

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015743.D
 Acq On : 28 Sep 2023 12:16
 Operator : SY/MD
 Sample : VY0928SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0928SBL01

Quant Time: Sep 29 01:24:11 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	7.801	168	161740	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	262129	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	248182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108016	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82172	46.175	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.340%
35) Dibromofluoromethane	7.728	113	72355	46.117	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.240%
50) Toluene-d8	10.185	98	293189	55.114	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.220%
62) 4-Bromofluorobenzene	12.489	95	89876	43.052	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.100%

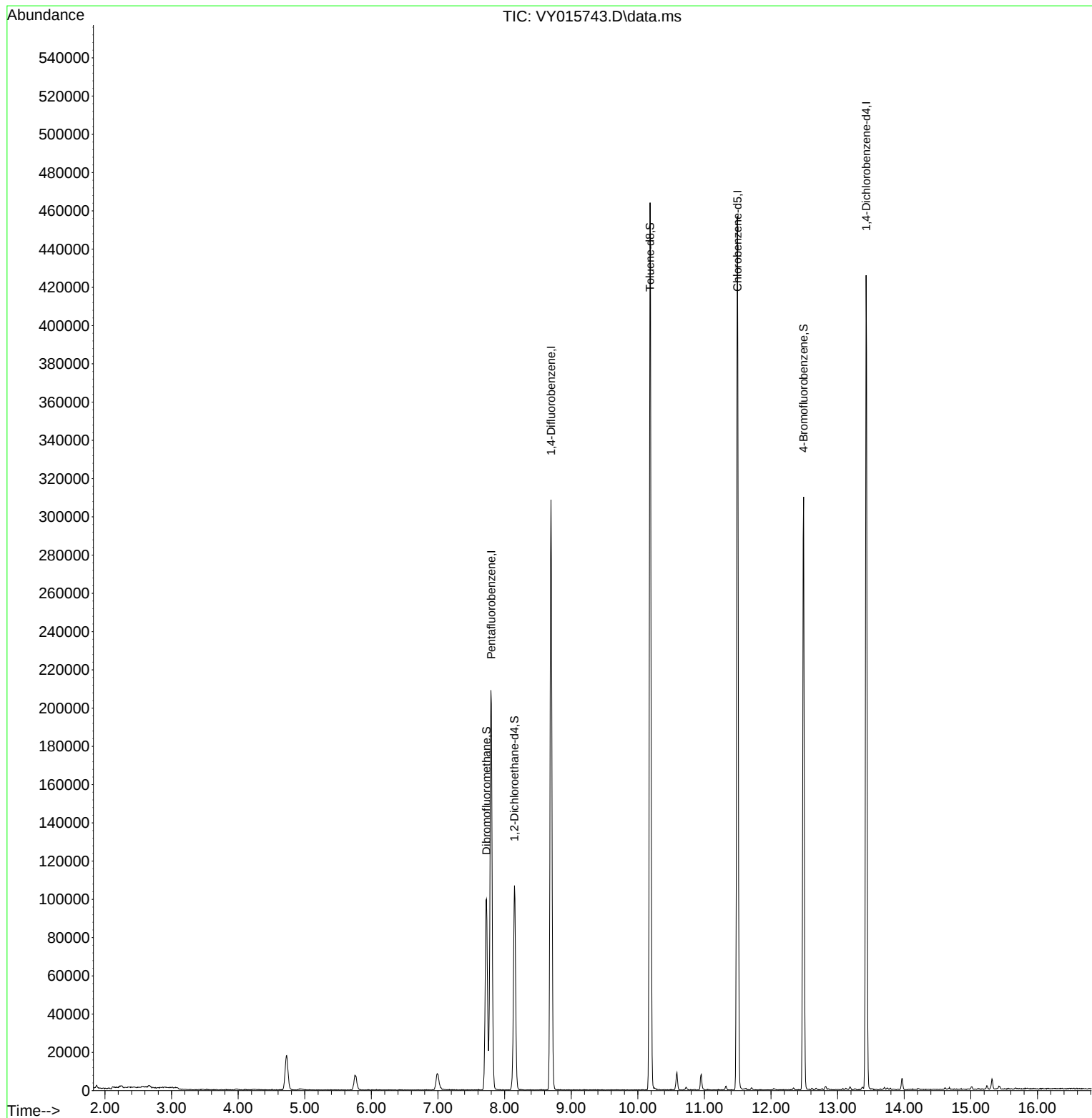
Target Compounds	Qvalue

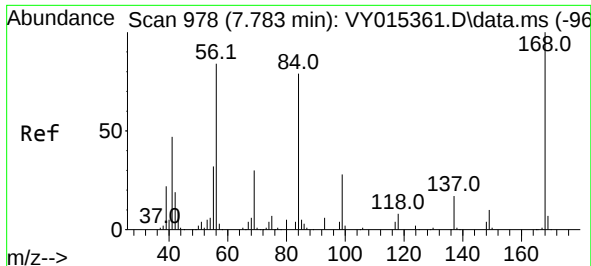
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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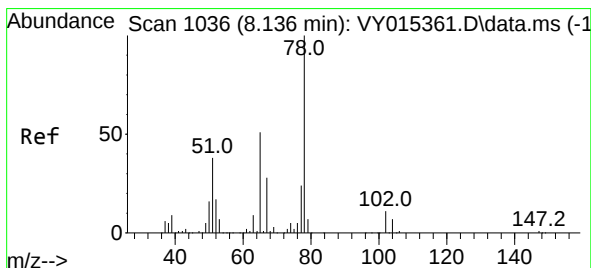
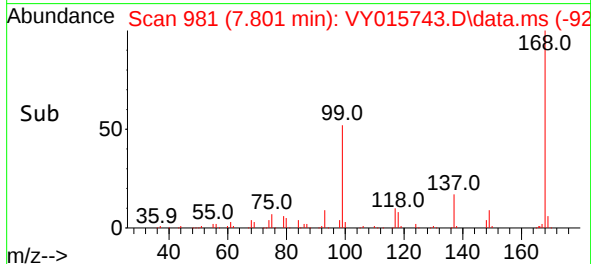
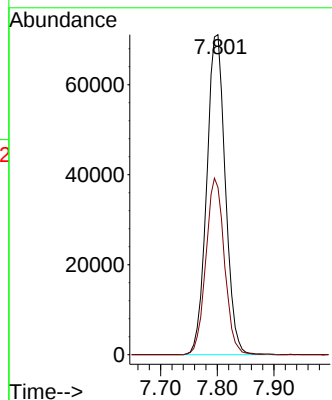
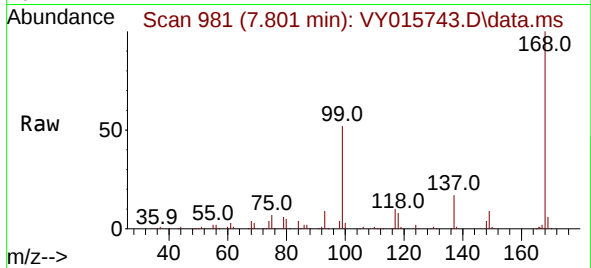




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

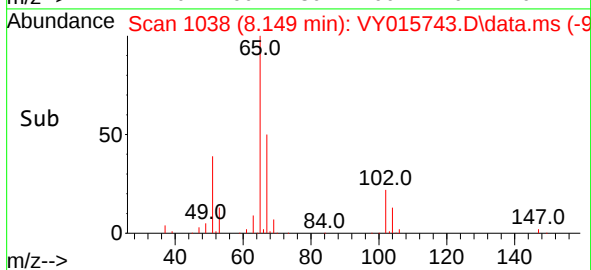
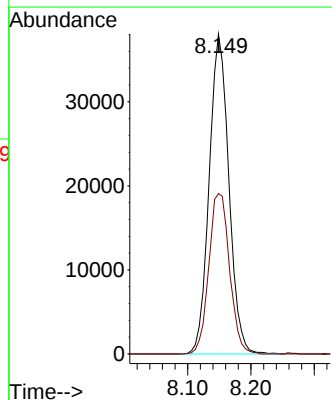
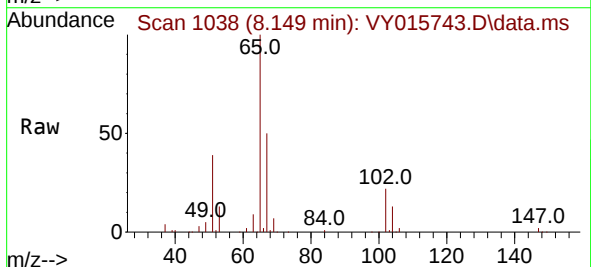
Instrument :
MSVOA_Y
ClientSampleId :
VY0928SBL01

Tgt Ion:168 Resp: 161740
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 46.175 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.013 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

Tgt Ion: 65 Resp: 82172
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.012 min

Lab File: VY015743.D

Acq: 28 Sep 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0928SBL01

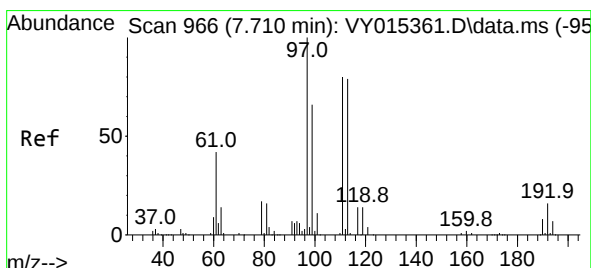
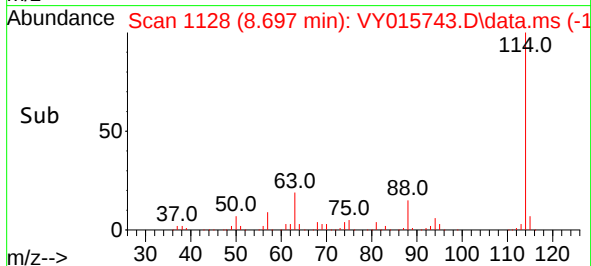
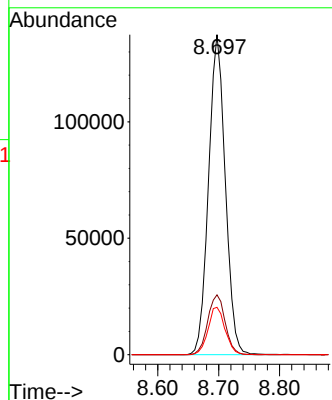
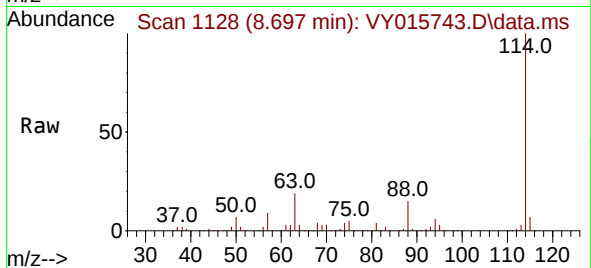
Tgt Ion:114 Resp: 262129

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.117 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY015743.D

Acq: 28 Sep 2023 12:16

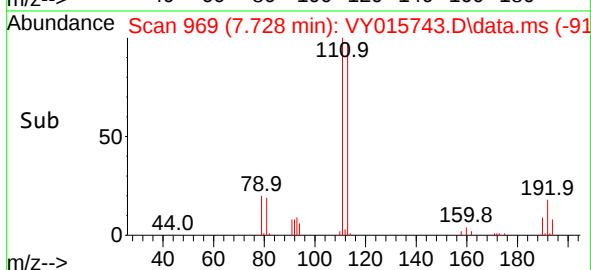
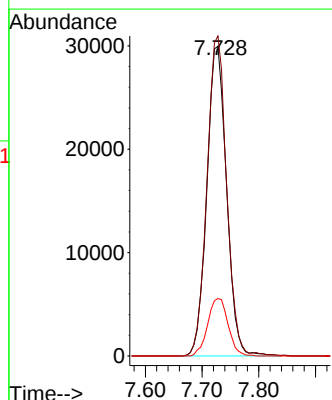
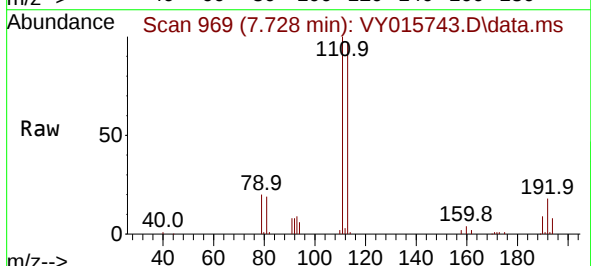
Tgt Ion:113 Resp: 72355

Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 19.2 16.9 25.3

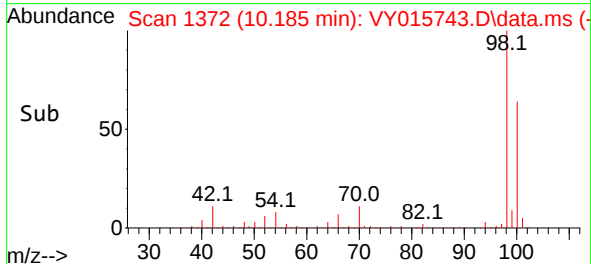
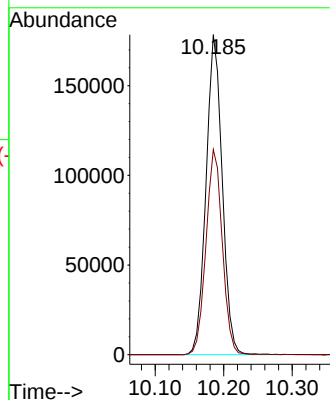
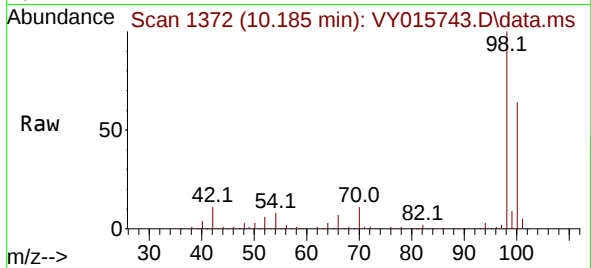




#50
Toluene-d8
Concen: 55.114 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

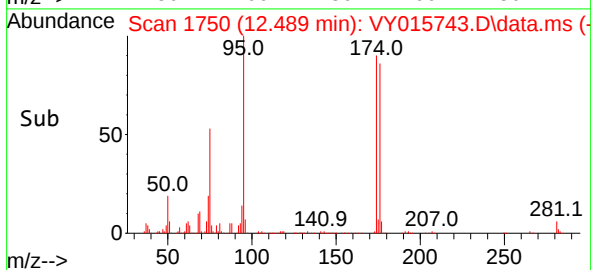
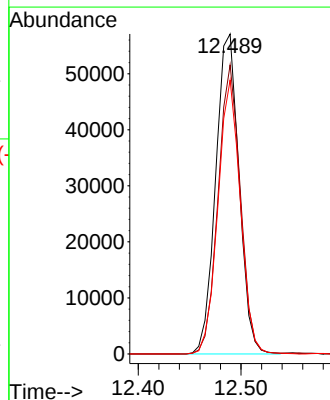
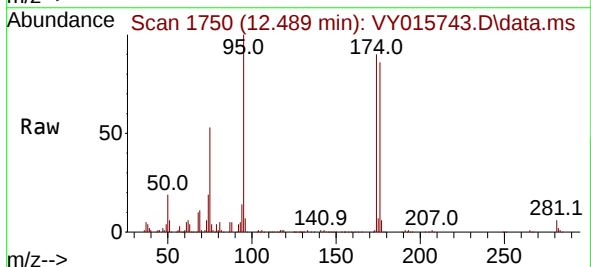
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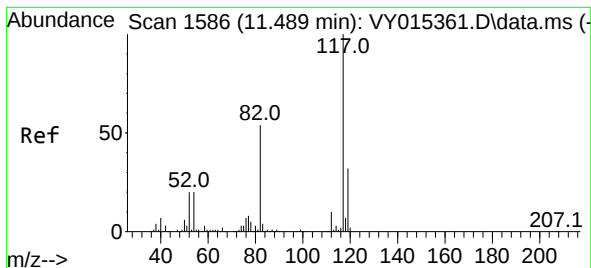
Tgt Ion: 98 Resp: 293189
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.052 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015743.D
Acq: 28 Sep 2023 12:16

Tgt Ion: 95 Resp: 89876
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 82.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015743.D

Acq: 28 Sep 2023 12:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0928SBL01

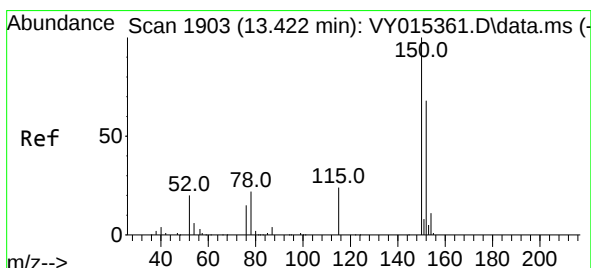
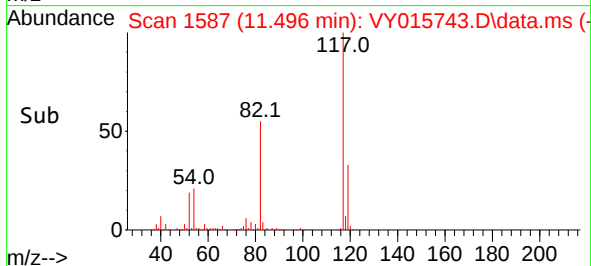
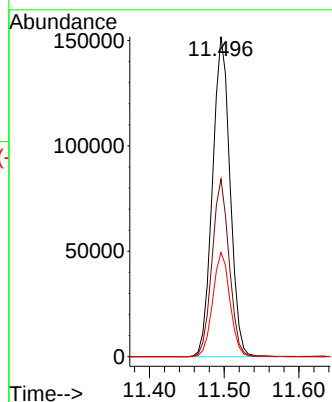
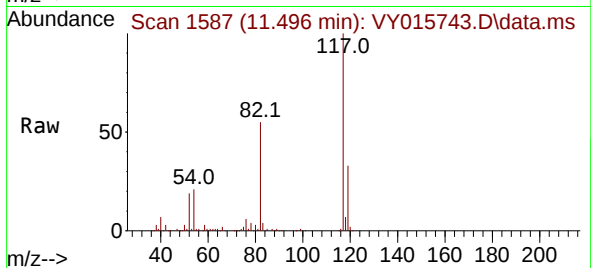
Tgt Ion:117 Resp: 248182

Ion Ratio Lower Upper

117 100

82 55.5 43.4 65.0

119 32.6 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: VY015743.D

Acq: 28 Sep 2023 12:16

Tgt Ion:152 Resp: 108016

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 157.4 0.0 348.8

