

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
 Data File : VY014506.D
 Acq On : 29 Jun 2023 19:11
 Operator : KP/MD
 Sample : 03473-12
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CMC-EME-TOPSOIL-017

Quant Time: Jun 30 04:12:40 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	191371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122868	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	136186	57.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.640%
35) Dibromofluoromethane	7.716	113	80553	48.681	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.360%
50) Toluene-d8	10.179	98	308607	46.918	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.840%
62) 4-Bromofluorobenzene	12.477	95	100064	42.612	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.220%

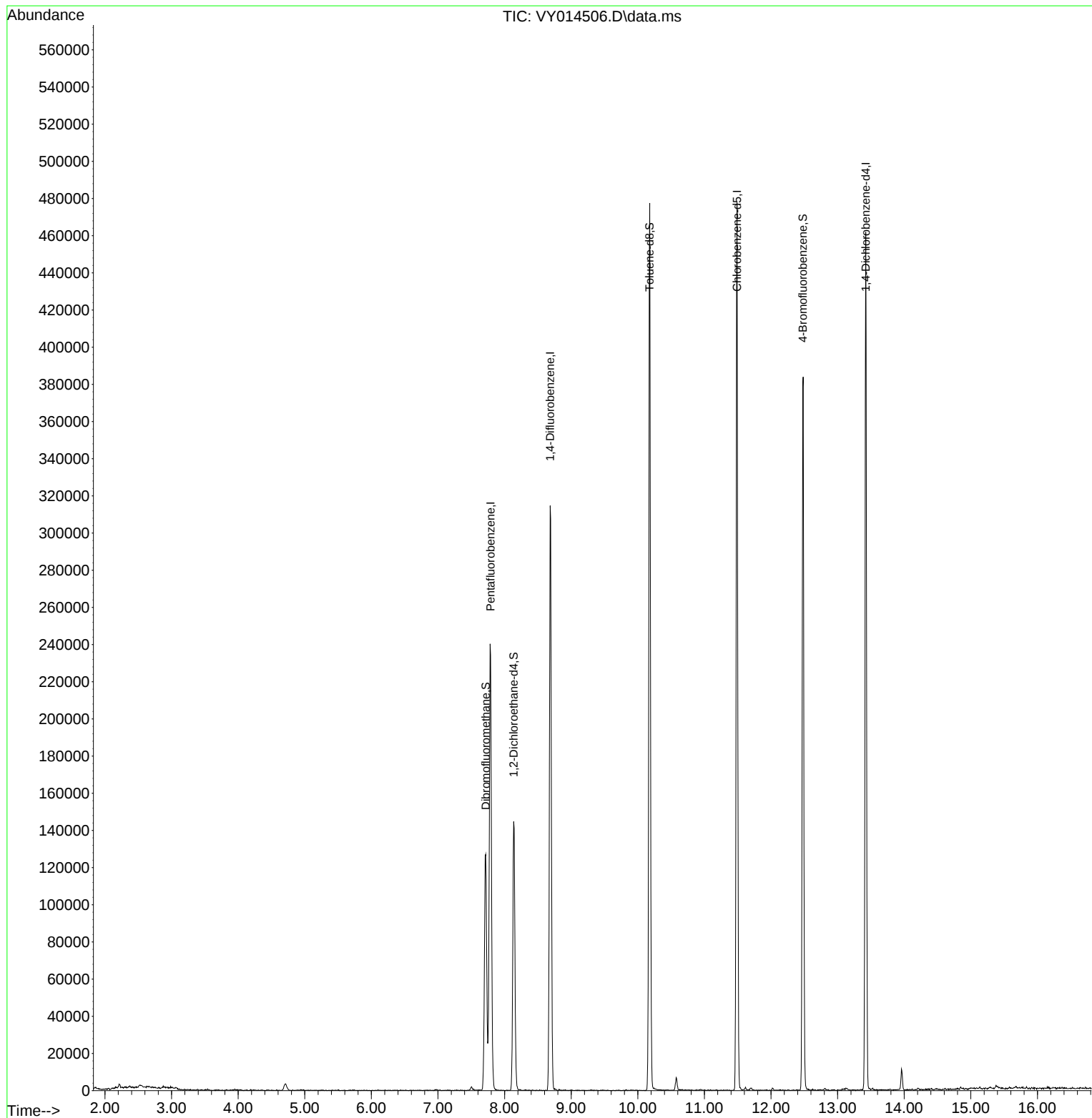
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062923\
Data File : VY014506.D
Acq On : 29 Jun 2023 19:11
Operator : KP/MD
Sample : 03473-12
Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-017

Quant Time: Jun 30 04:12:40 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

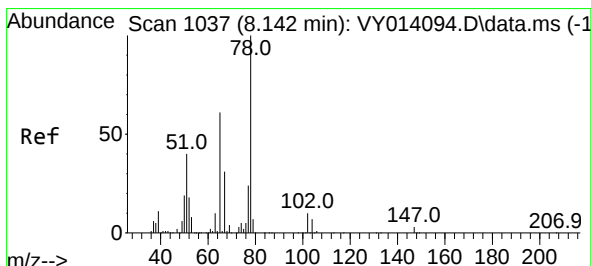
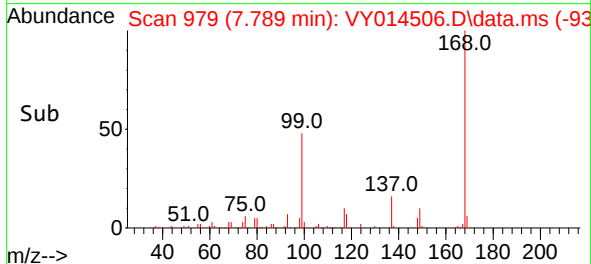
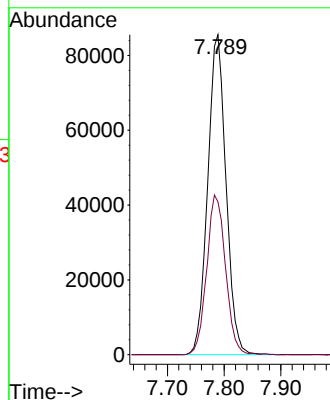
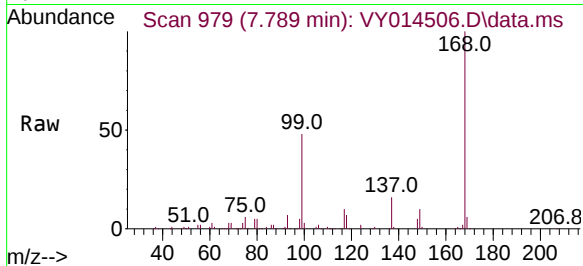




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014506.D
Acq: 29 Jun 2023 19:11

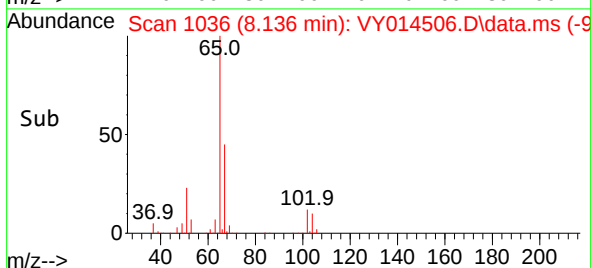
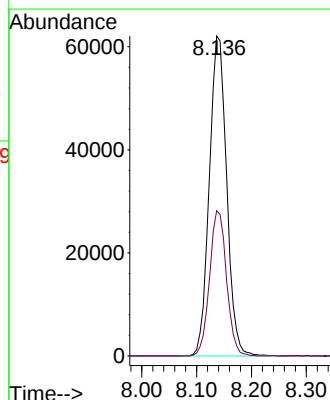
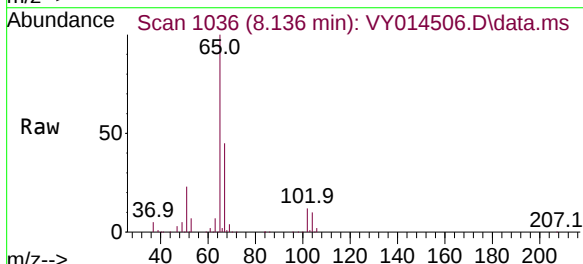
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-017

Tgt Ion:168 Resp: 191371
Ion Ratio Lower Upper
168 100
99 47.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 57.316 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014506.D
Acq: 29 Jun 2023 19:11

Tgt Ion: 65 Resp: 136186
Ion Ratio Lower Upper
65 100
67 44.3 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: VY014506.D

Acq: 29 Jun 2023 19:11

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-TOPSOIL-017

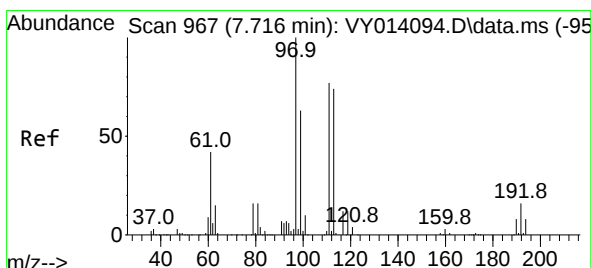
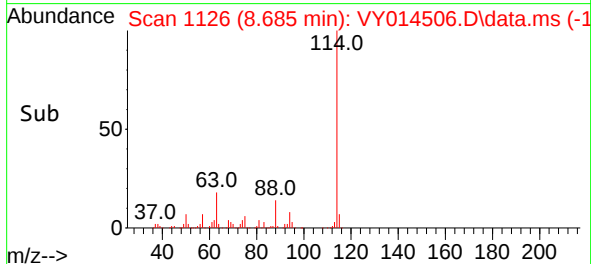
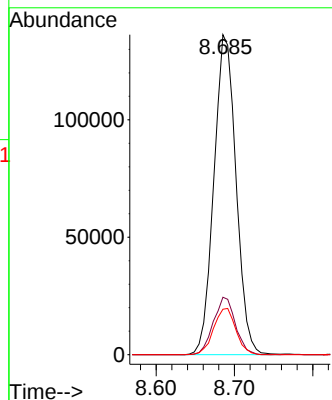
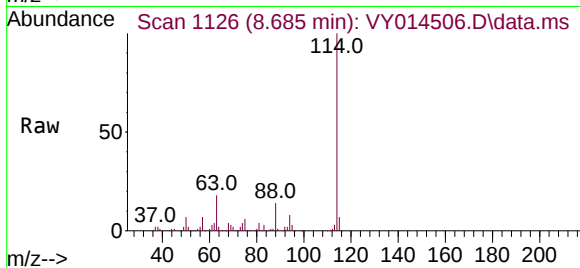
Tgt Ion:114 Resp: 267829

Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.681 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014506.D

Acq: 29 Jun 2023 19:11

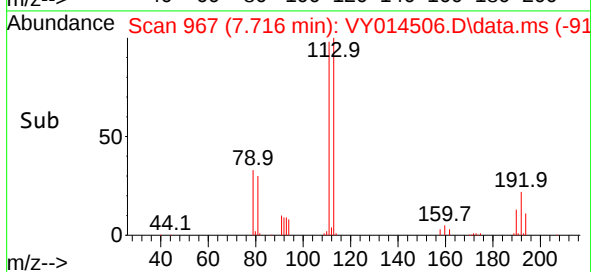
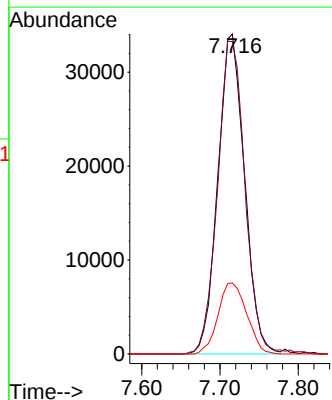
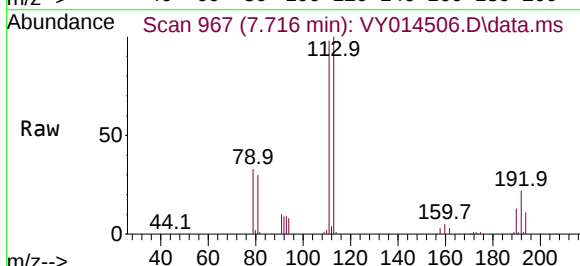
Tgt Ion:113 Resp: 80553

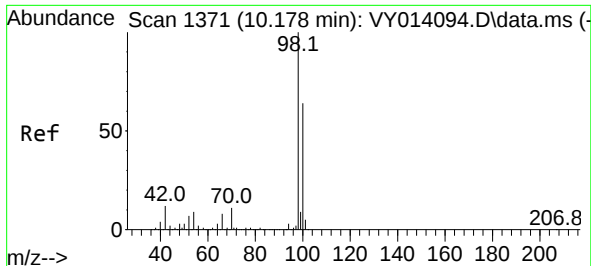
Ion Ratio Lower Upper

113 100

111 100.9 81.3 121.9

192 23.9 16.9 25.3

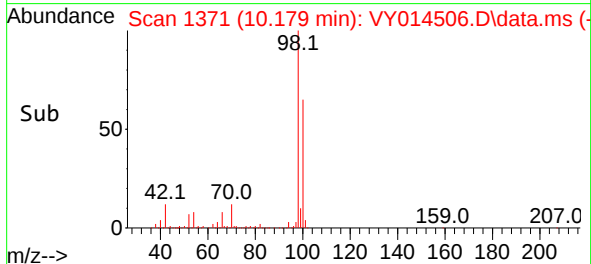
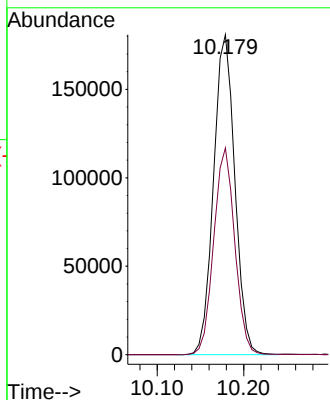
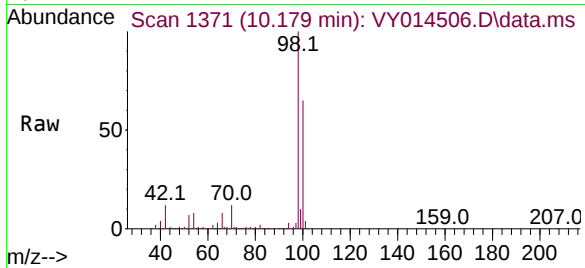




#50
Toluene-d8
Concen: 46.918 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014506.D
Acq: 29 Jun 2023 19:11

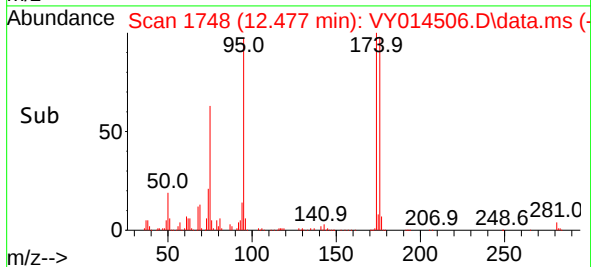
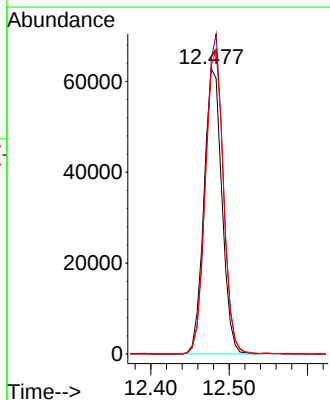
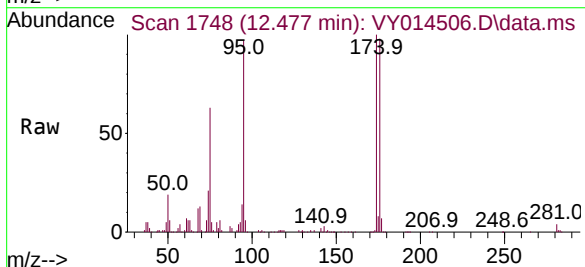
Instrument :
MSVOA_Y
ClientSampleId :
CMC-EME-TOPSOIL-017

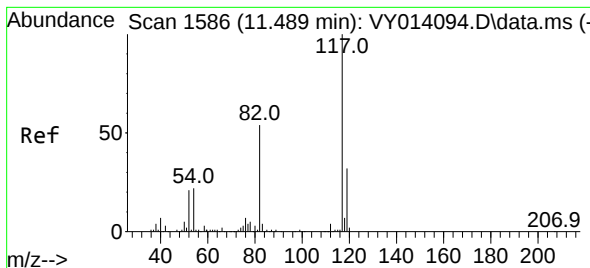
Tgt Ion: 98 Resp: 308607
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.612 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014506.D
Acq: 29 Jun 2023 19:11

Tgt Ion: 95 Resp: 100064
Ion Ratio Lower Upper
95 100
174 109.3 0.0 178.2
176 107.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014506.D

Acq: 29 Jun 2023 19:11

Instrument :

MSVOA_Y

ClientSampleId :

CMC-EME-TOPSOIL-017

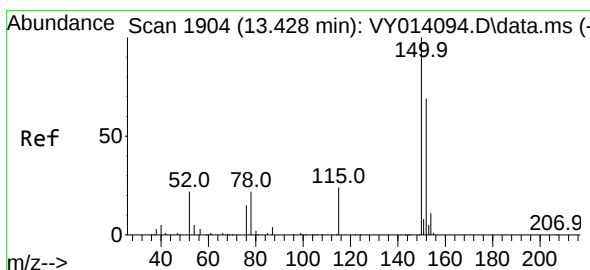
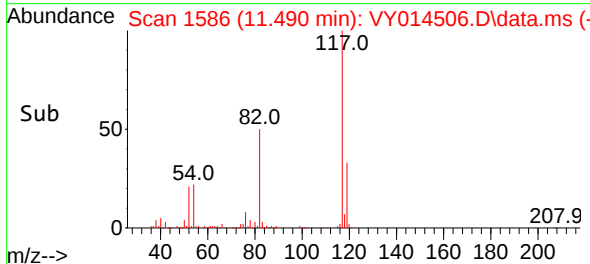
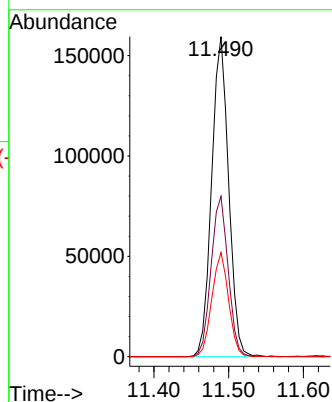
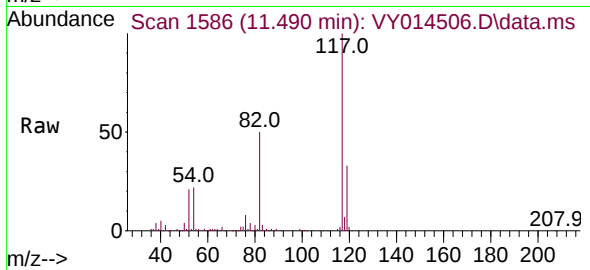
Tgt Ion:117 Resp: 252365

Ion Ratio Lower Upper

117 100

82 50.1 43.4 65.0

119 32.6 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: VY014506.D

Acq: 29 Jun 2023 19:11

Tgt Ion:152 Resp: 122868

Ion Ratio Lower Upper

152 100

115 53.1 28.8 86.5

150 155.6 0.0 348.8

