

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012263.D
 Acq On : 19 Jan 2023 14:13
 Operator : KP/MD
 Sample : 01214-07
 Misc : 5.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011723-B3-0-10-DUP

Quant Time: Jan 20 03:23:56 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	178126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	296612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	280899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131004	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	107450	74.719	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	149.440%
35) Dibromofluoromethane	7.716	113	87578	55.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.520%
50) Toluene-d8	10.179	98	346011	64.874	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	129.740%
62) 4-Bromofluorobenzene	12.483	95	115436	52.139	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.280%

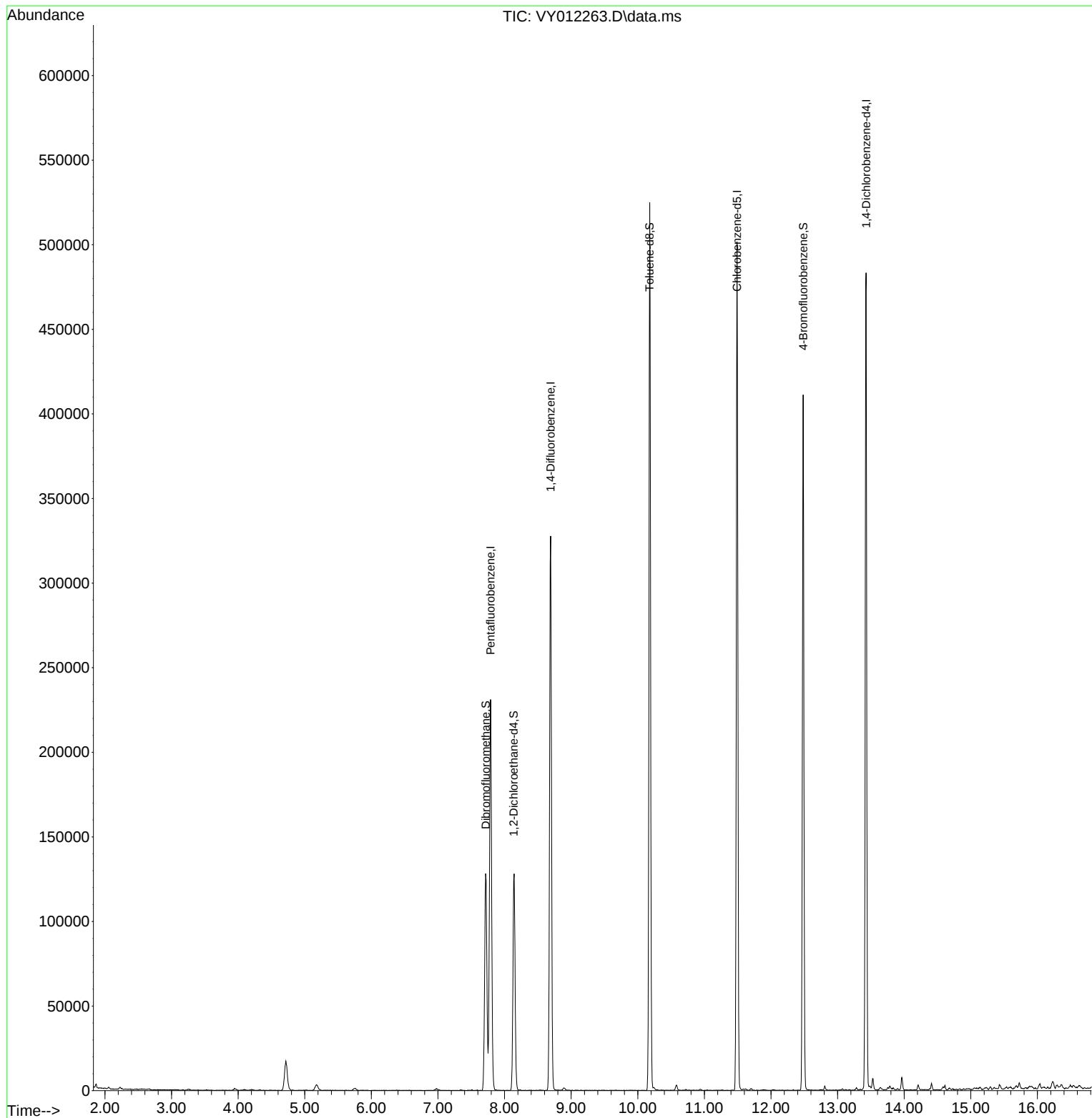
Target Compounds	Qvalue

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

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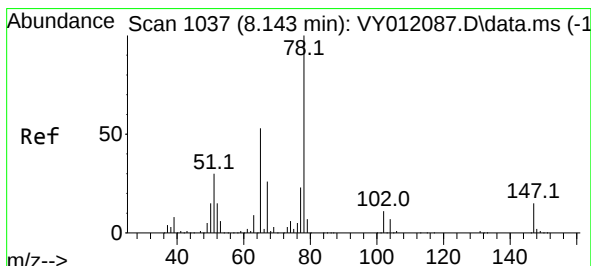
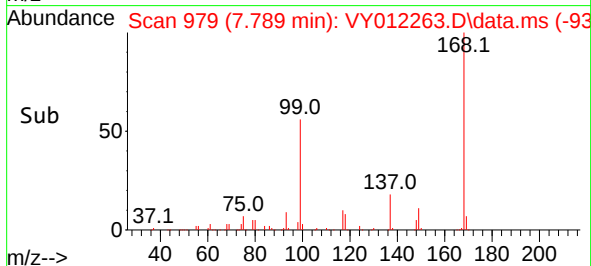
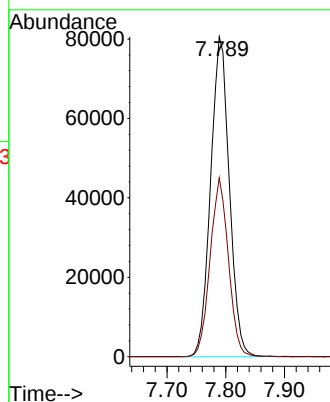
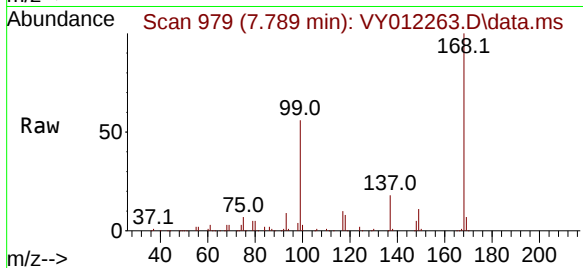




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

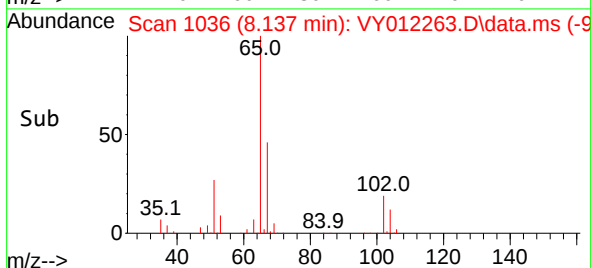
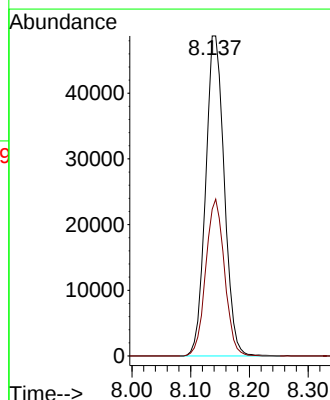
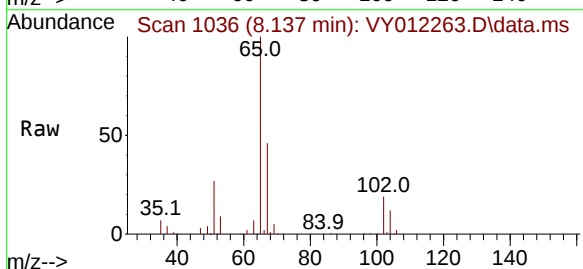
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10-DUP

Tgt Ion:168 Resp: 178126
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 74.719 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

Tgt Ion: 65 Resp: 107450
Ion Ratio Lower Upper
65 100
67 49.2 0.0 103.2

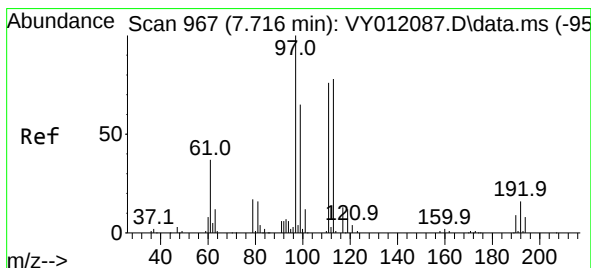
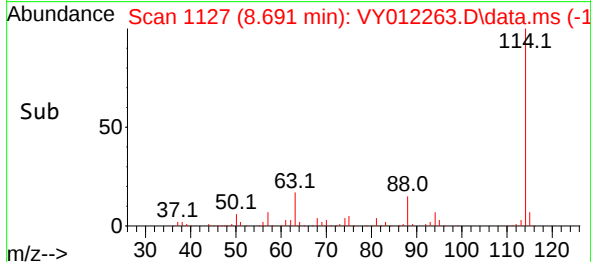
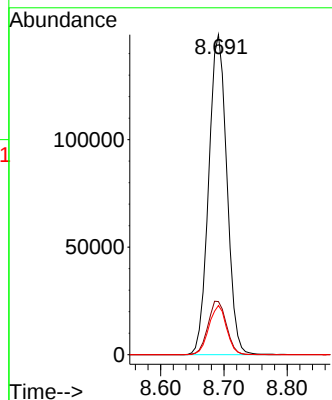
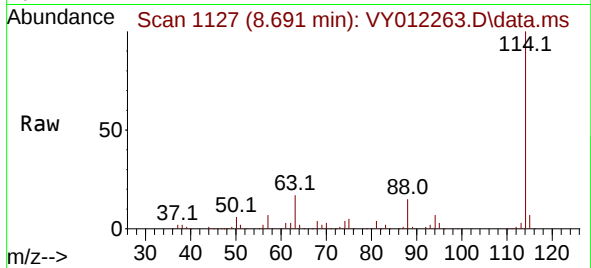




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

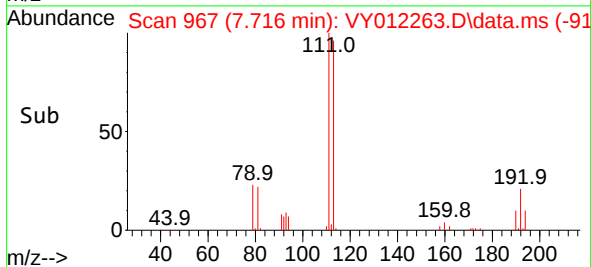
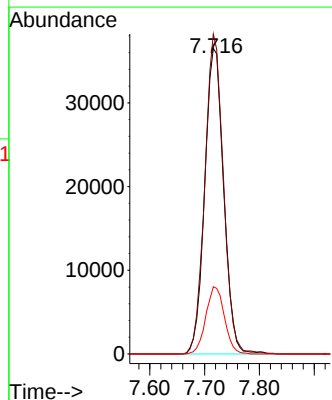
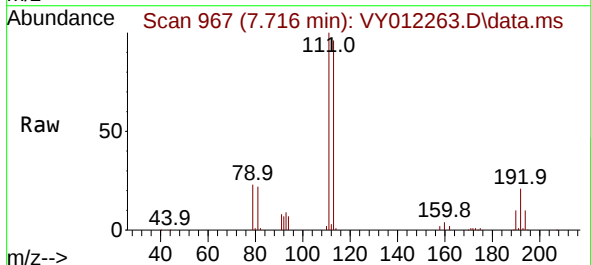
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10-DUP

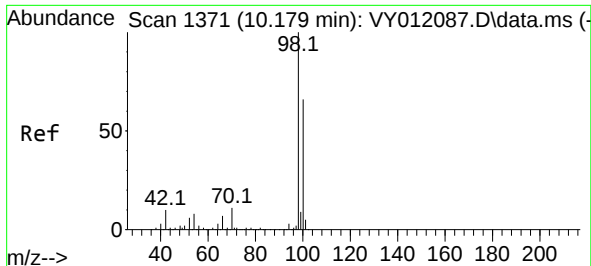
Tgt Ion:114 Resp: 296612
Ion Ratio Lower Upper
114 100
63 16.6 0.0 39.6
88 15.4 0.0 32.2



#35
Dibromofluoromethane
Concen: 55.762 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

Tgt Ion:113 Resp: 87578
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.4
192 21.6 16.0 24.0

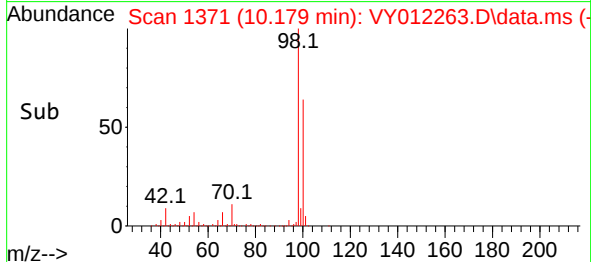
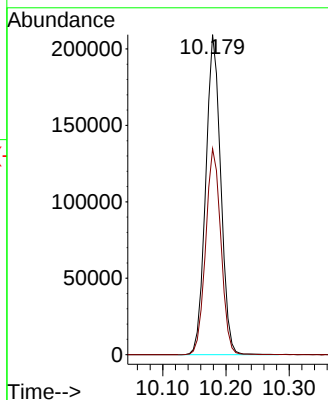
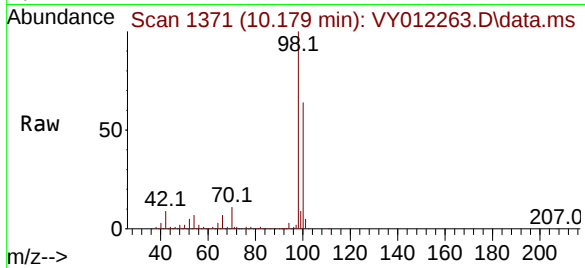




#50
Toluene-d8
Concen: 64.874 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

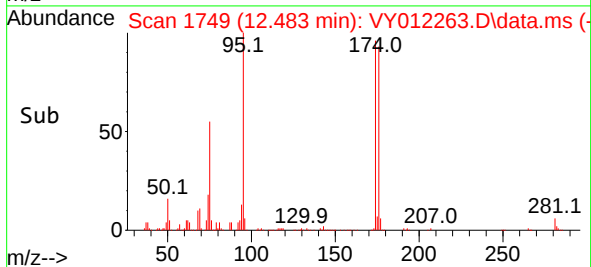
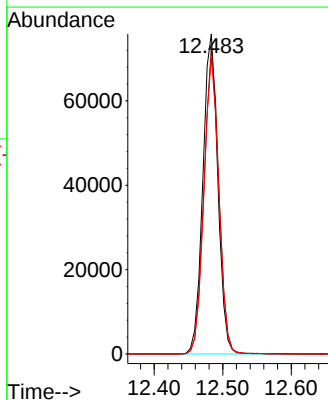
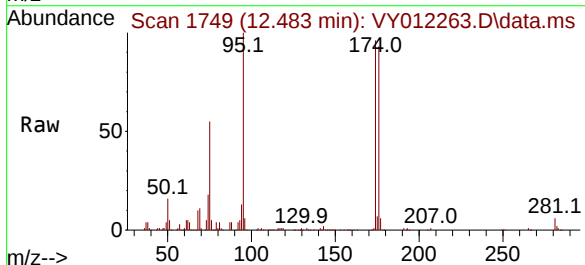
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10-DUP

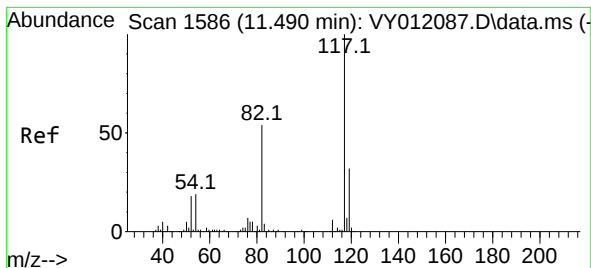
Tgt Ion: 98 Resp: 346011
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.139 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012263.D
Acq: 19 Jan 2023 14:13

Tgt Ion: 95 Resp: 115436
Ion Ratio Lower Upper
95 100
174 95.1 0.0 172.0
176 92.0 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: VY012263.D

Acq: 19 Jan 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

TJRC-011723-B3-0-10-DUP

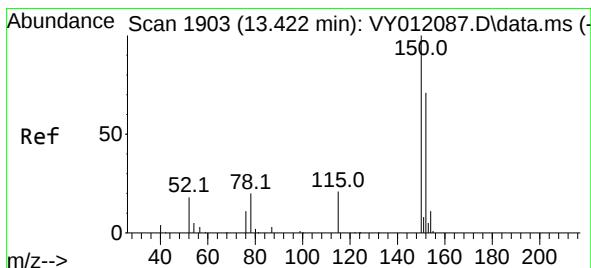
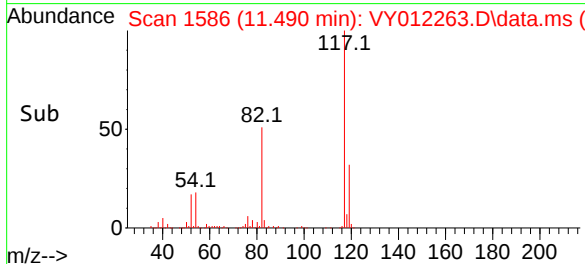
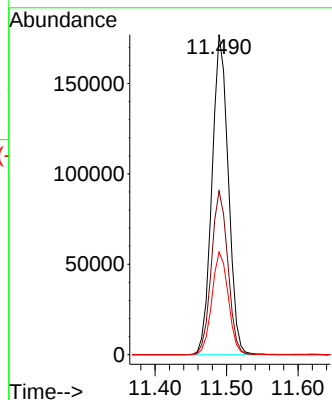
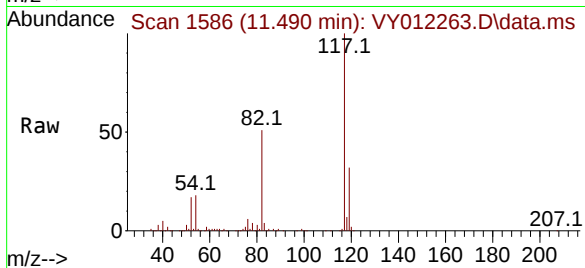
Tgt Ion:117 Resp: 280899

Ion Ratio Lower Upper

117 100

82 51.2 44.8 67.2

119 32.1 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: VY012263.D

Acq: 19 Jan 2023 14:13

Tgt Ion:152 Resp: 131004

Ion Ratio Lower Upper

152 100

115 57.1 29.1 87.3

150 158.0 0.0 342.6

