

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014440.D
 Acq On : 26 Jun 2023 17:37
 Operator : KP/MD
 Sample : 03375-03
 Misc : 3.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(0-2)

Quant Time: Jun 27 01:50:02 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	7.795	168	165329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	253936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	238492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	113508	55.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.600%
35) Dibromofluoromethane	7.722	113	79073	50.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.800%
50) Toluene-d8	10.179	98	297280	47.668	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.483	95	93442	41.969	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.940%

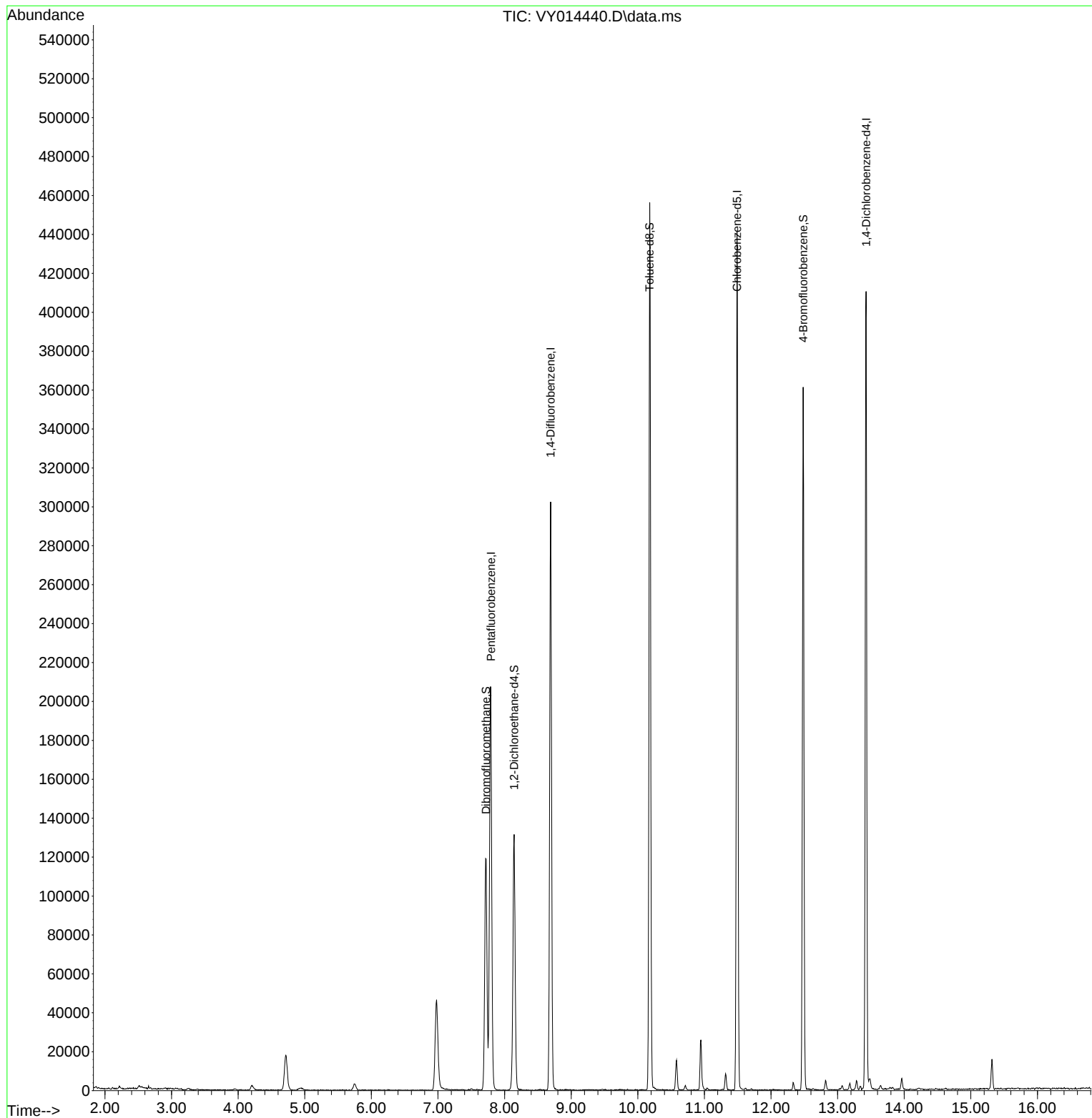
Target Compounds	Qvalue

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

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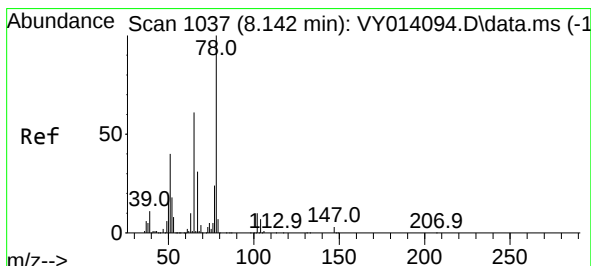
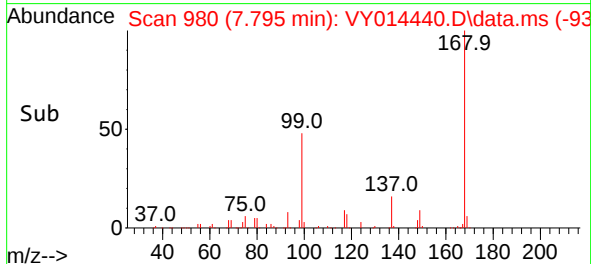
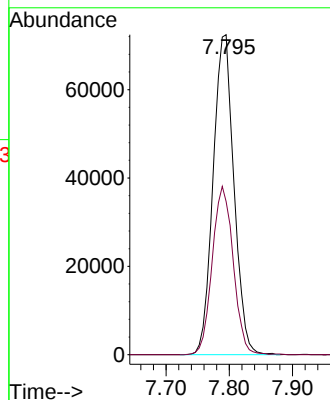
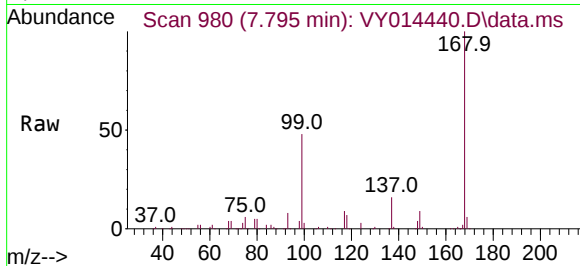




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014440.D
Acq: 26 Jun 2023 17:37

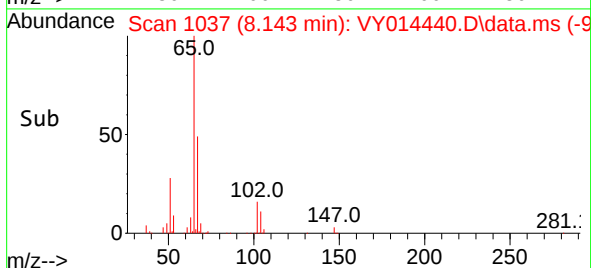
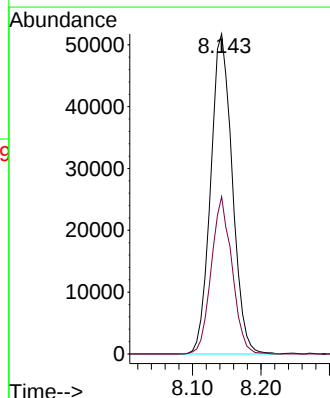
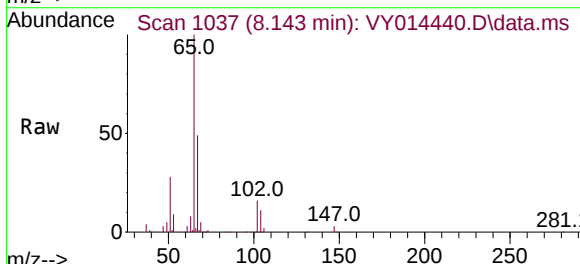
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(0-2)

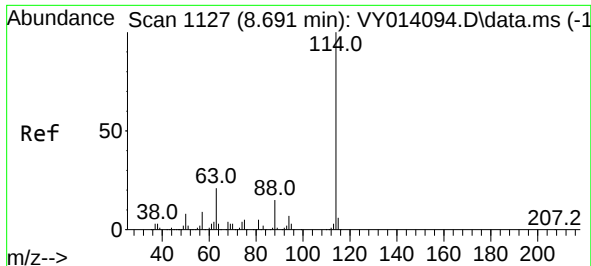
Tgt Ion:168 Resp: 165329
Ion Ratio Lower Upper
168 100
99 47.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 55.297 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014440.D
Acq: 26 Jun 2023 17:37

Tgt Ion: 65 Resp: 113508
Ion Ratio Lower Upper
65 100
67 47.1 0.0 101.8

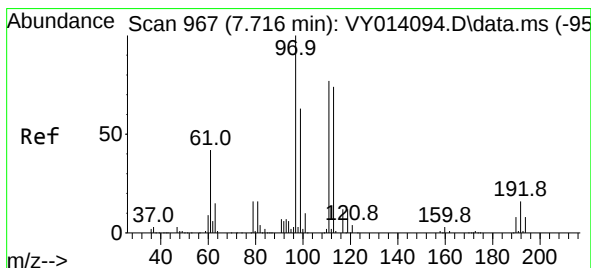
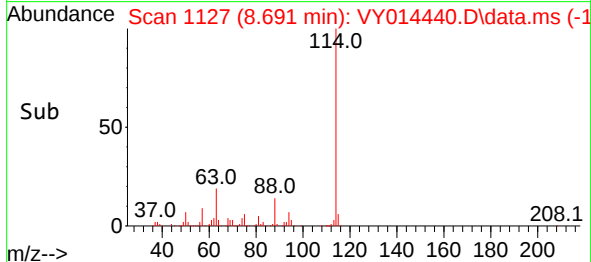
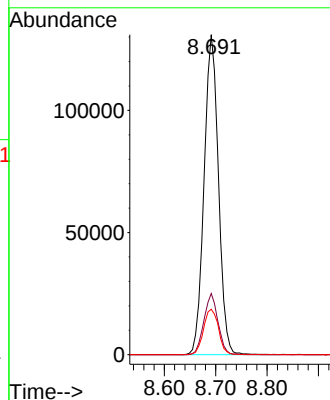
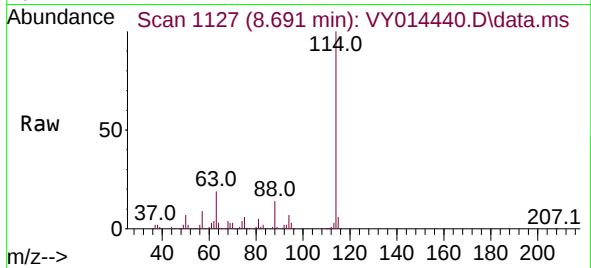




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014440.D
Acq: 26 Jun 2023 17:37

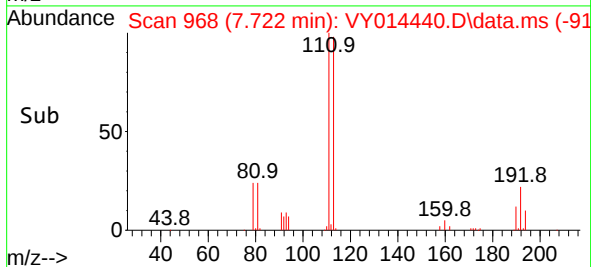
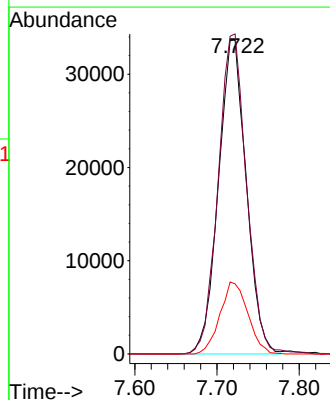
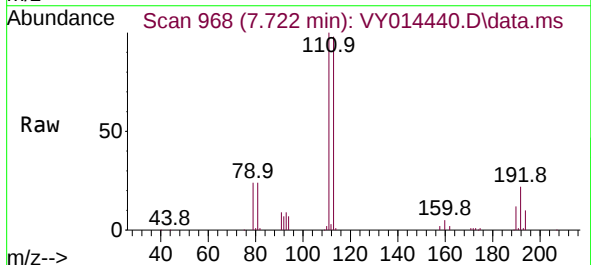
Instrument :
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ClientSampleId :
SB-2(0-2)

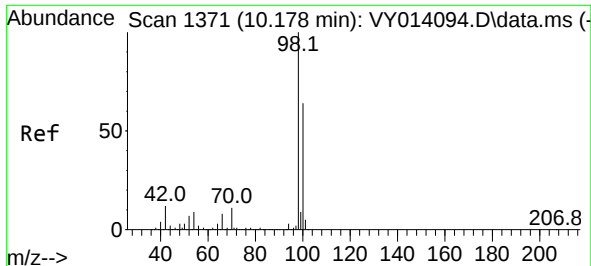
Tgt Ion:114 Resp: 253936
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 14.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.401 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014440.D
Acq: 26 Jun 2023 17:37

Tgt Ion:113 Resp: 79073
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 22.9 16.9 25.3

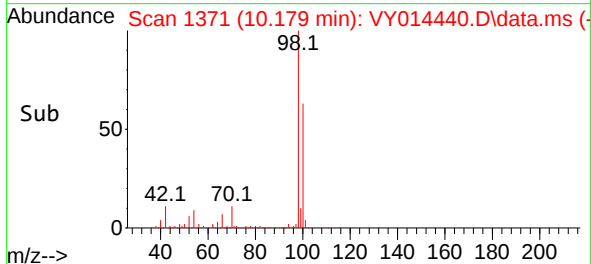
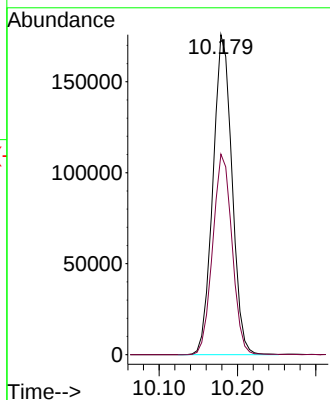
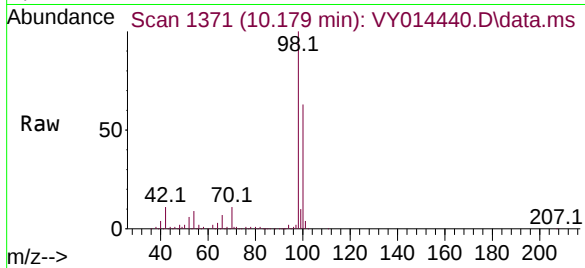




#50
Toluene-d8
Concen: 47.668 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014440.D
Acq: 26 Jun 2023 17:37

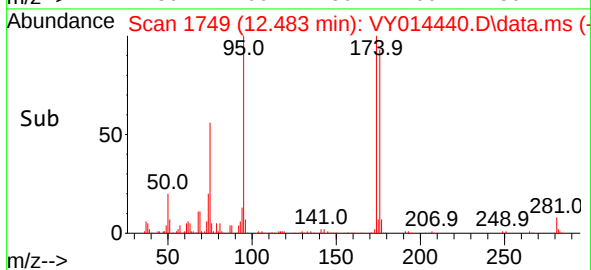
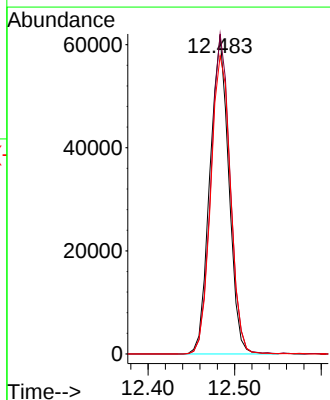
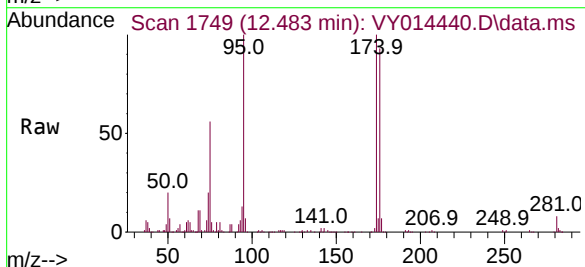
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(0-2)

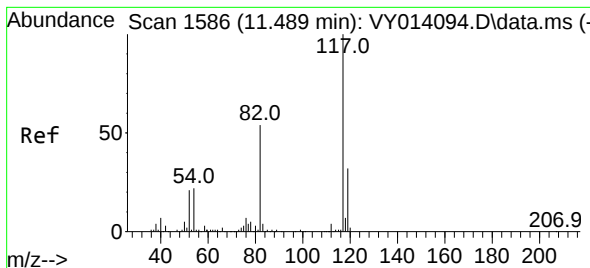
Tgt Ion: 98 Resp: 297280
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.969 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014440.D
Acq: 26 Jun 2023 17:37

Tgt Ion: 95 Resp: 93442
Ion Ratio Lower Upper
95 100
174 101.9 0.0 178.2
176 98.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014440.D

Acq: 26 Jun 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(0-2)

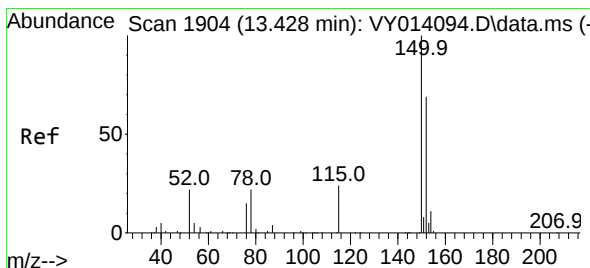
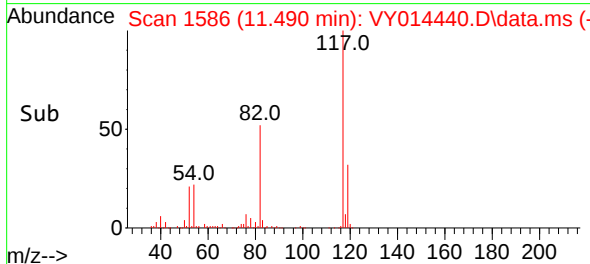
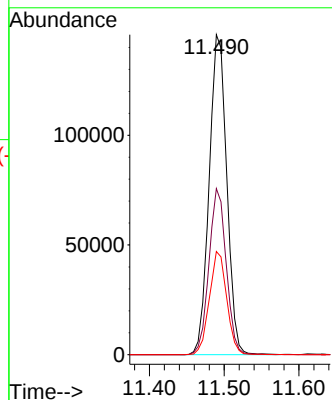
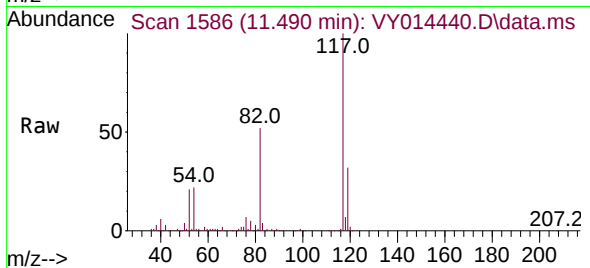
Tgt Ion:117 Resp: 238492

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.0

119 32.3 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: VY014440.D

Acq: 26 Jun 2023 17:37

Tgt Ion:152 Resp: 111350

Ion Ratio Lower Upper

152 100

115 54.4 28.8 86.5

150 154.9 0.0 348.8

