

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014128.D
 Acq On : 12 Jun 2023 18:16
 Operator : KP/MD
 Sample : 03141-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-Topsoil-004

Quant Time: Jun 13 05:45:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	40129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	50652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	33246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10283	18.402	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	36.800%#
35) Dibromofluoromethane	7.716	113	13434	37.398	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.800%
50) Toluene-d8	10.179	98	56779	42.279	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.560%
62) 4-Bromofluorobenzene	12.483	95	9778	20.497	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.000%

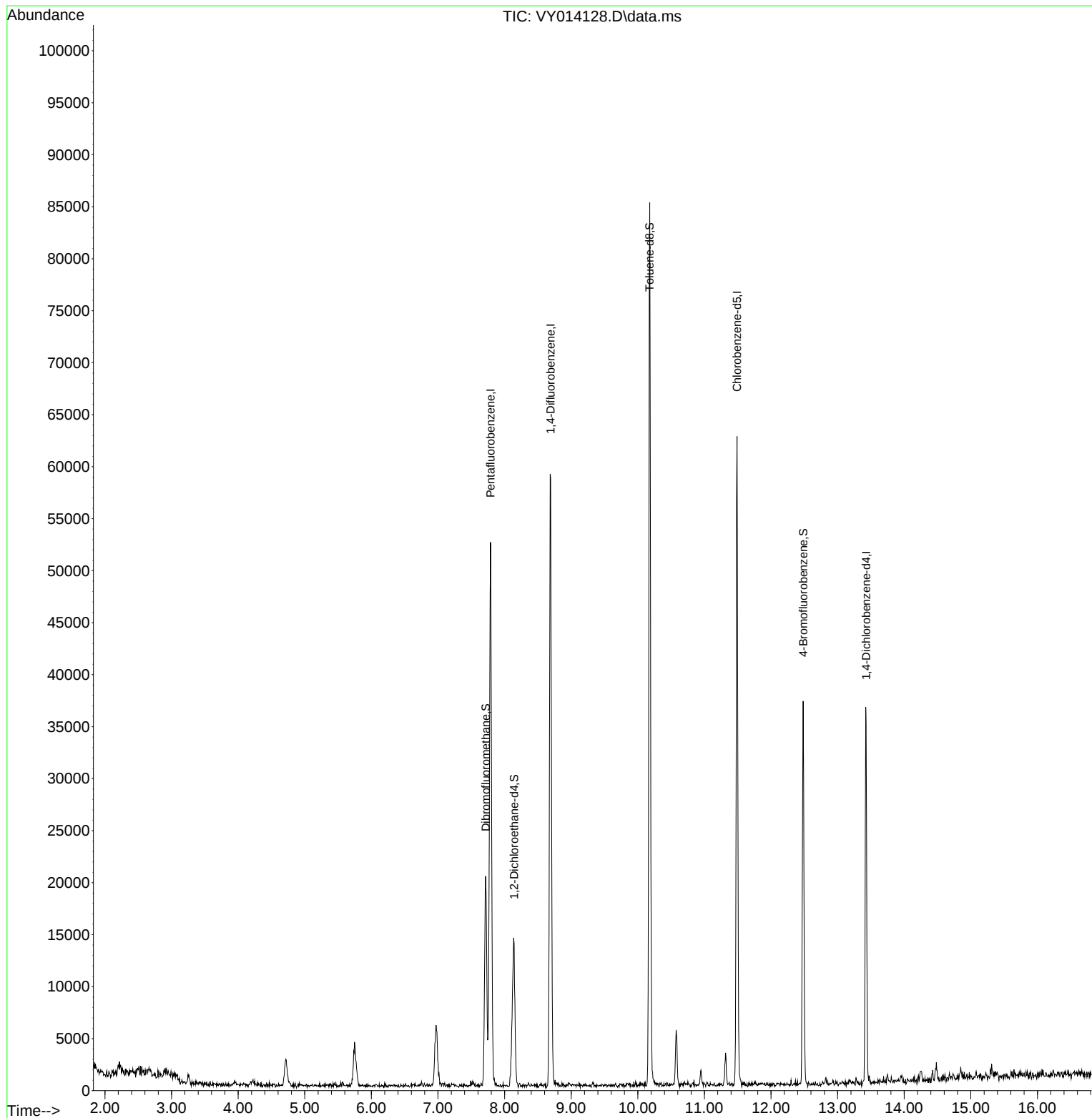
Target Compounds	Qvalue

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

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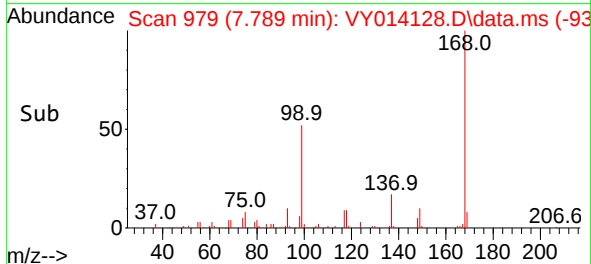
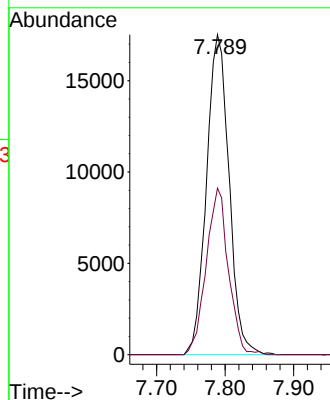
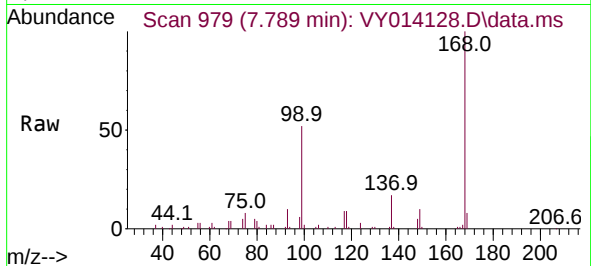




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014128.D
Acq: 12 Jun 2023 18:16

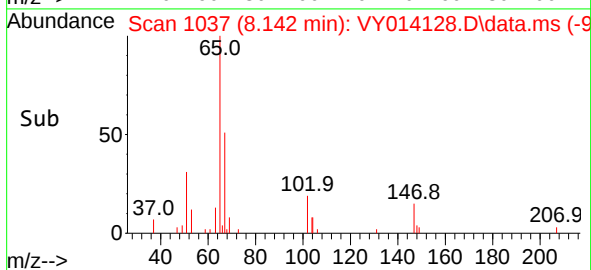
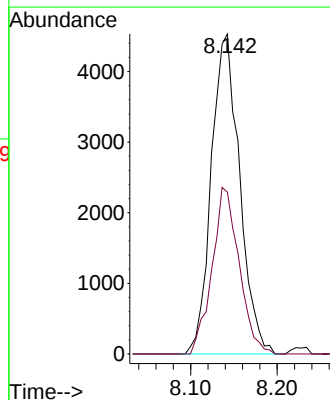
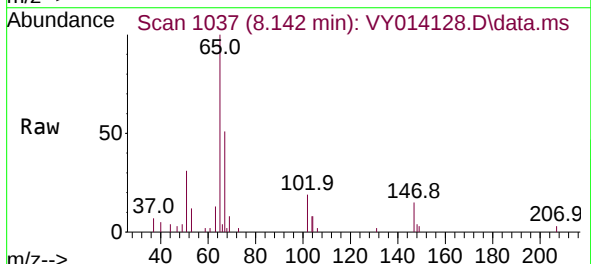
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-Topsoil-004

Tgt Ion:168 Resp: 40129
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 18.402 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014128.D
Acq: 12 Jun 2023 18:16

Tgt Ion: 65 Resp: 10283
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014128.D

Acq: 12 Jun 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-Topsoil-004

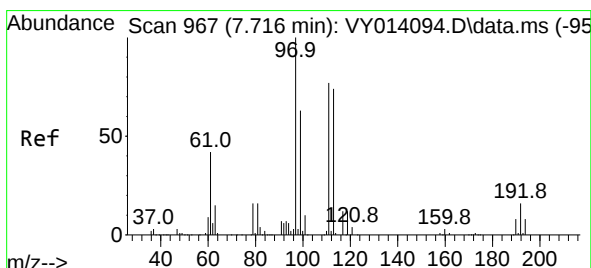
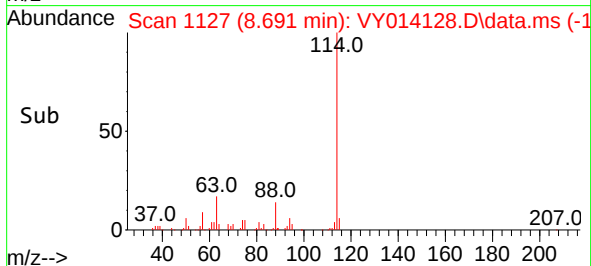
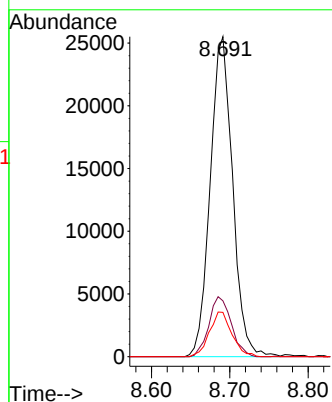
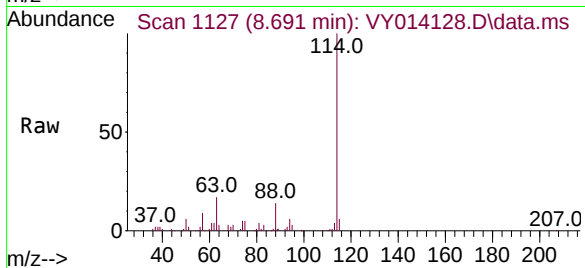
Tgt Ion:114 Resp: 50652

Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 13.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 37.398 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014128.D

Acq: 12 Jun 2023 18:16

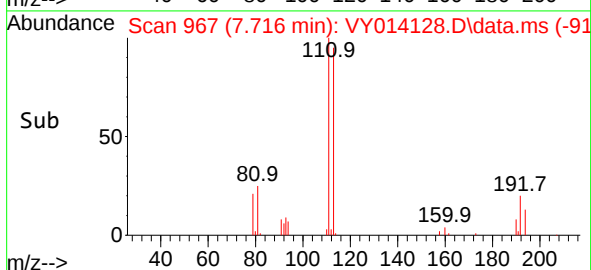
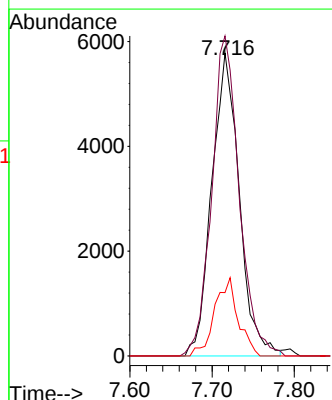
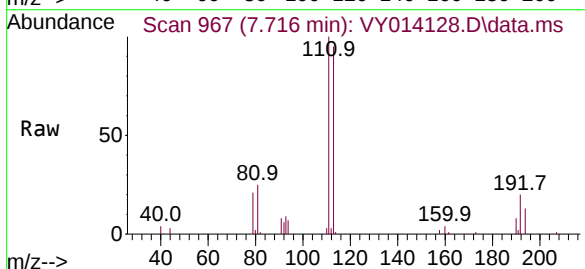
Tgt Ion:113 Resp: 13434

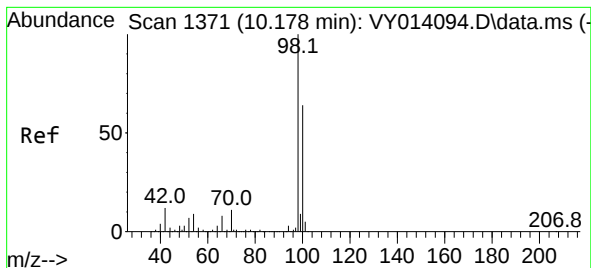
Ion Ratio Lower Upper

113 100

111 105.7 81.3 121.9

192 22.0 16.9 25.3





#50

Toluene-d8

Concen: 42.279 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014128.D

Acq: 12 Jun 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

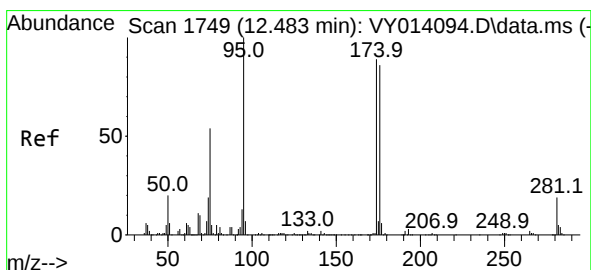
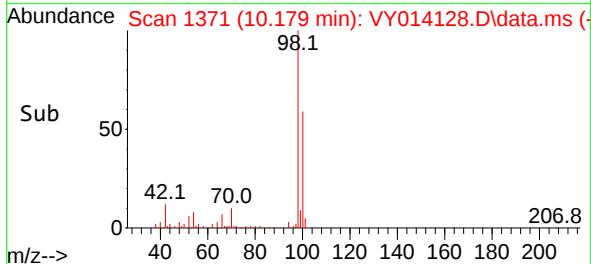
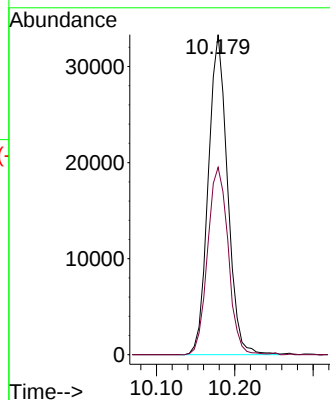
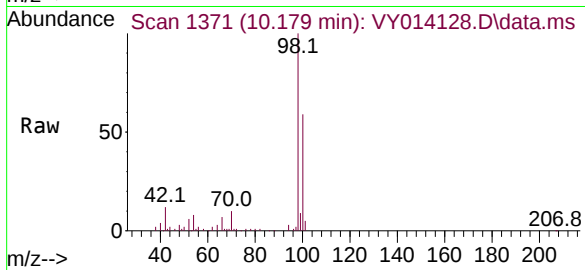
CMC-EME-Topsoil-004

Tgt Ion: 98 Resp: 56779

Ion Ratio Lower Upper

98 100

100 62.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 20.497 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014128.D

Acq: 12 Jun 2023 18:16

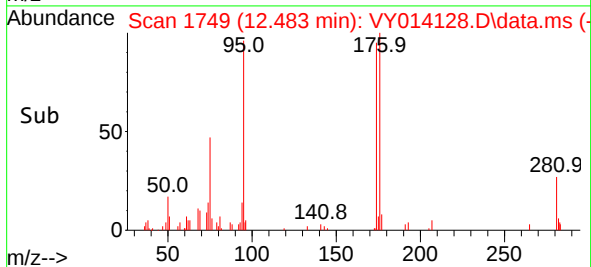
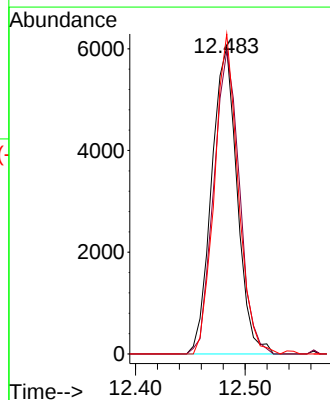
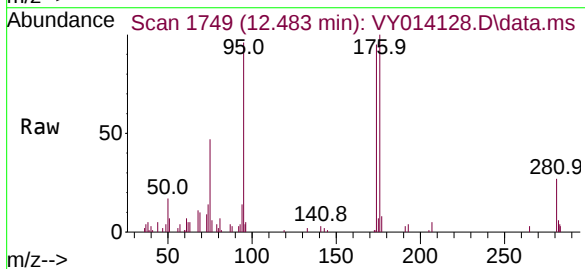
Tgt Ion: 95 Resp: 9778

Ion Ratio Lower Upper

95 100

174 99.2 0.0 178.2

176 96.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY014128.D

Acq: 12 Jun 2023 18:16

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-Topsoil-004

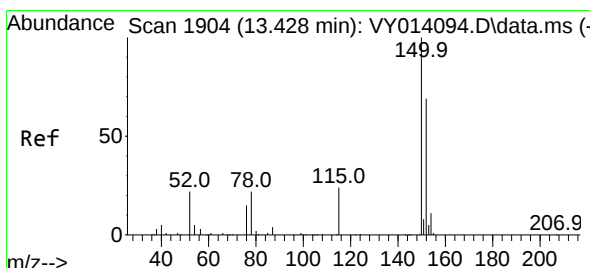
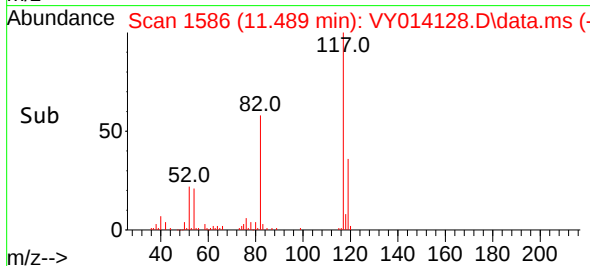
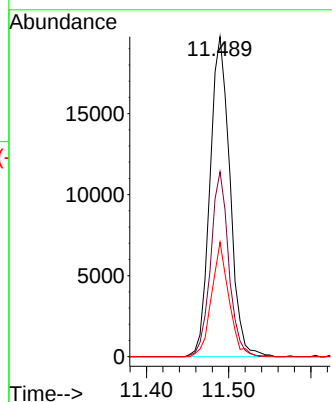
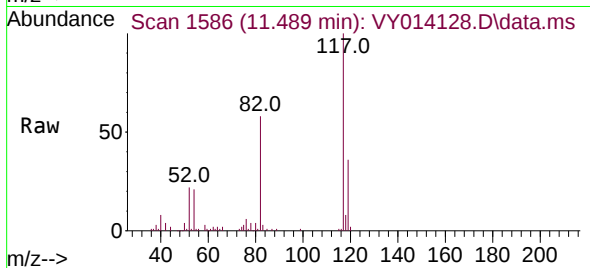
Tgt Ion:117 Resp: 33246

Ion Ratio Lower Upper

117 100

82 57.8 43.4 65.0

119 35.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014128.D

Acq: 12 Jun 2023 18:16

Tgt Ion:152 Resp: 9421

Ion Ratio Lower Upper

152 100

115 54.3 28.8 86.5

150 159.1 0.0 348.8

