

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014502.D
 Acq On : 29 Jun 2023 17:37
 Operator : KP/MD
 Sample : 03473-08
 Misc : 5.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-TOPSOIL-013

Quant Time: Jun 30 04:11:24 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	7.783	168	185877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	257696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	241595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117786	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	131691	57.063	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.120%
35) Dibromofluoromethane	7.710	113	79601	49.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.000%
50) Toluene-d8	10.173	98	301693	47.670	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.477	95	96541	42.728	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.460%

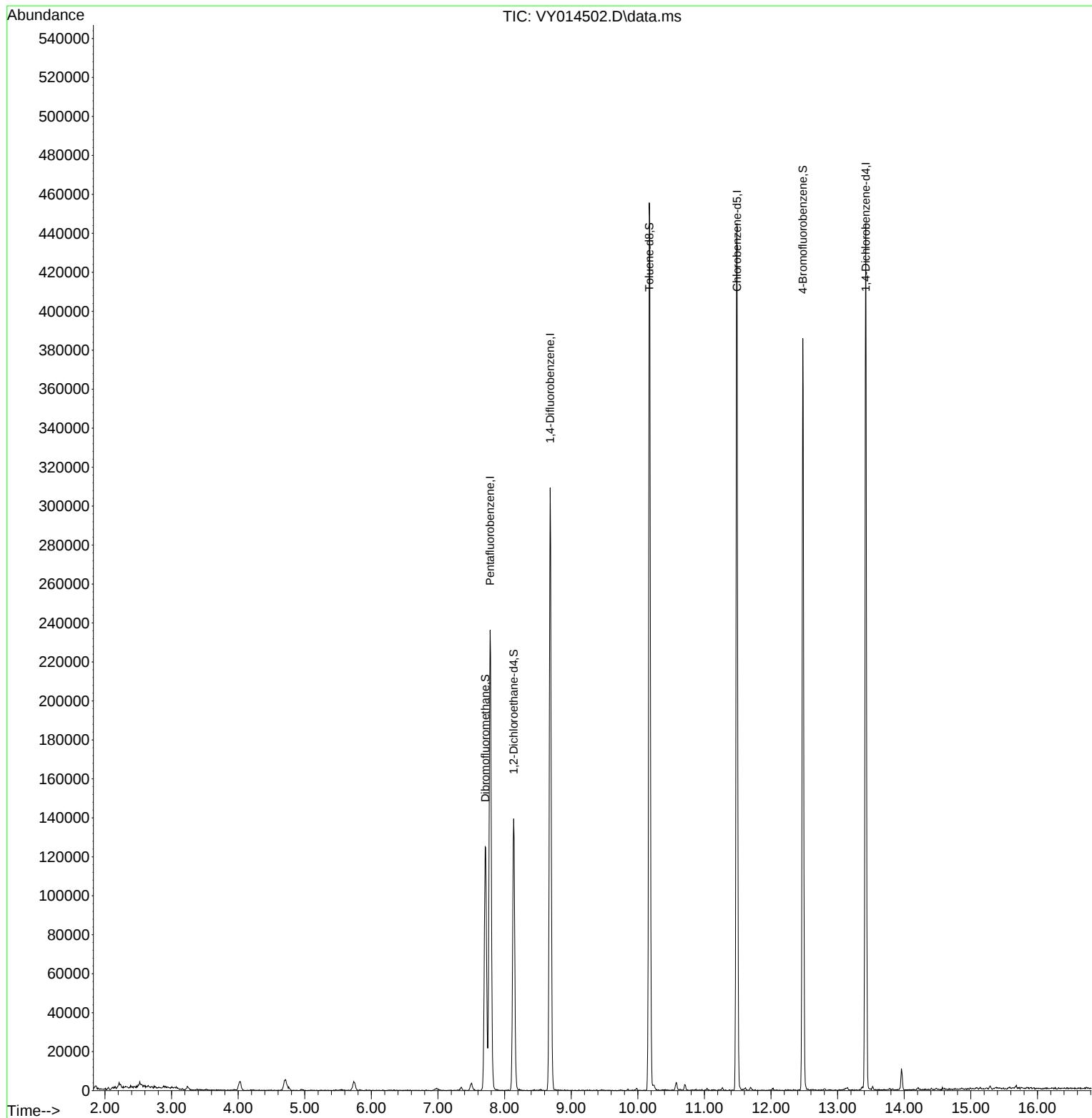
Target Compounds	Qvalue

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

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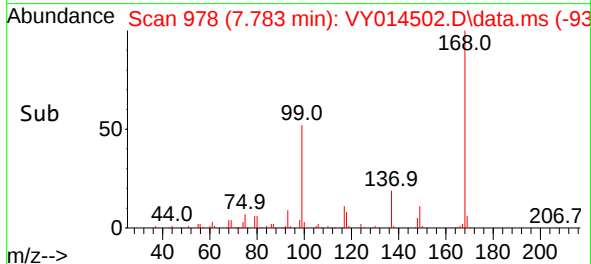
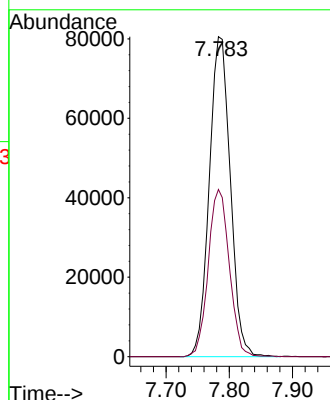
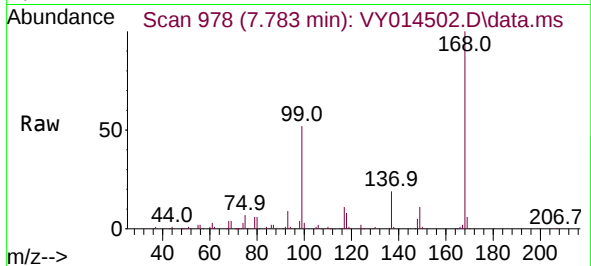




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014502.D
Acq: 29 Jun 2023 17:37

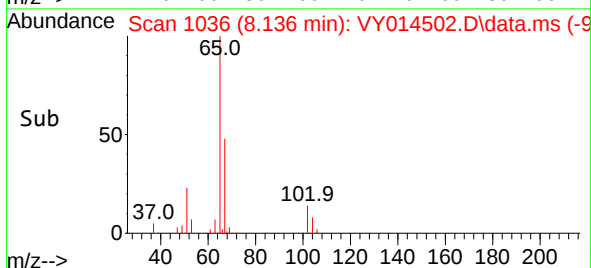
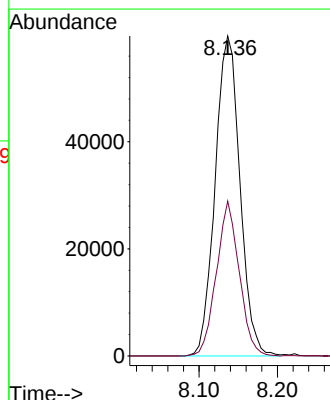
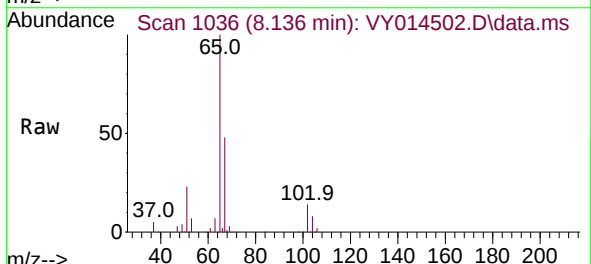
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-013

Tgt Ion:168 Resp: 185877
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.063 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014502.D
Acq: 29 Jun 2023 17:37

Tgt Ion: 65 Resp: 131691
Ion Ratio Lower Upper
65 100
67 44.5 0.0 101.8

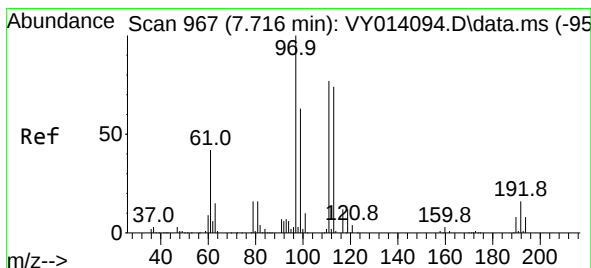
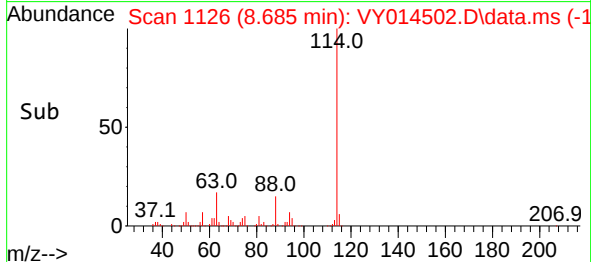
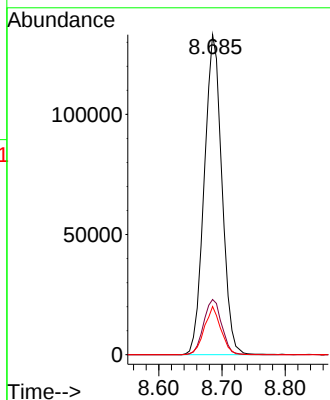
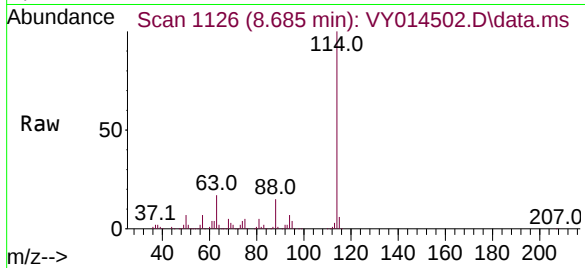




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014502.D
Acq: 29 Jun 2023 17:37

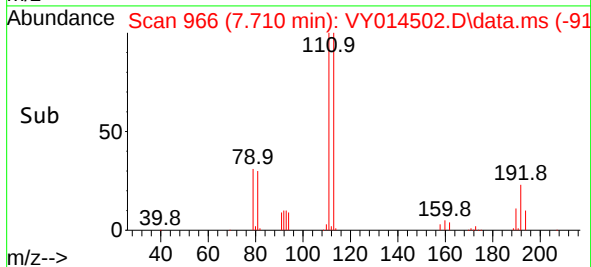
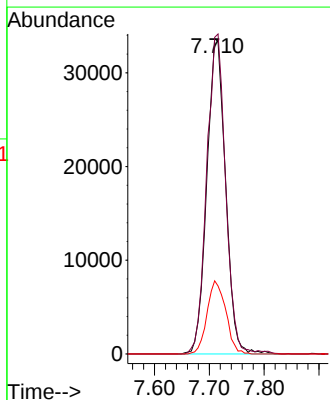
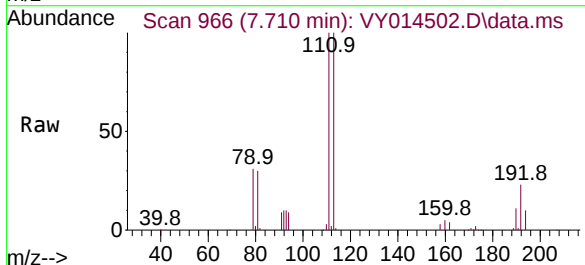
Instrument :
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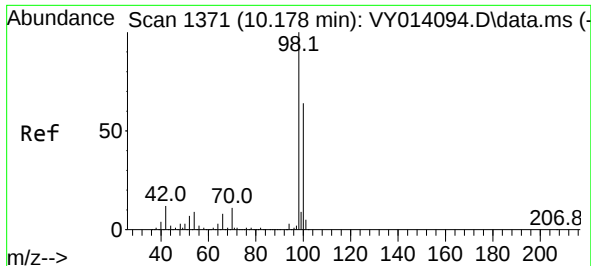
Tgt Ion:114 Resp: 257696
Ion Ratio Lower Upper
114 100
63 17.3 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.997 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014502.D
Acq: 29 Jun 2023 17:37

Tgt Ion:113 Resp: 79601
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 23.2 16.9 25.3

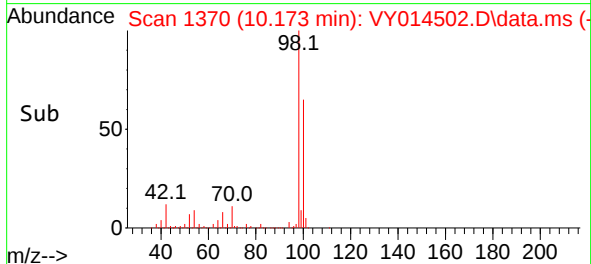
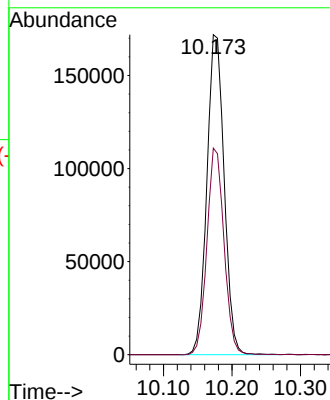
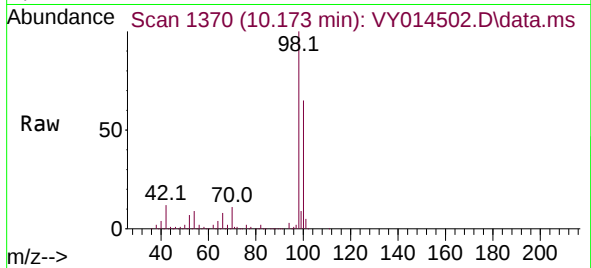




#50
Toluene-d8
Concen: 47.670 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014502.D
Acq: 29 Jun 2023 17:37

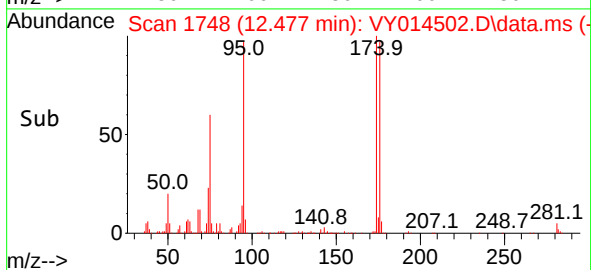
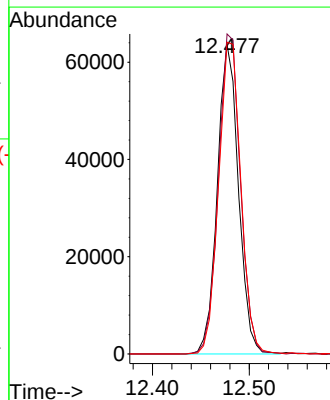
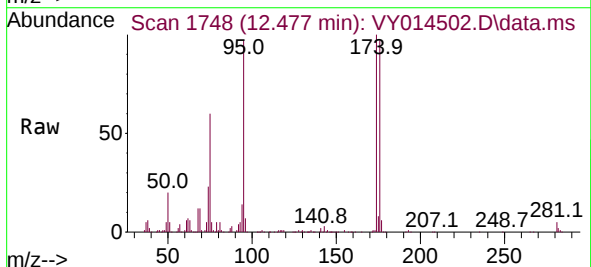
Instrument :
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ClientSampleId :
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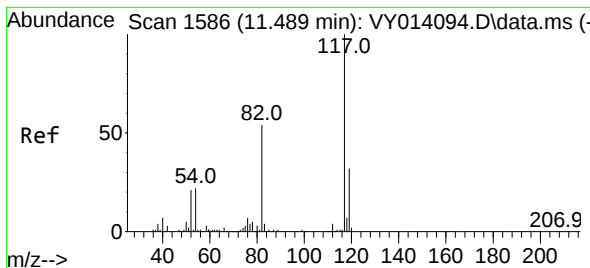
Tgt Ion: 98 Resp: 301693
Ion Ratio Lower Upper
98 100
100 63.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.728 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014502.D
Acq: 29 Jun 2023 17:37

Tgt Ion: 95 Resp: 96541
Ion Ratio Lower Upper
95 100
174 107.5 0.0 178.2
176 105.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014502.D

Acq: 29 Jun 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-TOPSOIL-013

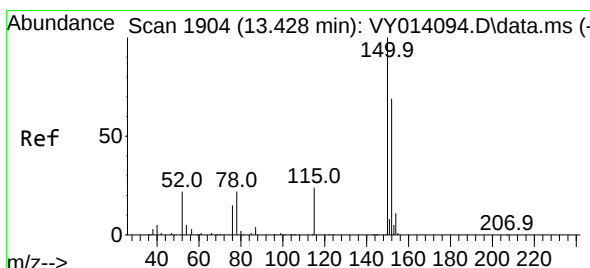
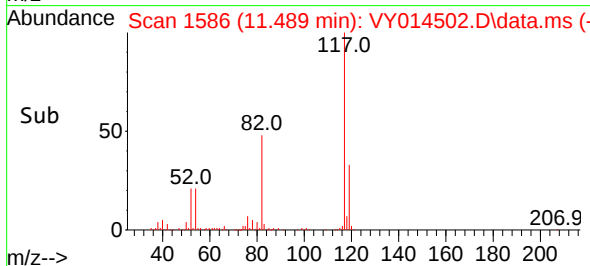
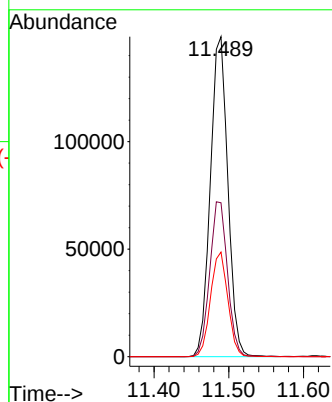
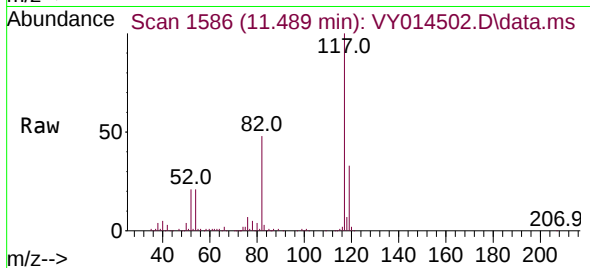
Tgt Ion:117 Resp: 241595

Ion Ratio Lower Upper

117 100

82 48.1 43.4 65.0

119 32.7 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: VY014502.D

Acq: 29 Jun 2023 17:37

Tgt Ion:152 Resp: 117786

Ion Ratio Lower Upper

152 100

115 54.1 28.8 86.5

150 154.3 0.0 348.8

