

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013696.D
 Acq On : 10 May 2023 18:27
 Operator : KP/MD
 Sample : 02719-06
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02_0-2_20230509

Quant Time: May 11 03:31:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	185736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	318498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	315460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146139	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133146	65.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.780%
35) Dibromofluoromethane	7.716	113	109703	54.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.520%
50) Toluene-d8	10.179	98	387694	54.404	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.800%
62) 4-Bromofluorobenzene	12.483	95	126218	52.538	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.080%

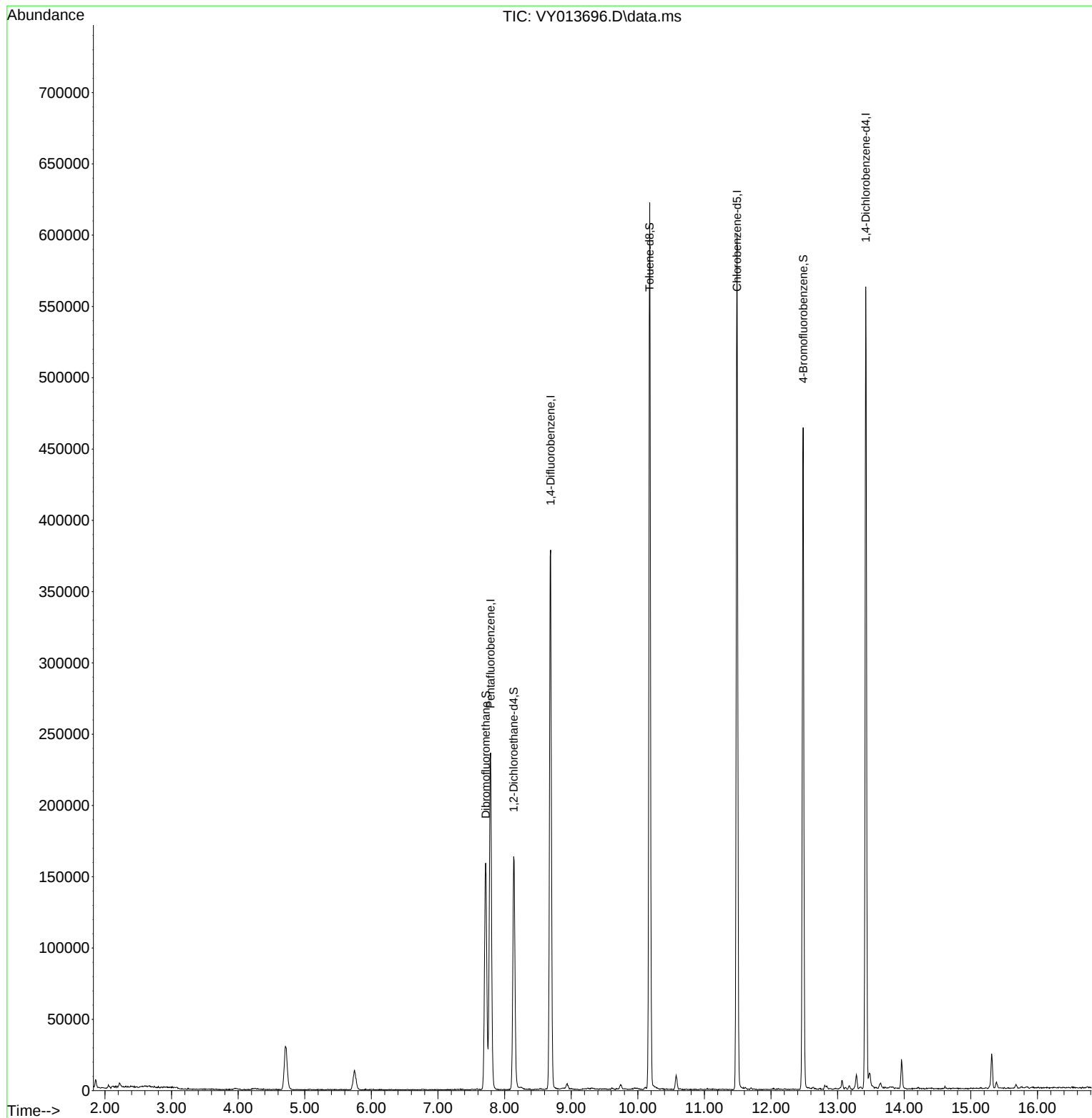
Target Compounds	Qvalue

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

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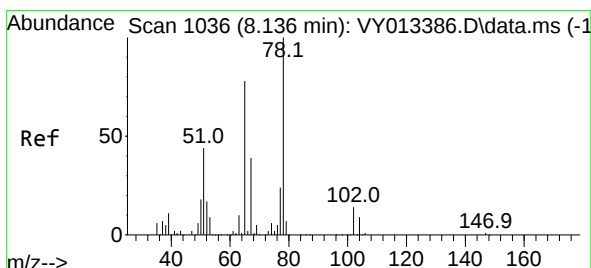
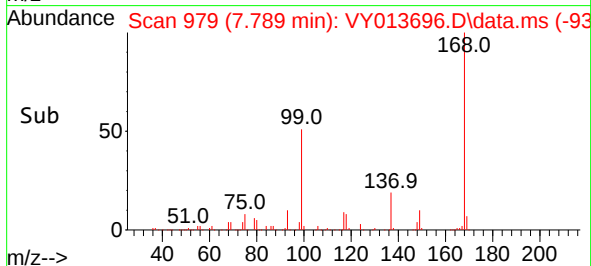
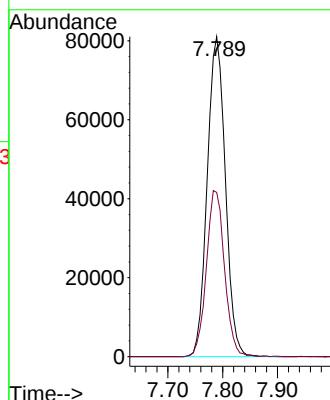
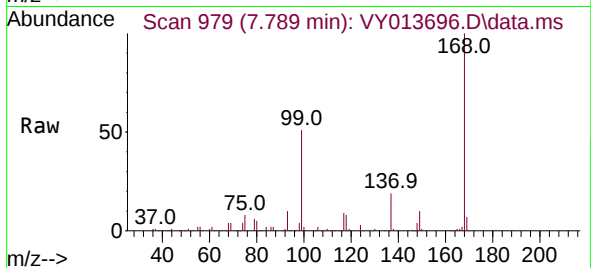




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013696.D
Acq: 10 May 2023 18:27

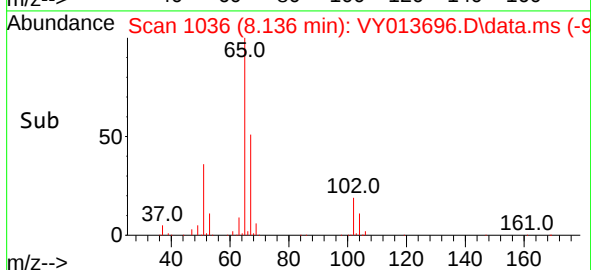
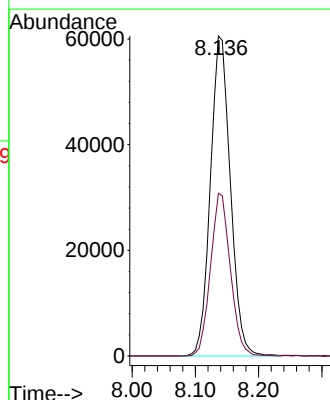
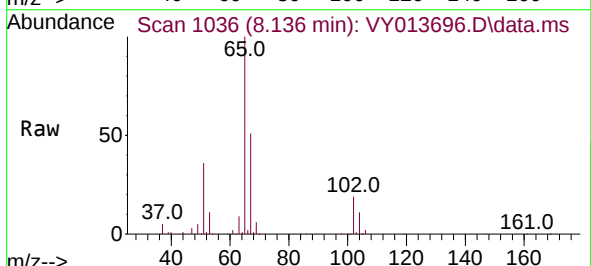
Instrument :
MSVOA_Y
ClientSampleId :
SB-02_0-2_20230509

Tgt Ion:168 Resp: 185736
Ion Ratio Lower Upper
168 100
99 51.4 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 65.393 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013696.D
Acq: 10 May 2023 18:27

Tgt Ion: 65 Resp: 133146
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013696.D

Acq: 10 May 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-02_0-2_20230509

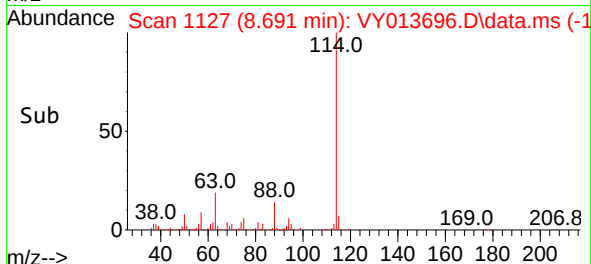
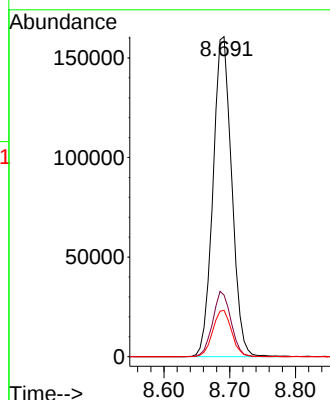
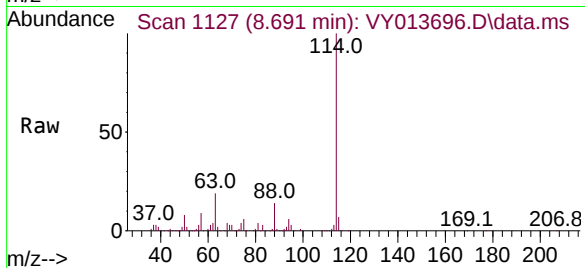
Tgt Ion:114 Resp: 318498

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.6

88 14.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 54.764 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013696.D

Acq: 10 May 2023 18:27

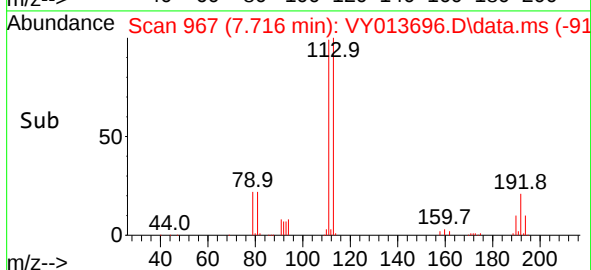
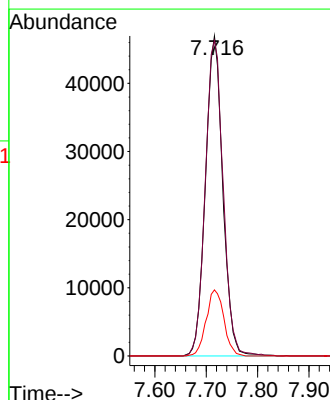
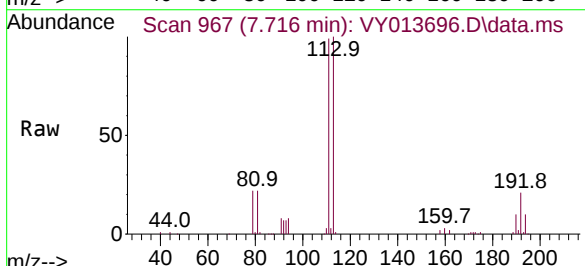
Tgt Ion:113 Resp: 109703

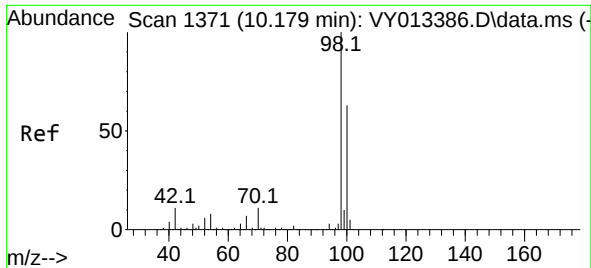
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 21.2 16.7 25.1

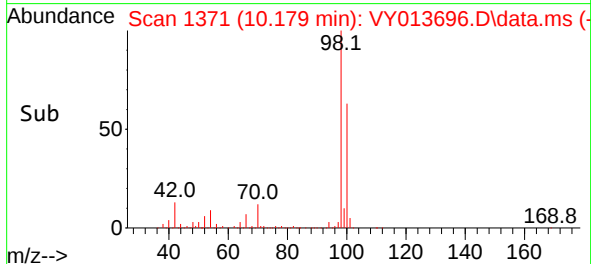
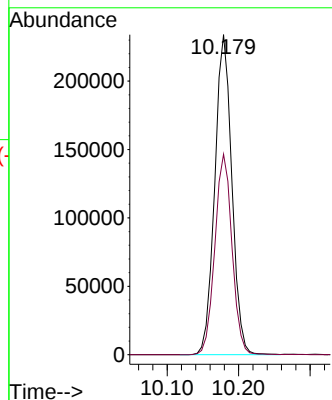
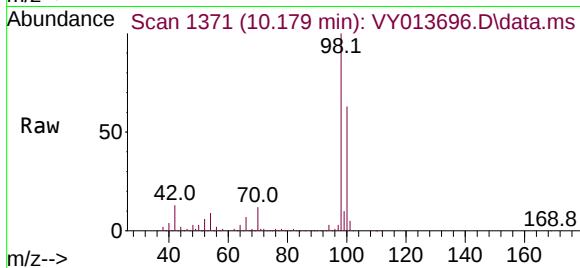




#50
Toluene-d8
Concen: 54.404 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013696.D
Acq: 10 May 2023 18:27

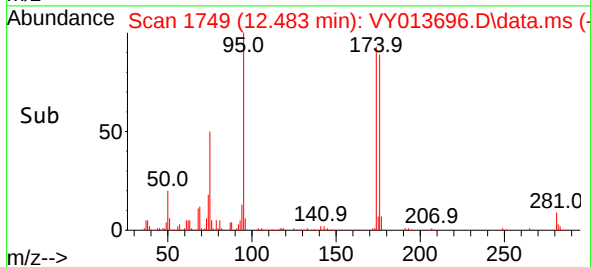
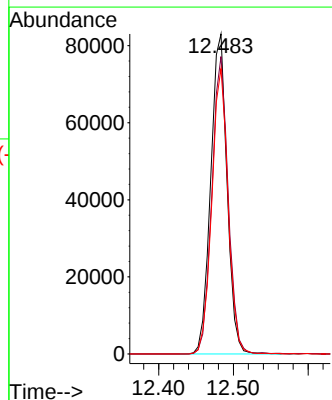
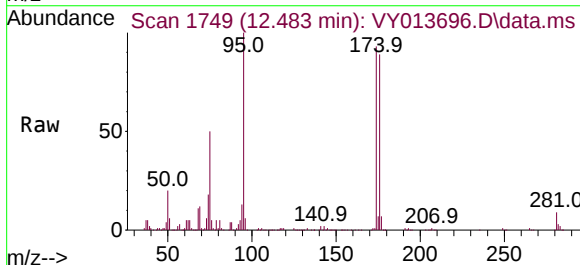
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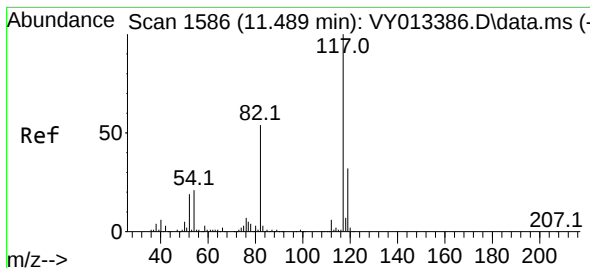
Tgt Ion: 98 Resp: 387694
Ion Ratio Lower Upper
98 100
100 62.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 52.538 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013696.D
Acq: 10 May 2023 18:27

Tgt Ion: 95 Resp: 126218
Ion Ratio Lower Upper
95 100
174 92.8 0.0 182.0
176 89.1 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013696.D

Acq: 10 May 2023 18:27

Instrument :

MSVOA_Y

ClientSampleId :

SB-02_0-2_20230509

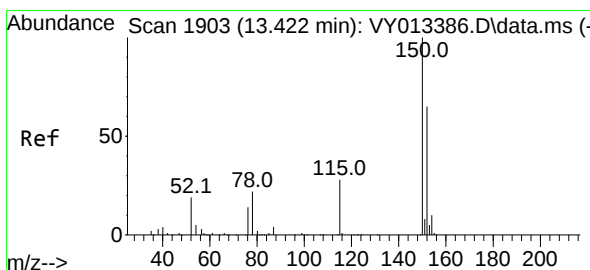
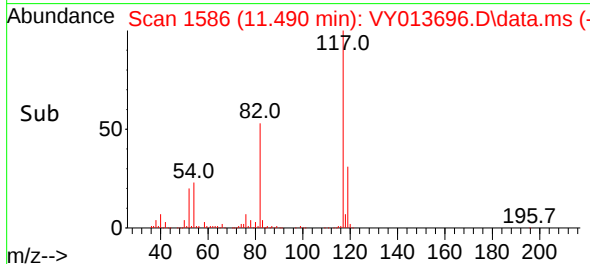
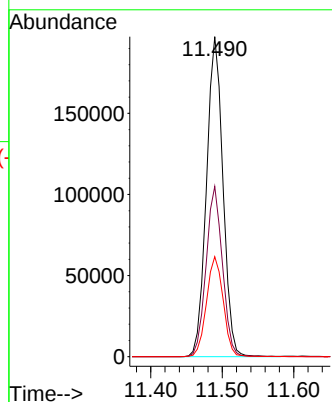
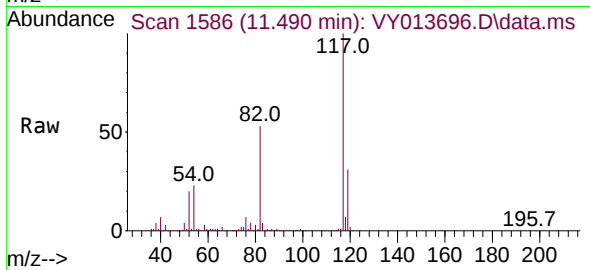
Tgt Ion:117 Resp: 315460

Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.6

119 31.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013696.D

Acq: 10 May 2023 18:27

Tgt Ion:152 Resp: 146139

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

150 153.9 0.0 352.0

