

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014434.D
 Acq On : 26 Jun 2023 15:17
 Operator : KP/MD
 Sample : 03402-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP3-0623

Quant Time: Jun 27 01:48:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	913	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2117	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	445	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1308	115.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	230.780%#
35) Dibromofluoromethane	7.722	113	248	19.793	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.580%#
50) Toluene-d8	10.185	98	2325	46.681	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.360%
62) 4-Bromofluorobenzene	12.477	95	520	29.245	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.480%

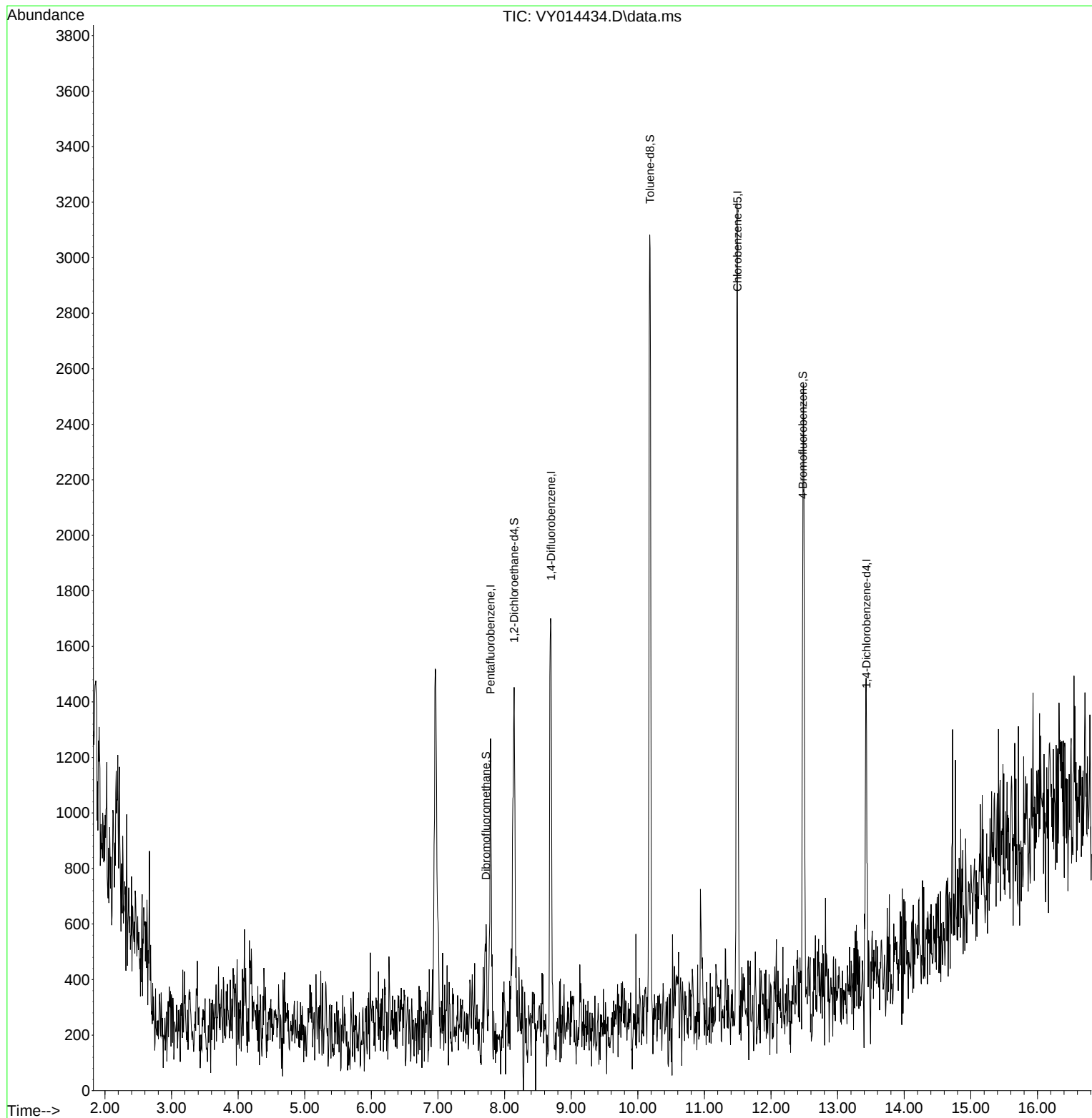
Target Compounds	Qvalue

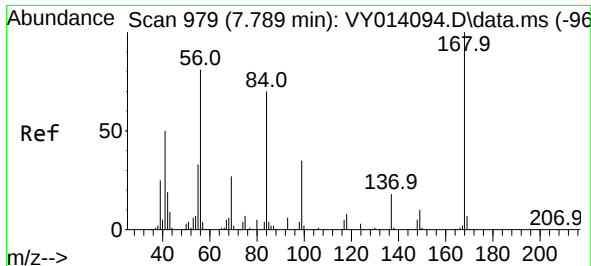
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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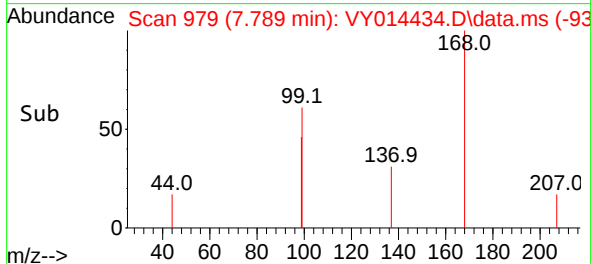
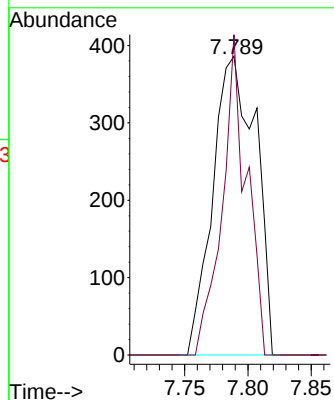
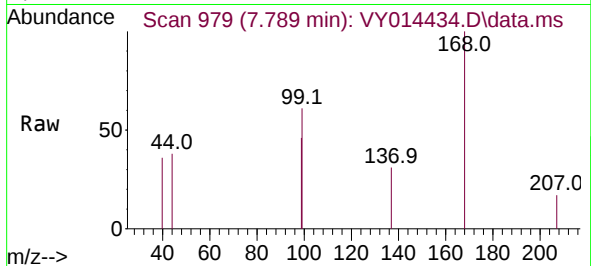




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 913
Delta R.T. -0.000 min
Lab File: VY014434.D
Acq: 26 Jun 2023 15:17

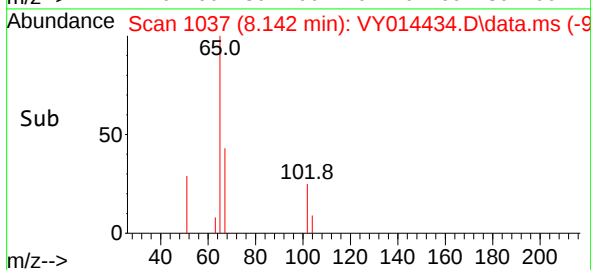
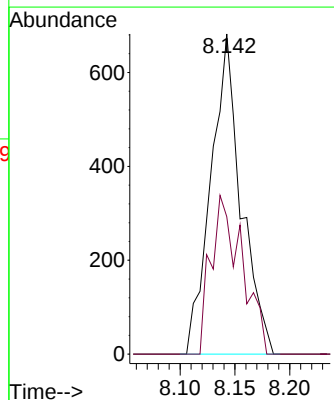
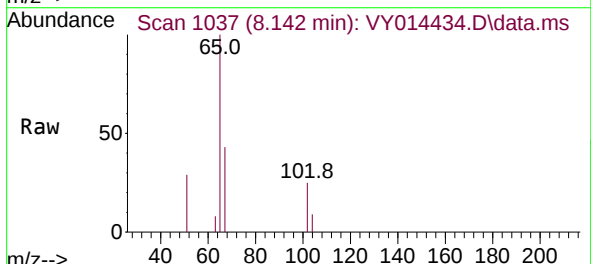
Instrument :
MSVOA_Y
ClientSampleId :
TP3-0623

Tgt Ion:168 Resp: 913
Ion Ratio Lower Upper
168 100
99 107.3 43.4 65.0#



#33
1,2-Dichloroethane-d4
Concen: 115.388 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014434.D
Acq: 26 Jun 2023 15:17

Tgt Ion: 65 Resp: 1308
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014434.D

Acq: 26 Jun 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

TP3-0623

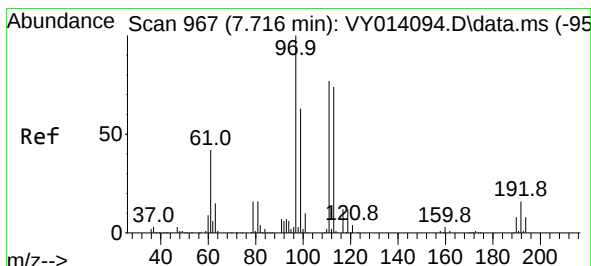
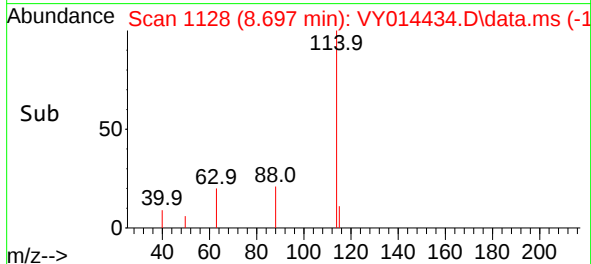
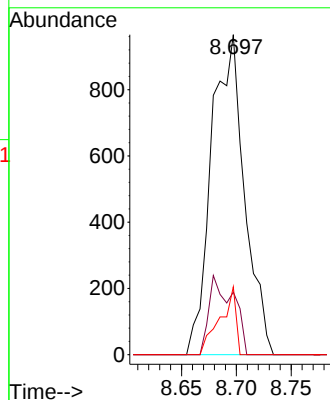
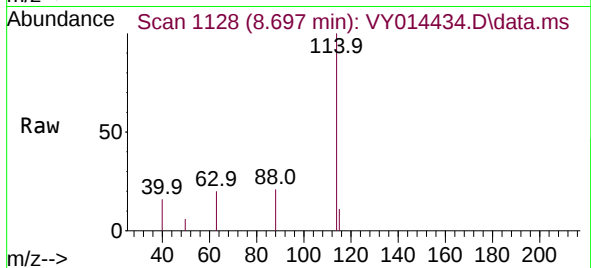
Tgt Ion:114 Resp: 2028

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 21.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 19.793 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY014434.D

Acq: 26 Jun 2023 15:17

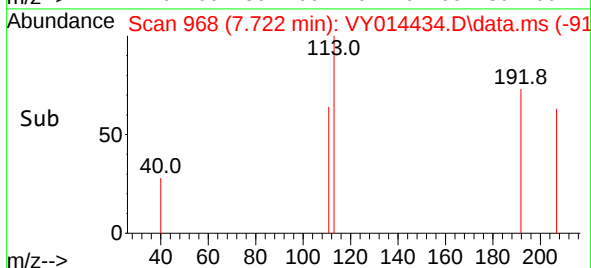
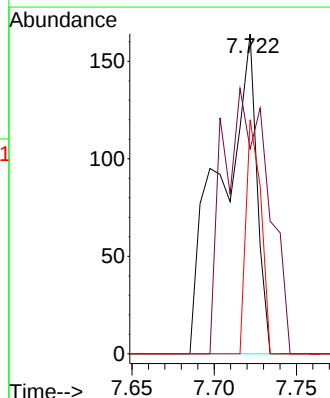
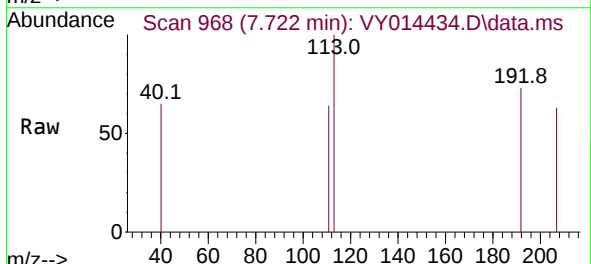
Tgt Ion:113 Resp: 248

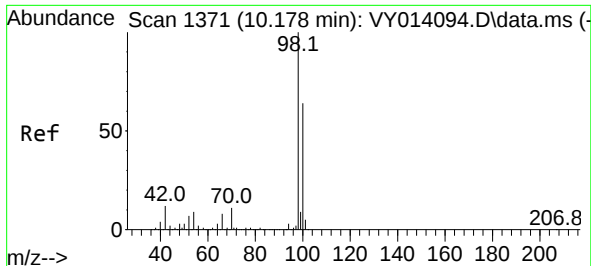
Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 30.2 16.9 25.3#

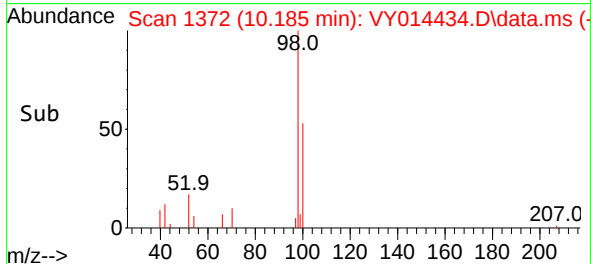
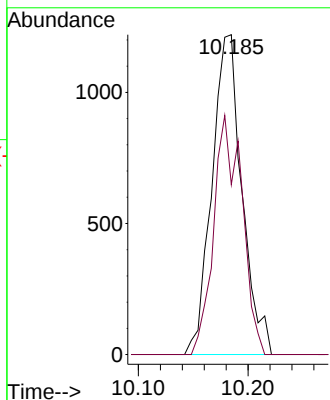
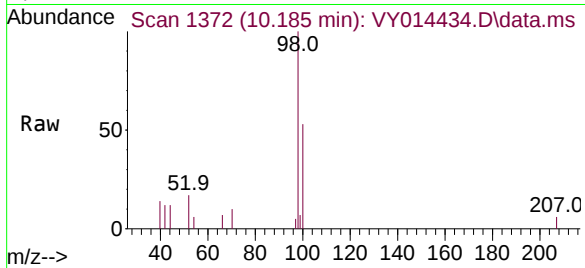




#50
Toluene-d8
Concen: 46.681 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014434.D
Acq: 26 Jun 2023 15:17

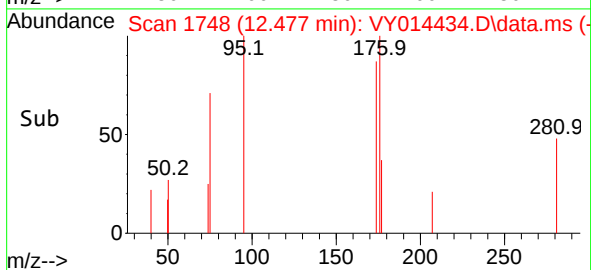
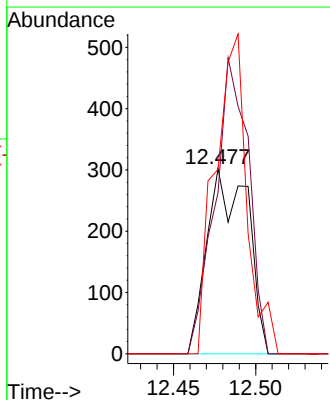
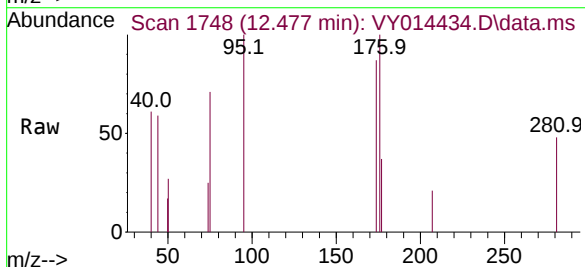
Instrument :
MSVOA_Y
ClientSampleId :
TP3-0623

Tgt Ion: 98 Resp: 2325
Ion Ratio Lower Upper
98 100
100 70.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 29.245 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014434.D
Acq: 26 Jun 2023 15:17

Tgt Ion: 95 Resp: 520
Ion Ratio Lower Upper
95 100
174 131.5 0.0 178.2
176 135.2 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: VY014434.D

Acq: 26 Jun 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

TP3-0623

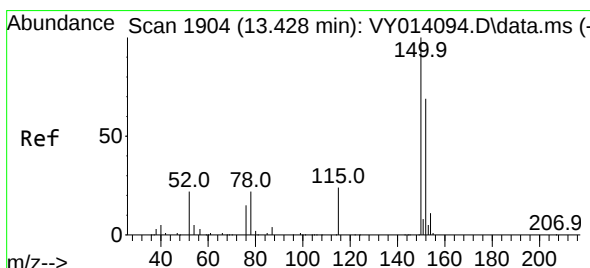
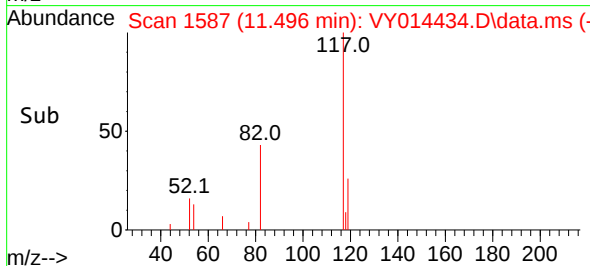
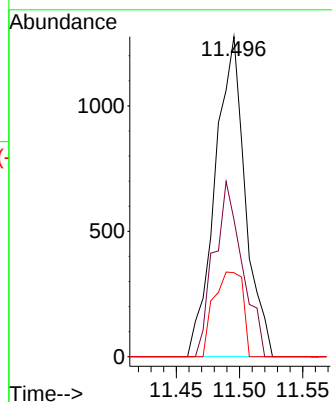
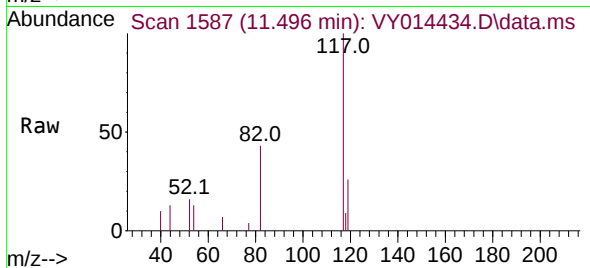
Tgt Ion:117 Resp: 2117

Ion Ratio Lower Upper

117 100

82 42.9 43.4 65.0#

119 26.3 26.3 39.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY014434.D

Acq: 26 Jun 2023 15:17

Tgt Ion:152 Resp: 445

Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 139.8 0.0 348.8

