

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012976.D
 Acq On : 16 Mar 2023 17:29
 Operator : KP/MD
 Sample : 01964-01
 Misc : 3.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UNION-2

Quant Time: Mar 17 01:38:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	78118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	130197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	118584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53735	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50968	65.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.420%
35) Dibromofluoromethane	7.716	113	44920	57.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.340%
50) Toluene-d8	10.179	98	156380	54.440	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.880%
62) 4-Bromofluorobenzene	12.483	95	47790	49.291	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.580%

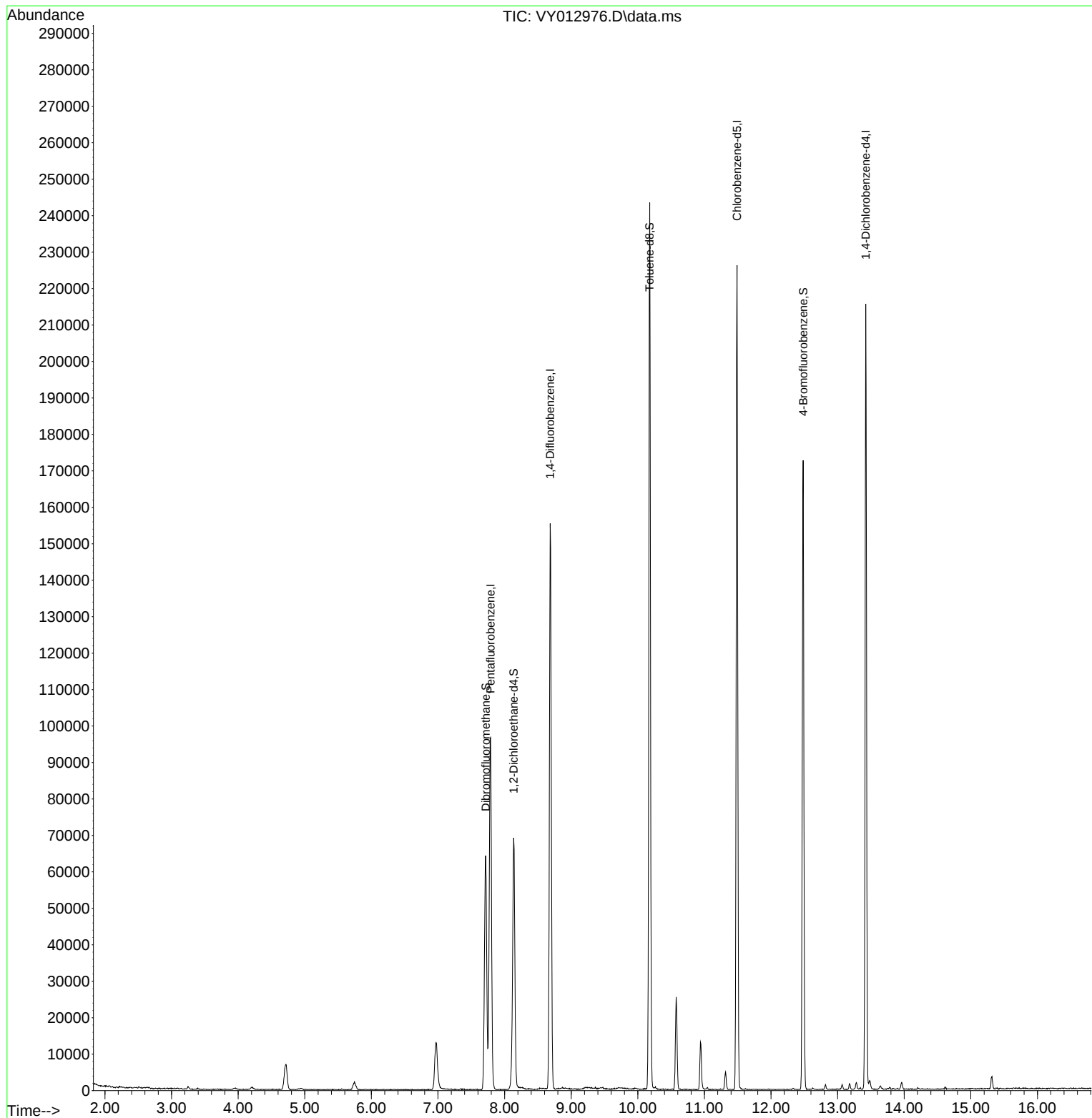
Target Compounds	Qvalue

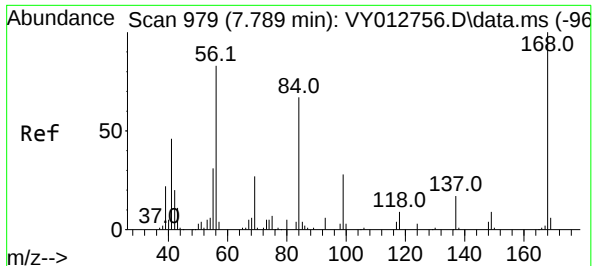
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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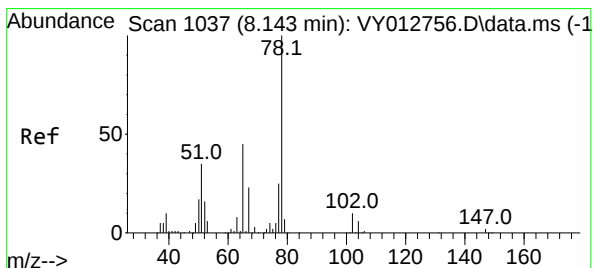
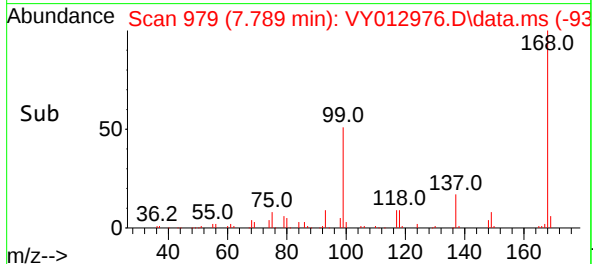
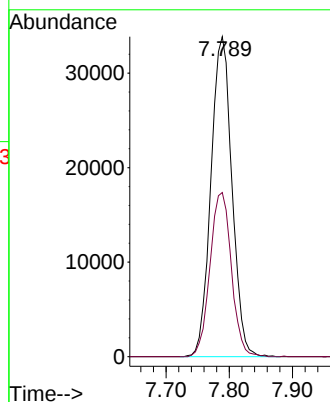
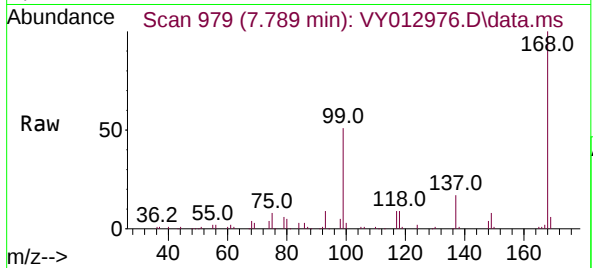




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012976.D
Acq: 16 Mar 2023 17:29

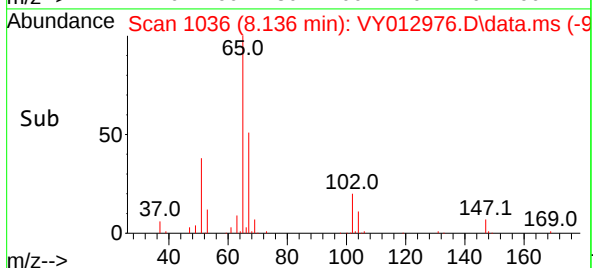
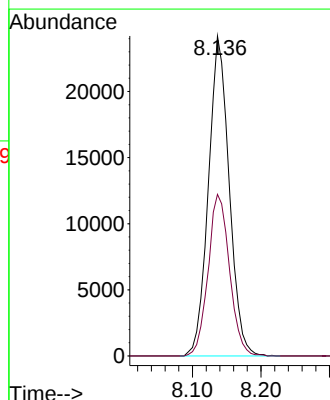
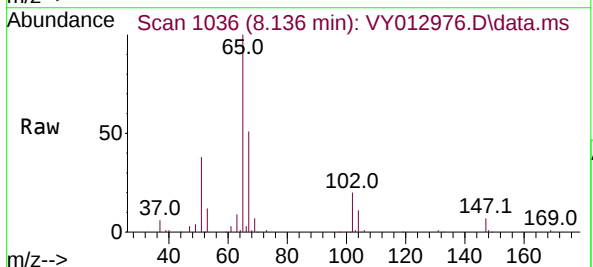
Instrument :
MSVOA_Y
ClientSampleId :
UNION-2

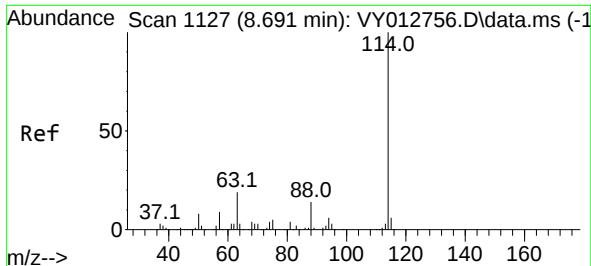
Tgt Ion:168 Resp: 78118
Ion Ratio Lower Upper
168 100
99 51.3 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 65.713 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012976.D
Acq: 16 Mar 2023 17:29

Tgt Ion: 65 Resp: 50968
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

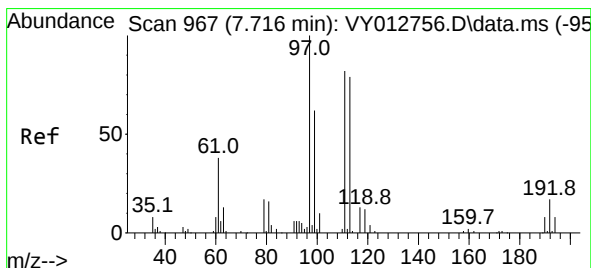
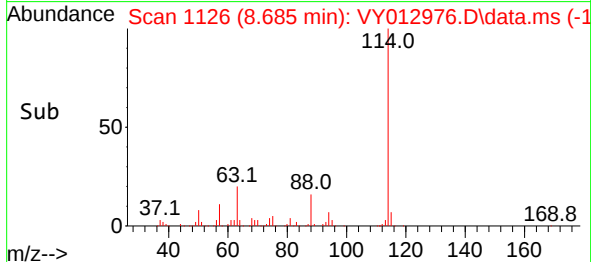
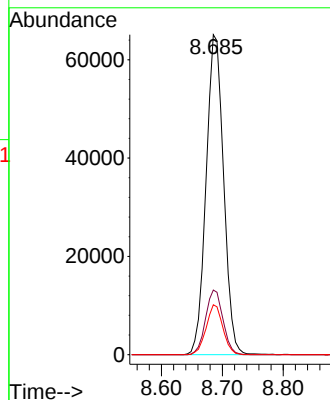
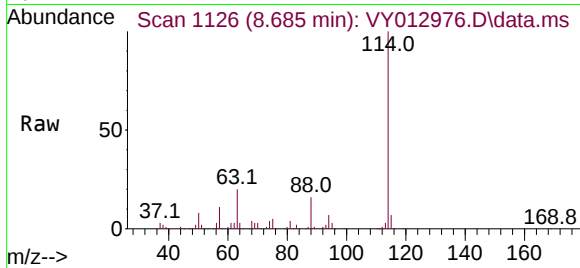




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY012976.D
Acq: 16 Mar 2023 17:29

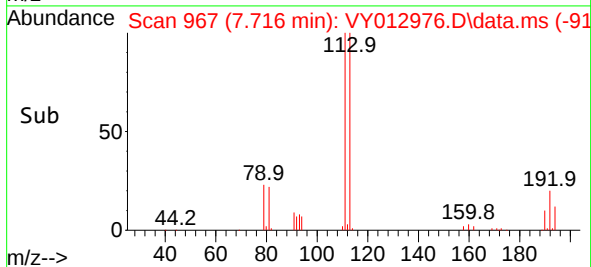
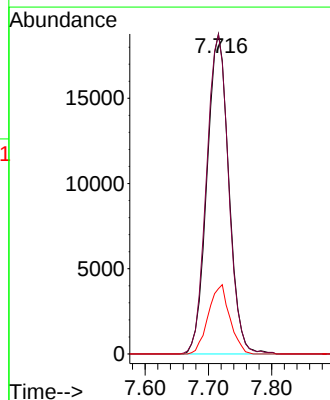
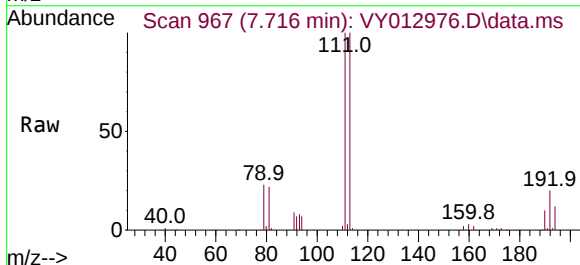
Instrument :
MSVOA_Y
ClientSampleId :
UNION-2

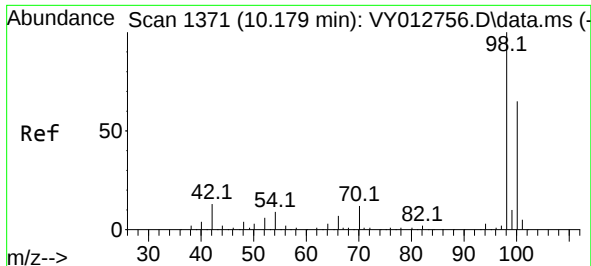
Tgt Ion:114 Resp: 130197
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.4
88 15.6 0.0 28.6



#35
Dibromofluoromethane
Concen: 57.169 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012976.D
Acq: 16 Mar 2023 17:29

Tgt Ion:113 Resp: 44920
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 21.3 16.8 25.2

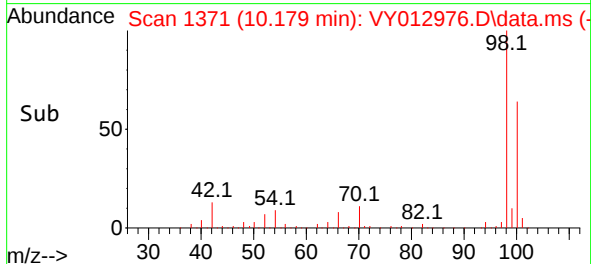
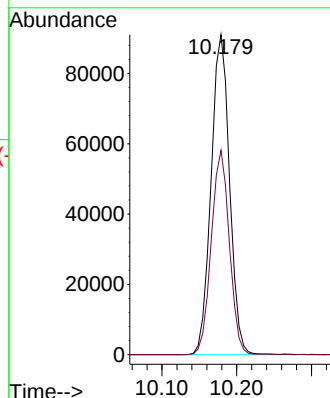
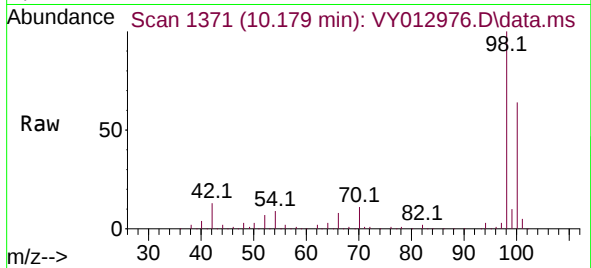




#50
Toluene-d8
Concen: 54.440 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012976.D
Acq: 16 Mar 2023 17:29

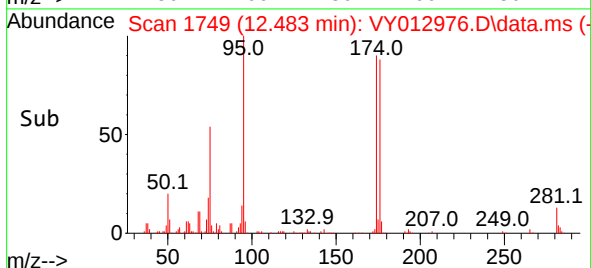
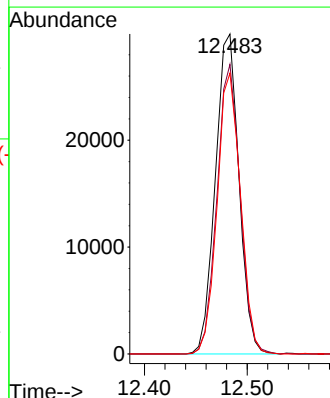
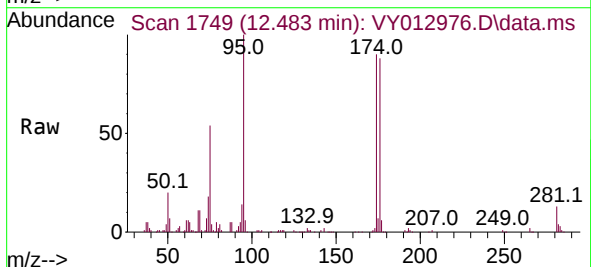
Instrument :
MSVOA_Y
ClientSampleId :
UNION-2

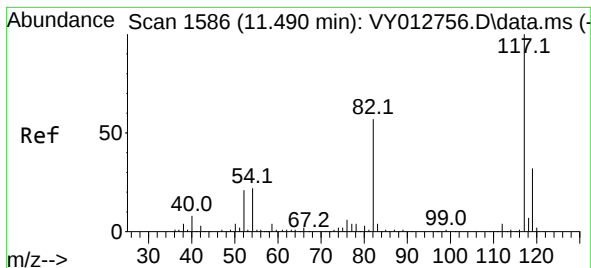
Tgt Ion: 98 Resp: 156380
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.291 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012976.D
Acq: 16 Mar 2023 17:29

Tgt Ion: 95 Resp: 47790
Ion Ratio Lower Upper
95 100
174 88.6 0.0 176.6
176 86.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012976.D

Acq: 16 Mar 2023 17:29

Instrument :

MSVOA_Y

ClientSampleId :

UNION-2

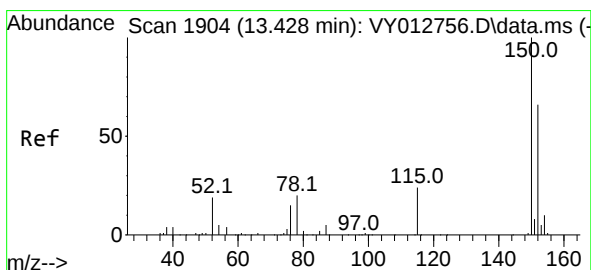
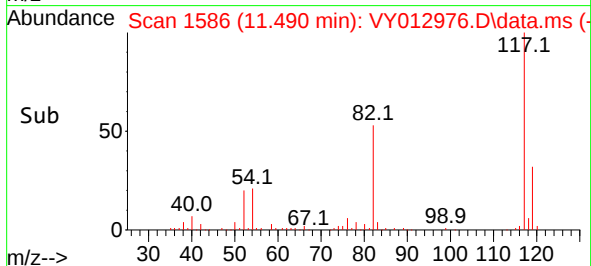
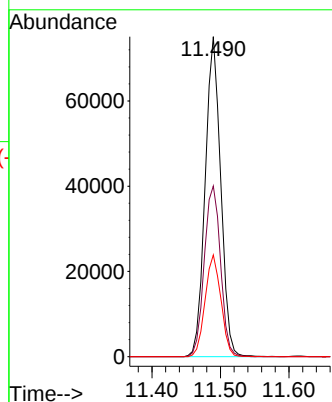
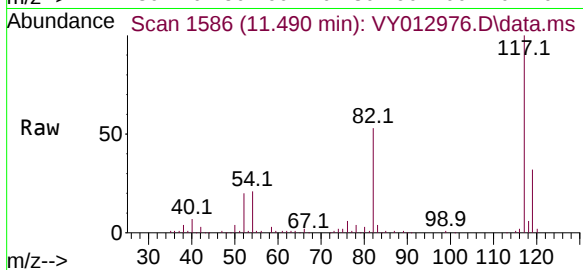
Tgt Ion:117 Resp: 118584

Ion Ratio Lower Upper

117 100

82 53.3 45.4 68.0

119 31.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012976.D

Acq: 16 Mar 2023 17:29

Tgt Ion:152 Resp: 53735

Ion Ratio Lower Upper

152 100

115 56.0 27.1 81.3

150 156.8 0.0 347.8

