

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014497.D
 Acq On : 29 Jun 2023 15:39
 Operator : KP/MD
 Sample : 03473-03
 Misc : 5.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-TOPSOIL-007

Quant Time: Jun 30 04:09:50 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	186272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	255477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	232393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105780	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127026	54.925	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.840%
35) Dibromofluoromethane	7.716	113	78855	49.959	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.920%
50) Toluene-d8	10.173	98	306192	48.801	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.600%
62) 4-Bromofluorobenzene	12.477	95	90032	40.194	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.380%

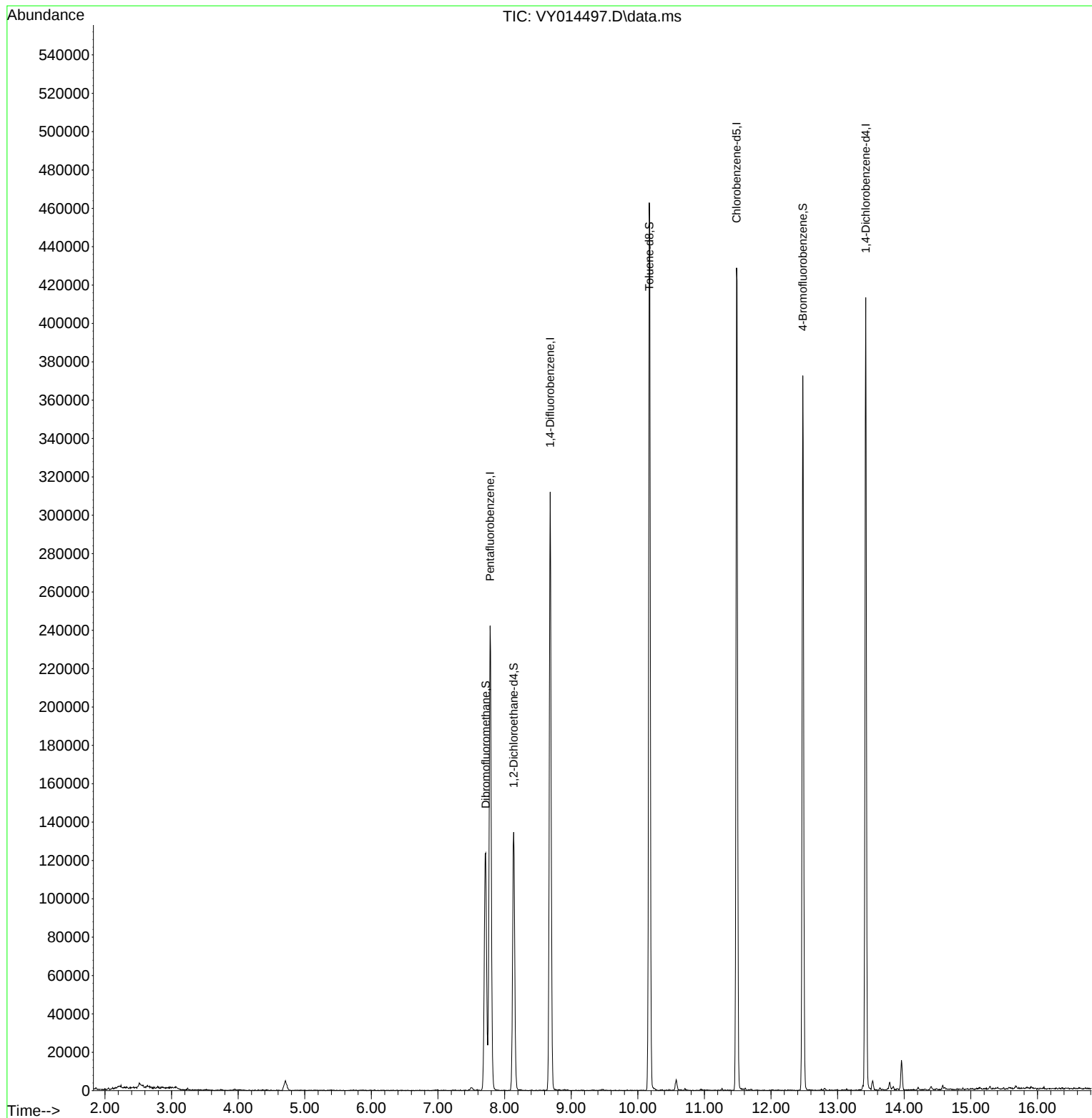
Target Compounds	Qvalue

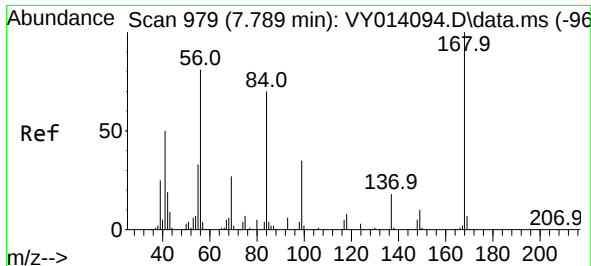
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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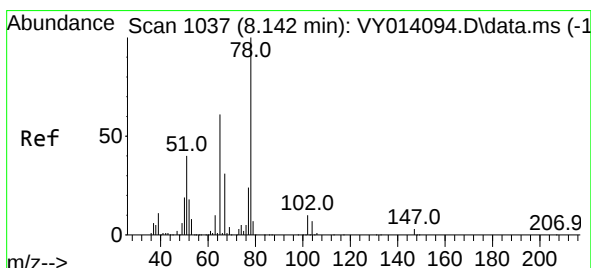
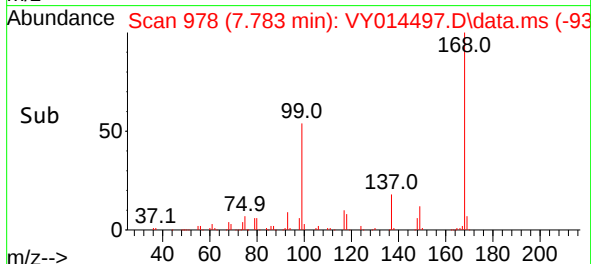
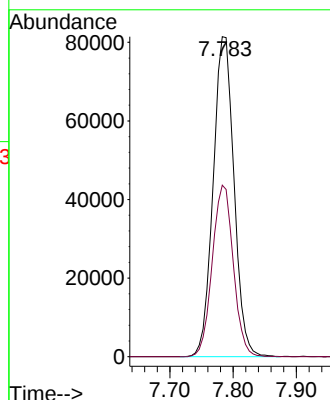
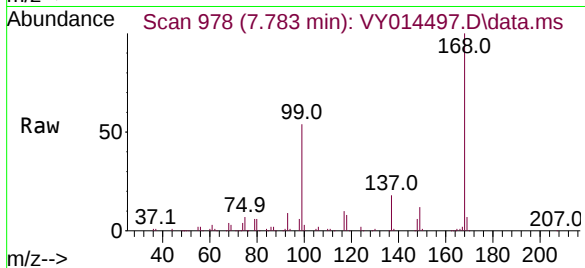




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014497.D
Acq: 29 Jun 2023 15:39

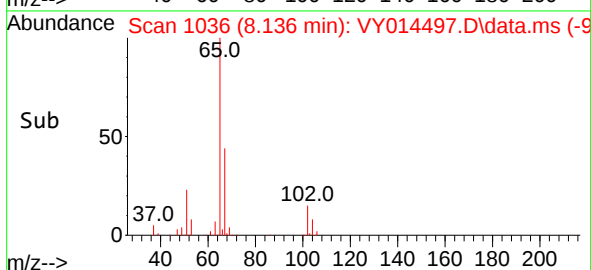
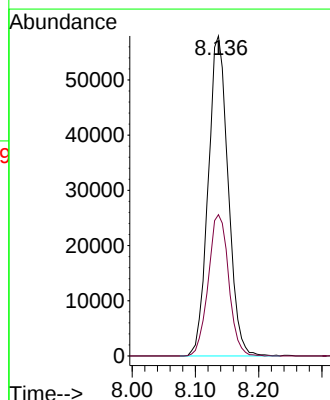
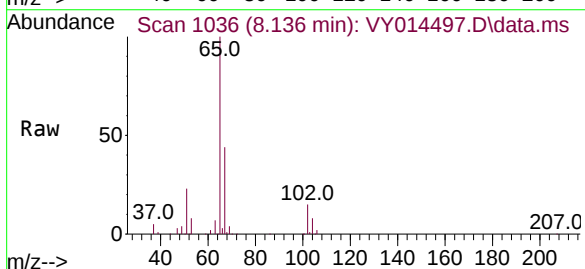
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-007

Tgt Ion:168 Resp: 186272
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 54.925 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014497.D
Acq: 29 Jun 2023 15:39

Tgt Ion: 65 Resp: 127026
Ion Ratio Lower Upper
65 100
67 45.1 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: VY014497.D

Acq: 29 Jun 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-TOPSOIL-007

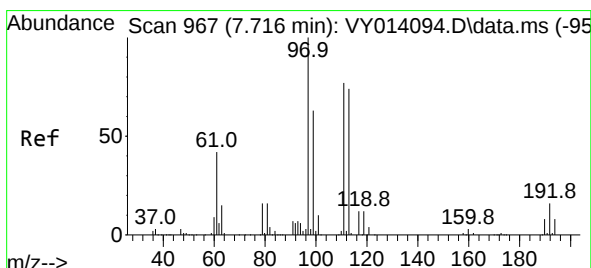
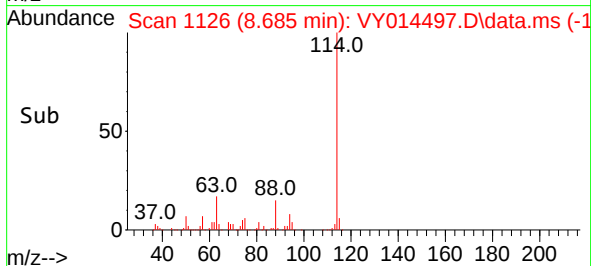
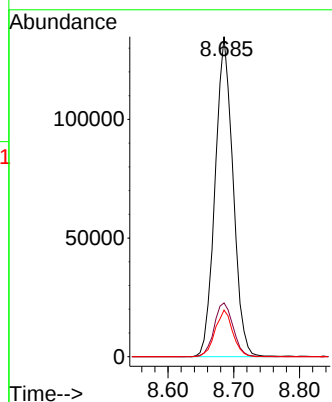
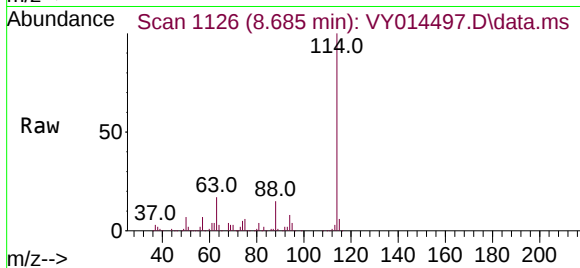
Tgt Ion:114 Resp: 255477

Ion Ratio Lower Upper

114 100

63 16.8 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.959 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014497.D

Acq: 29 Jun 2023 15:39

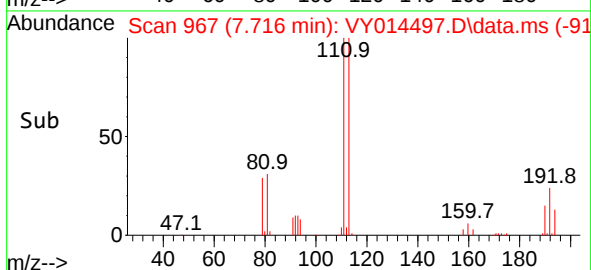
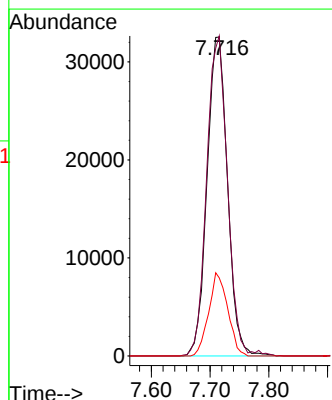
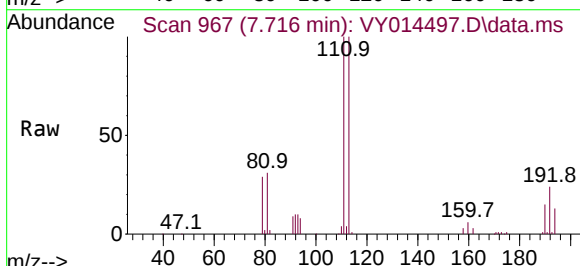
Tgt Ion:113 Resp: 78855

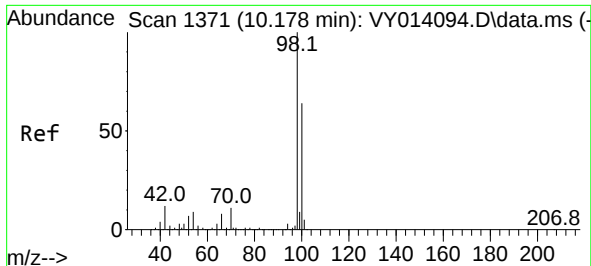
Ion Ratio Lower Upper

113 100

111 101.2 81.3 121.9

192 24.2 16.9 25.3

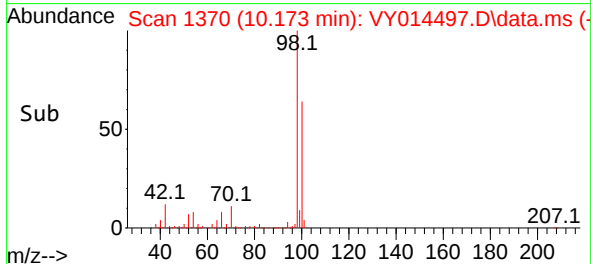
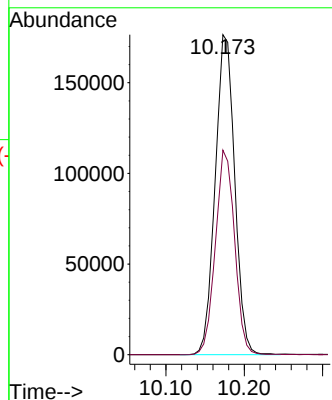
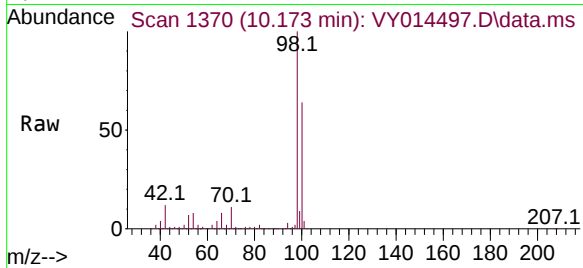




#50
Toluene-d8
Concen: 48.801 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014497.D
Acq: 29 Jun 2023 15:39

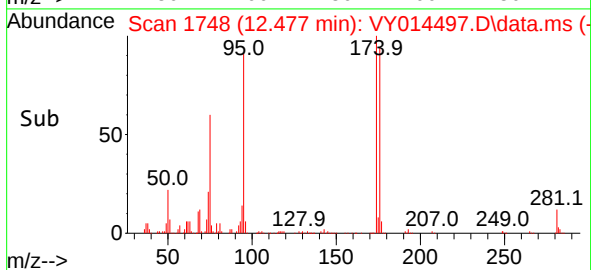
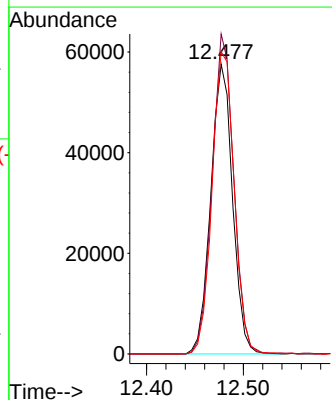
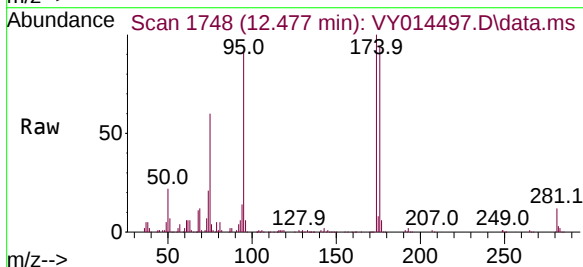
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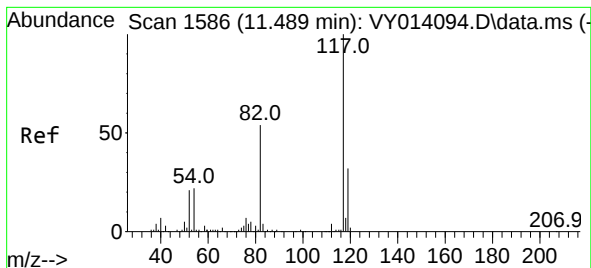
Tgt Ion: 98 Resp: 306192
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.194 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014497.D
Acq: 29 Jun 2023 15:39

Tgt Ion: 95 Resp: 90032
Ion Ratio Lower Upper
95 100
174 109.8 0.0 178.2
176 106.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014497.D

Acq: 29 Jun 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-TOPSOIL-007

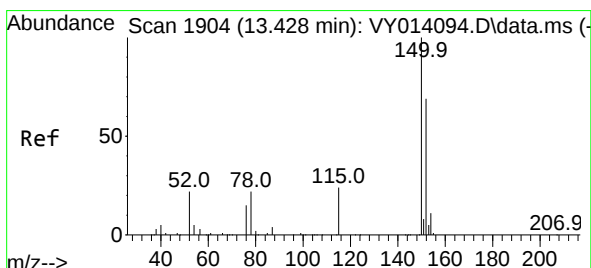
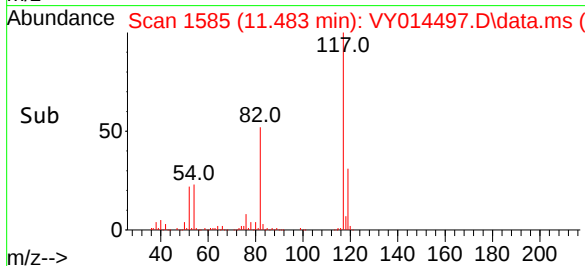
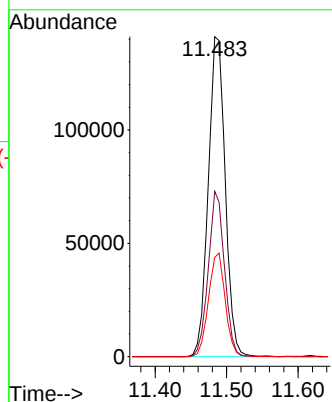
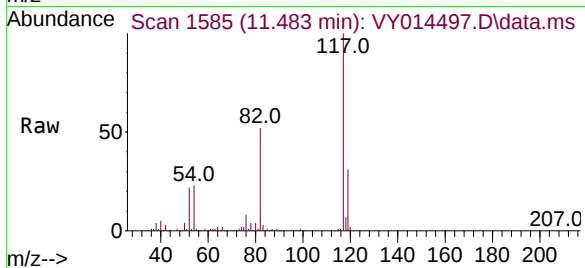
Tgt Ion:117 Resp: 232393

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.0

119 31.1 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: VY014497.D

Acq: 29 Jun 2023 15:39

Tgt Ion:152 Resp: 105780

Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 160.0 0.0 348.8

