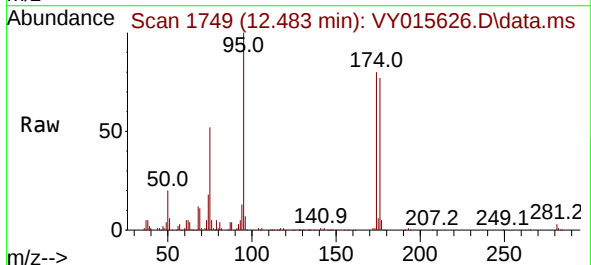
Instrument :
MSVOA_Y
ClientSampleId :
DEL-1-LEFT-SIDE

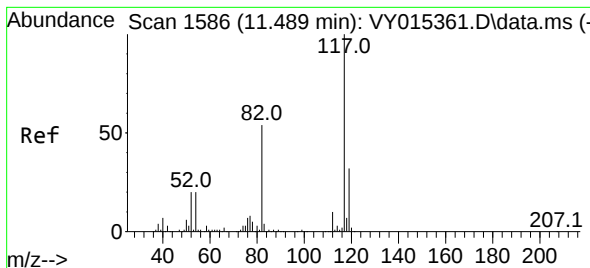
Tgt Ion: 98 Resp: 263868
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.344 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015626.D
Acq: 18 Sep 2023 19:43

Tgt Ion: 95 Resp: 89491
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 81.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015626.D

Acq: 18 Sep 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

DEL-1-LEFT-SIDE

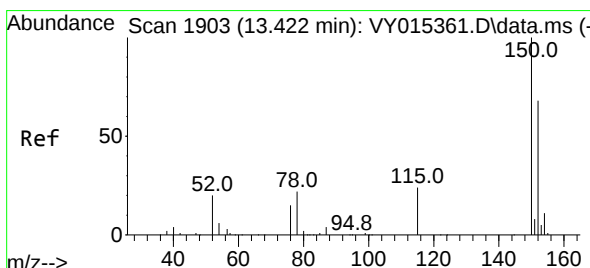
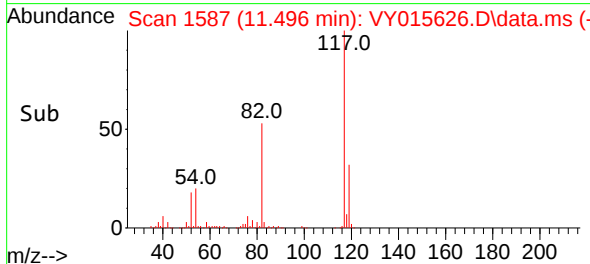
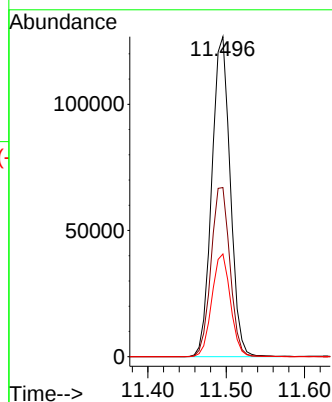
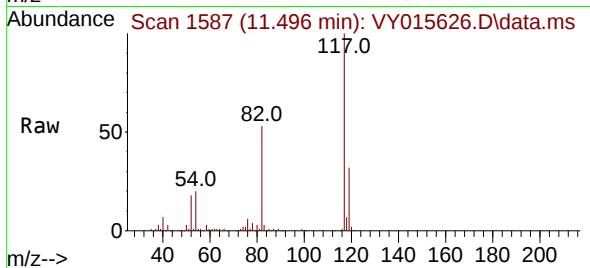
Tgt Ion:117 Resp: 207296

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 32.1 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: VY015626.D

Acq: 18 Sep 2023 19:43

Tgt Ion:152 Resp: 97212

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 155.5 0.0 348.8

