

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014481.D
 Acq On : 28 Jun 2023 15:22
 Operator : KP/MD
 Sample : 03412-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUCT-2

Quant Time: Jun 29 02:18:34 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	87706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	130237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59476	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	59435	54.580	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.160%
35) Dibromofluoromethane	7.716	113	46629	55.852	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.700%
50) Toluene-d8	10.179	98	162034	48.825	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.477	95	49853	42.078	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.160%

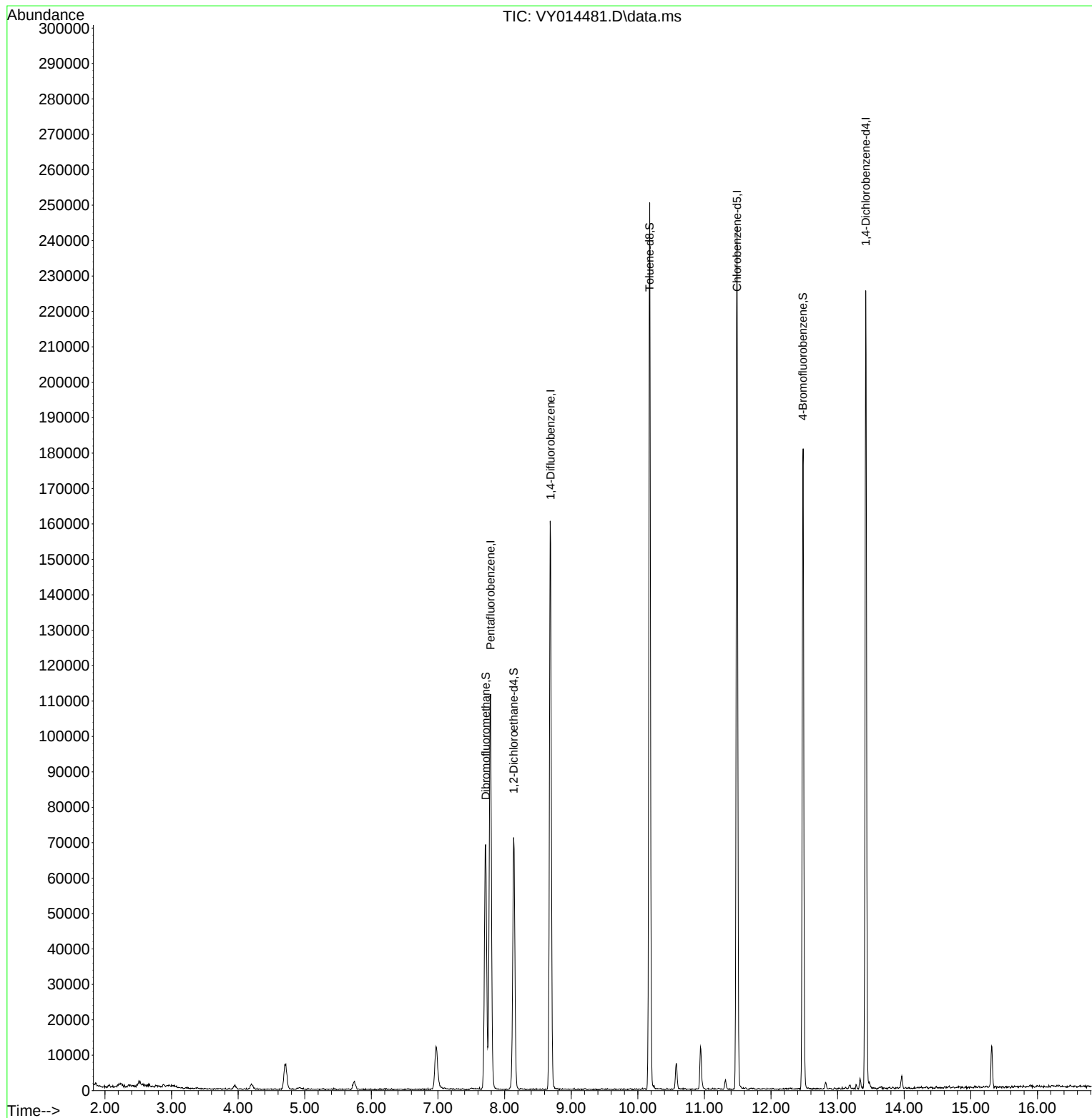
Target Compounds	Qvalue

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

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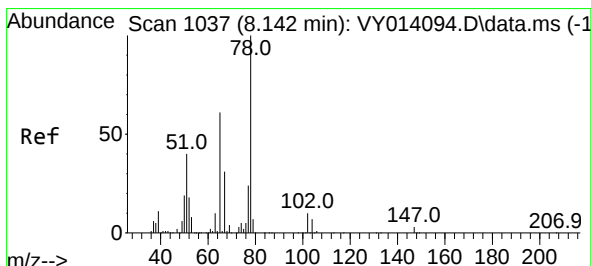
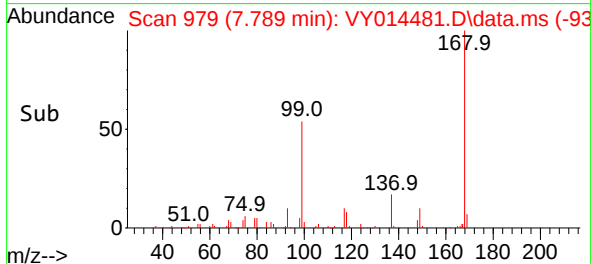
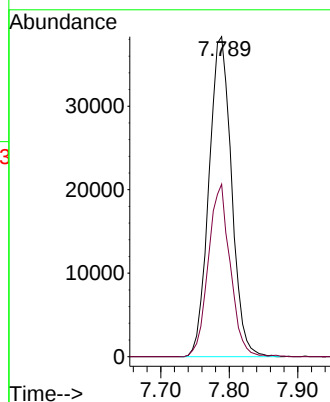
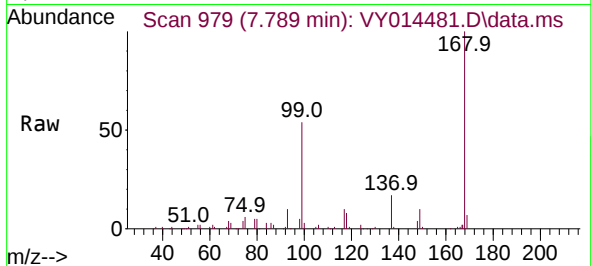




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014481.D
Acq: 28 Jun 2023 15:22

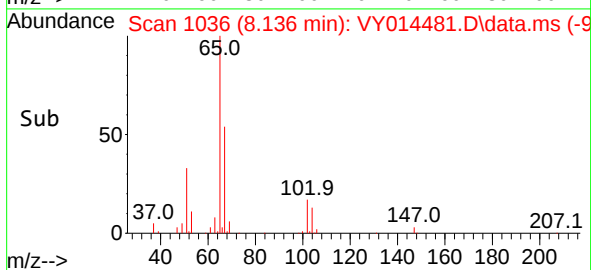
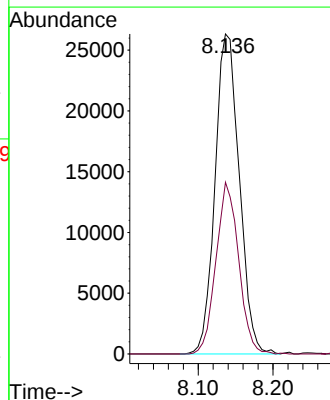
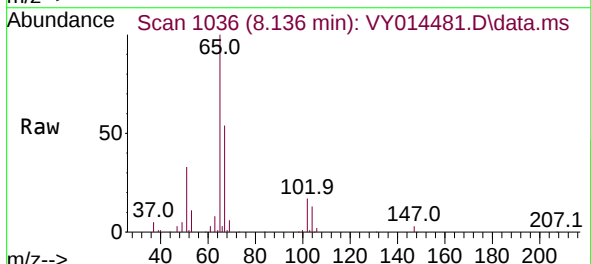
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-2

Tgt Ion:168 Resp: 87706
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.580 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014481.D
Acq: 28 Jun 2023 15:22

Tgt Ion: 65 Resp: 59435
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.8

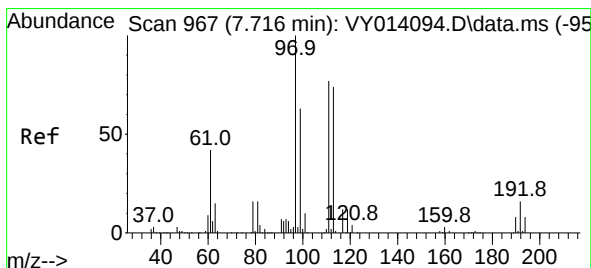
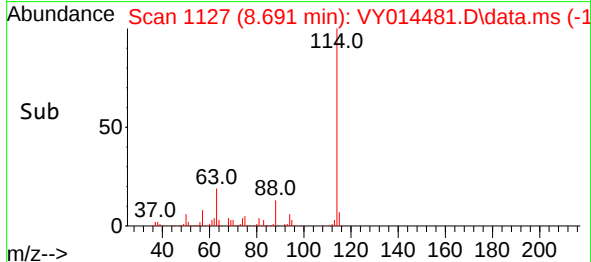
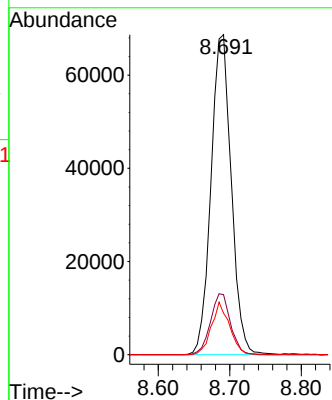
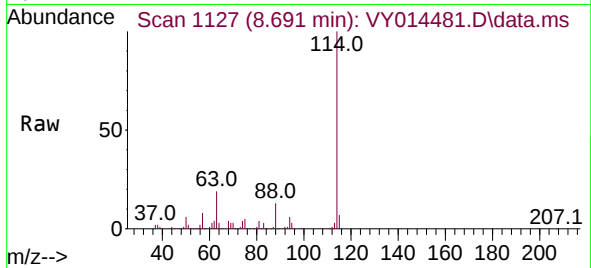




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014481.D
Acq: 28 Jun 2023 15:22

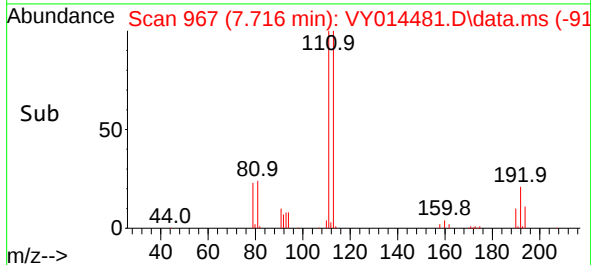
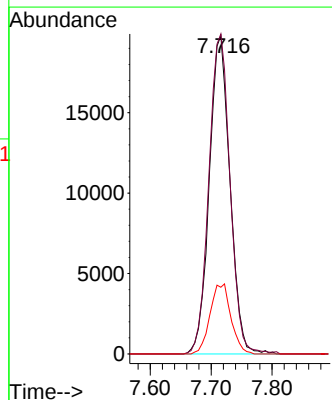
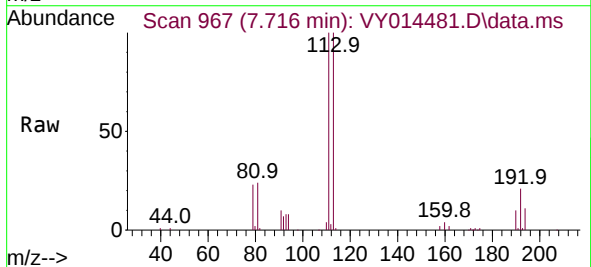
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-2

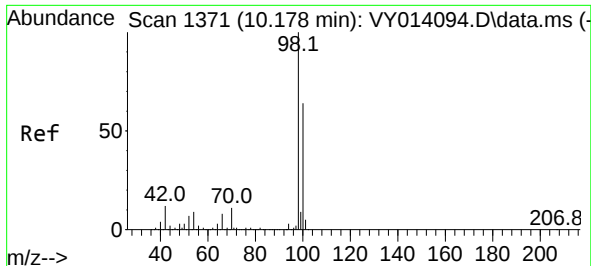
Tgt Ion:114 Resp: 135130
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 13.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.852 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014481.D
Acq: 28 Jun 2023 15:22

Tgt Ion:113 Resp: 46629
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 22.3 16.9 25.3

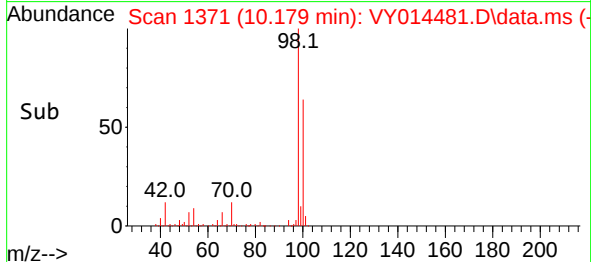
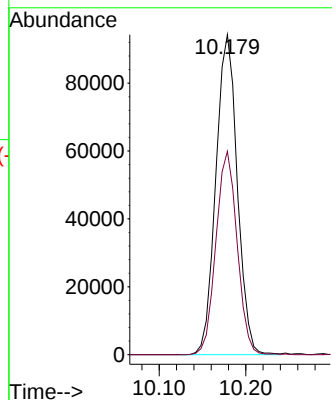
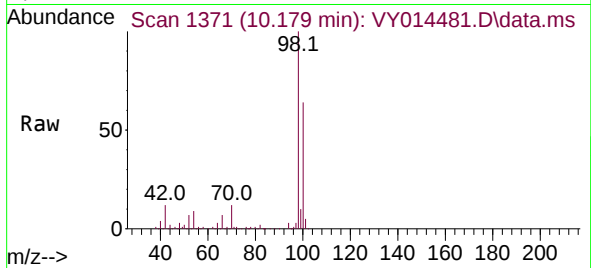




#50
Toluene-d8
Concen: 48.825 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY014481.D
Acq: 28 Jun 2023 15:22

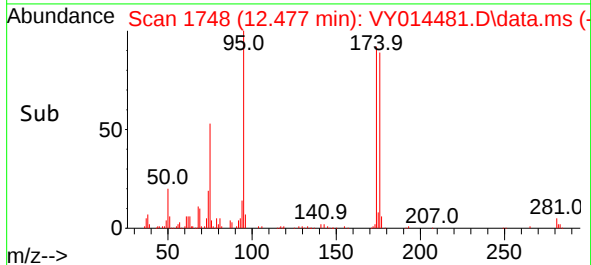
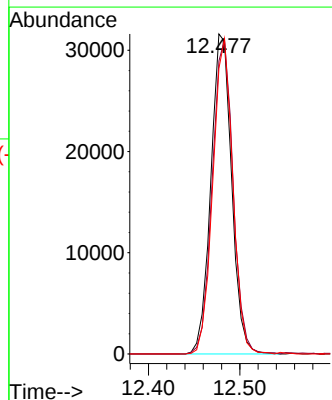
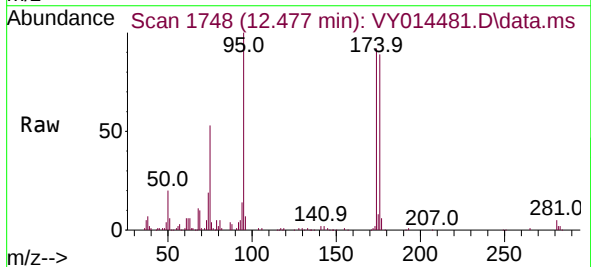
Instrument :
MSVOA_Y
ClientSampleId :
DUCT-2

Tgt Ion: 98 Resp: 162034
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.078 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014481.D
Acq: 28 Jun 2023 15:22

Tgt Ion: 95 Resp: 49853
Ion Ratio Lower Upper
95 100
174 98.2 0.0 178.2
176 94.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014481.D

Acq: 28 Jun 2023 15:22

Instrument :

MSVOA_Y

ClientSampleId :

DUCT-2

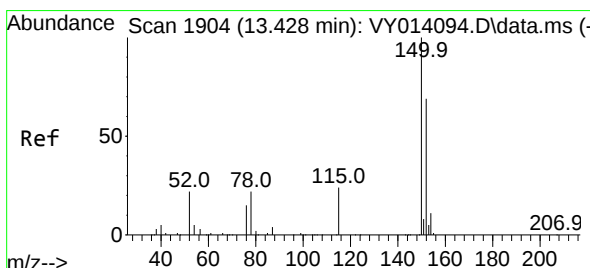
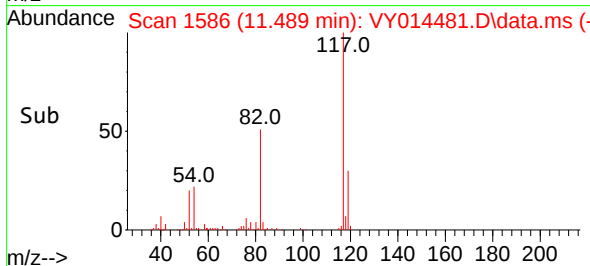
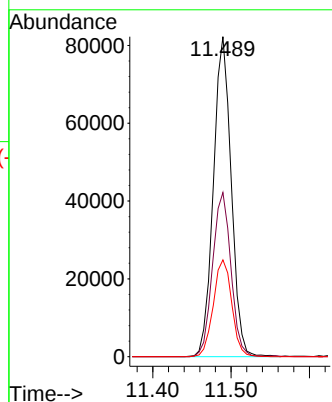
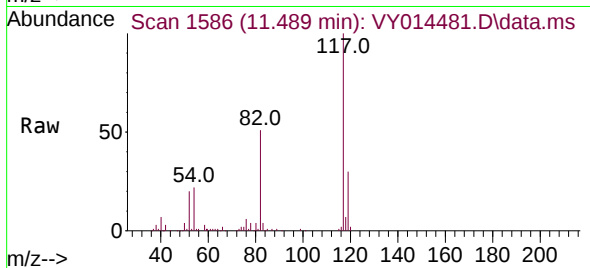
Tgt Ion:117 Resp: 130237

Ion Ratio Lower Upper

117 100

82 51.3 43.4 65.0

119 30.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014481.D

Acq: 28 Jun 2023 15:22

Tgt Ion:152 Resp: 59476

Ion Ratio Lower Upper

152 100

115 55.3 28.8 86.5

150 157.3 0.0 348.8

