

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012262.D
 Acq On : 19 Jan 2023 13:50
 Operator : KP/MD
 Sample : 01214-04
 Misc : 7.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011723-B3-10-20

Quant Time: Jan 20 03:23:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	188525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	309350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	292119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135835	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	106309	69.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.140%
35) Dibromofluoromethane	7.716	113	90993	55.551	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.100%
50) Toluene-d8	10.179	98	361546	65.004	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.000%
62) 4-Bromofluorobenzene	12.483	95	120614	52.234	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.460%

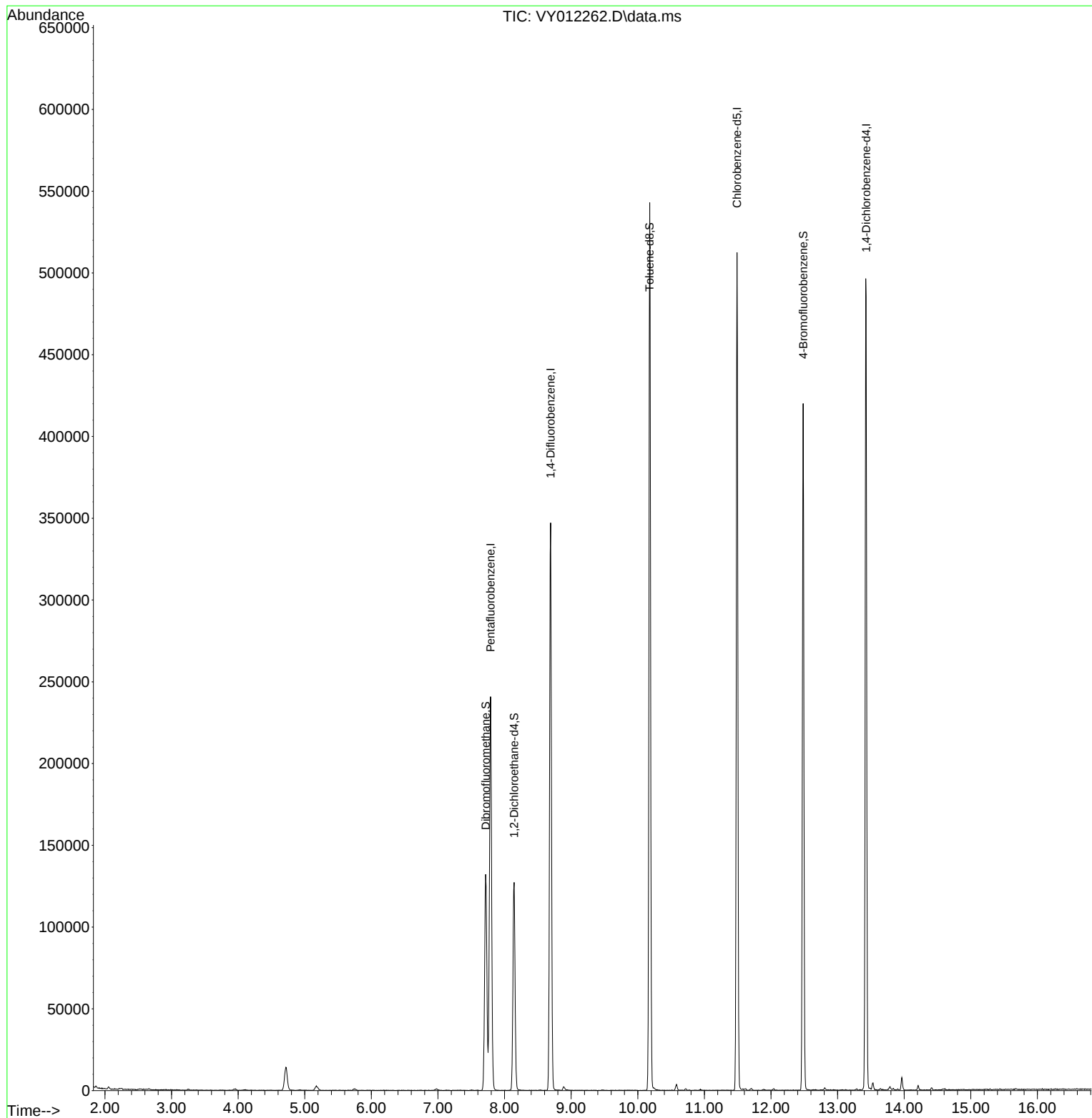
Target Compounds	Qvalue

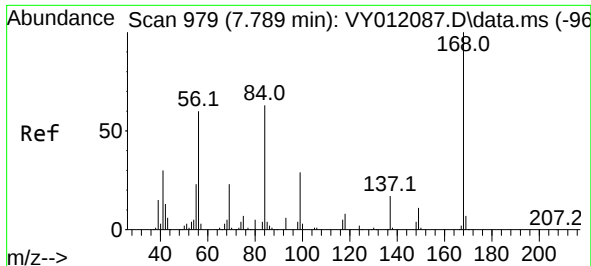
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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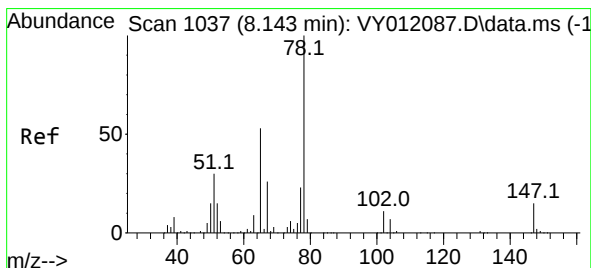
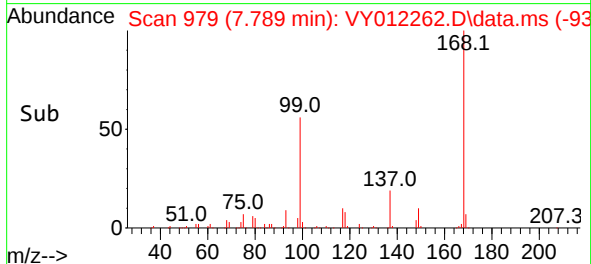
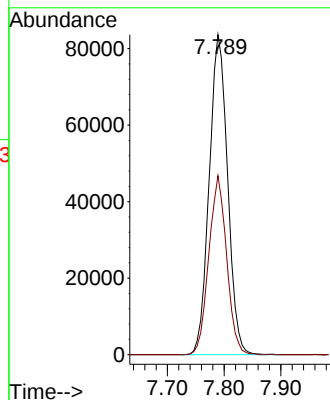
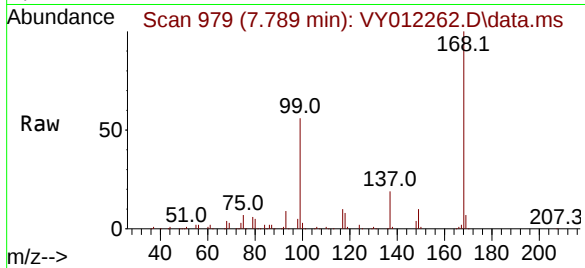




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

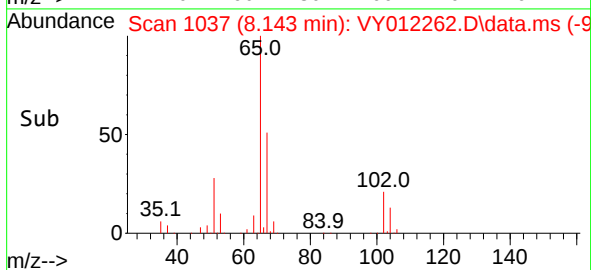
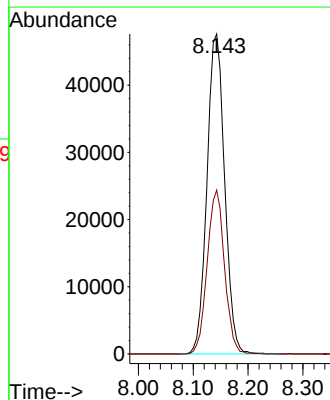
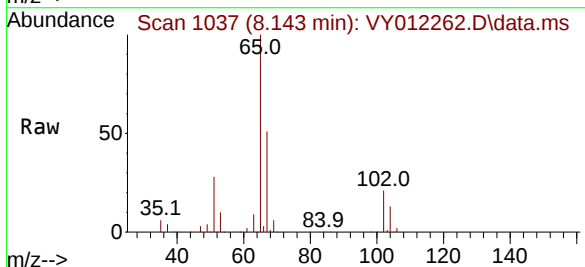
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-10-20

Tgt Ion:168 Resp: 188525
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 69.570 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

Tgt Ion: 65 Resp: 106309
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.2

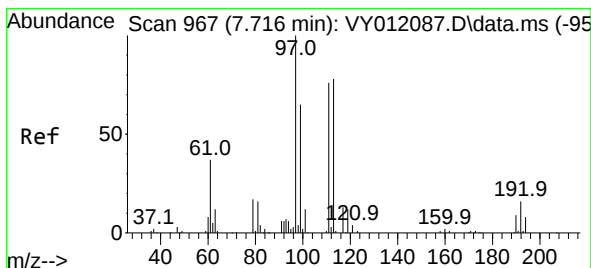
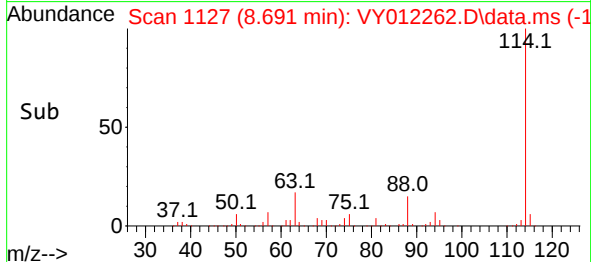
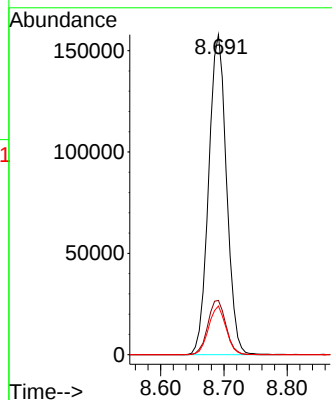
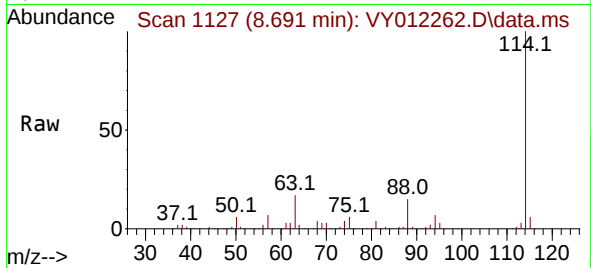




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

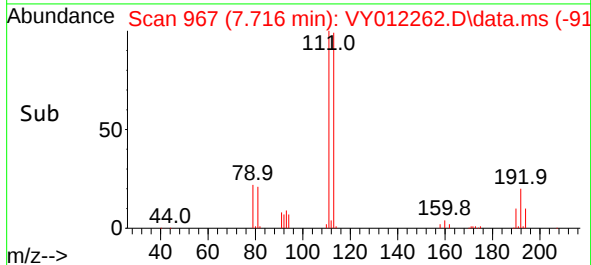
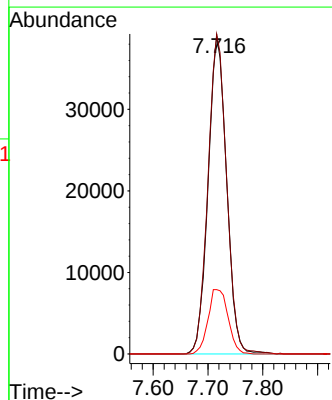
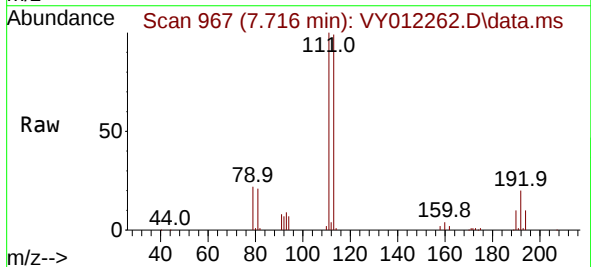
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-10-20

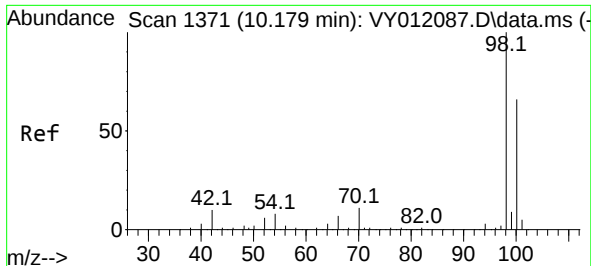
Tgt Ion:114 Resp: 309350
Ion Ratio Lower Upper
114 100
63 17.0 0.0 39.6
88 15.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 55.551 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

Tgt Ion:113 Resp: 90993
Ion Ratio Lower Upper
113 100
111 101.5 83.0 124.4
192 22.0 16.0 24.0

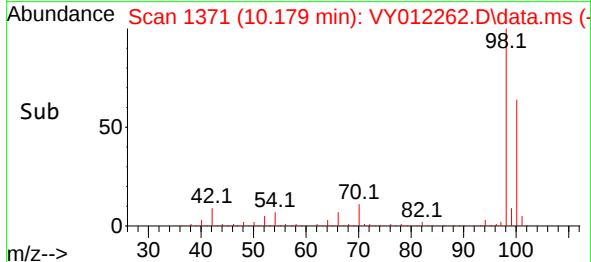
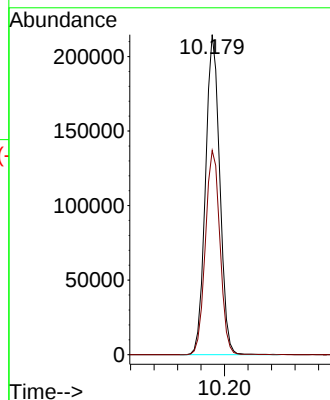
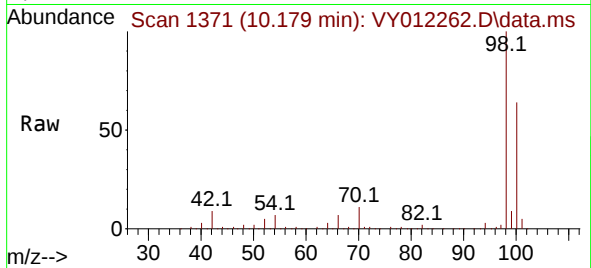




#50
Toluene-d8
Concen: 65.004 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

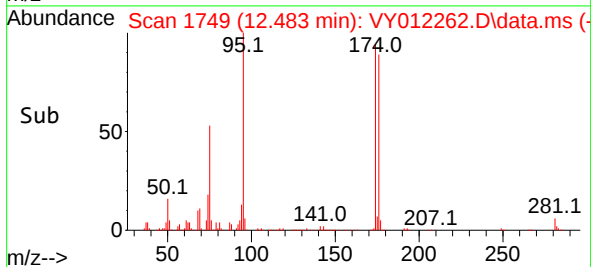
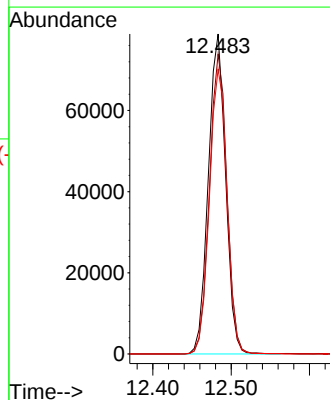
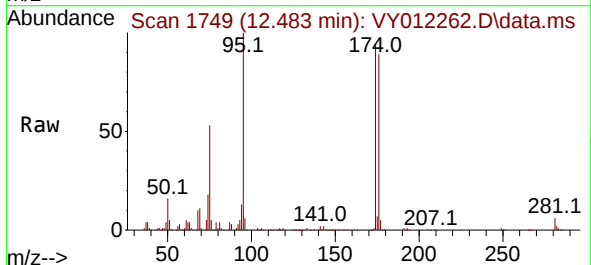
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-10-20

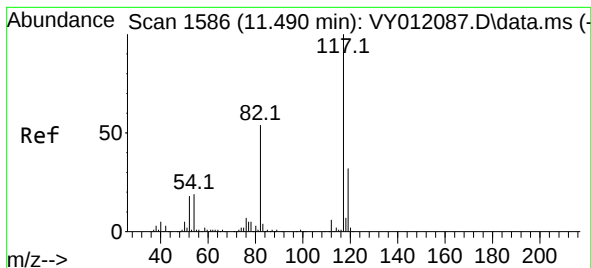
Tgt Ion: 98 Resp: 361546
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.234 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

Tgt Ion: 95 Resp: 120614
Ion Ratio Lower Upper
95 100
174 94.8 0.0 172.0
176 91.2 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012262.D

Acq: 19 Jan 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

TJRC-011723-B3-10-20

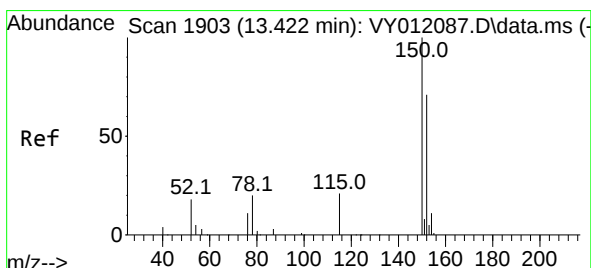
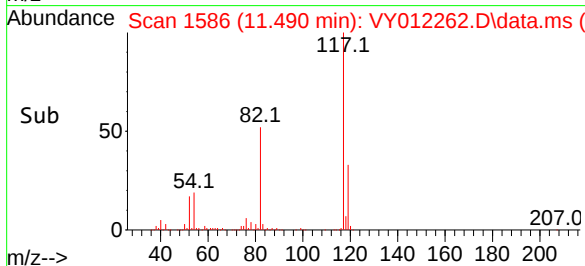
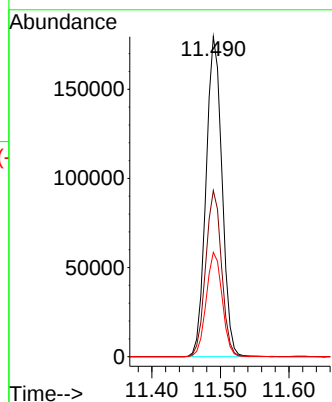
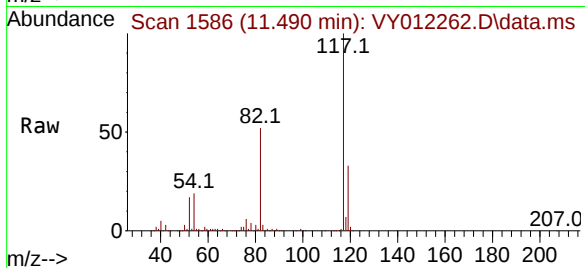
Tgt Ion:117 Resp: 292119

Ion Ratio Lower Upper

117 100

82 51.9 44.8 67.2

119 32.6 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012262.D

Acq: 19 Jan 2023 13:50

Tgt Ion:152 Resp: 135835

Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.3

150 158.2 0.0 342.6

