

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012795.D
 Acq On : 03 Mar 2023 14:56
 Operator : KP/MD
 Sample : 01749-01
 Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-3

Quant Time: Mar 04 01:23:55 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	106197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	171880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	139357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54409	51.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.200%
35) Dibromofluoromethane	7.716	113	60630	58.450	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.900%
50) Toluene-d8	10.179	98	216156	57.001	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.000%
62) 4-Bromofluorobenzene	12.483	95	56685	44.287	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.580%

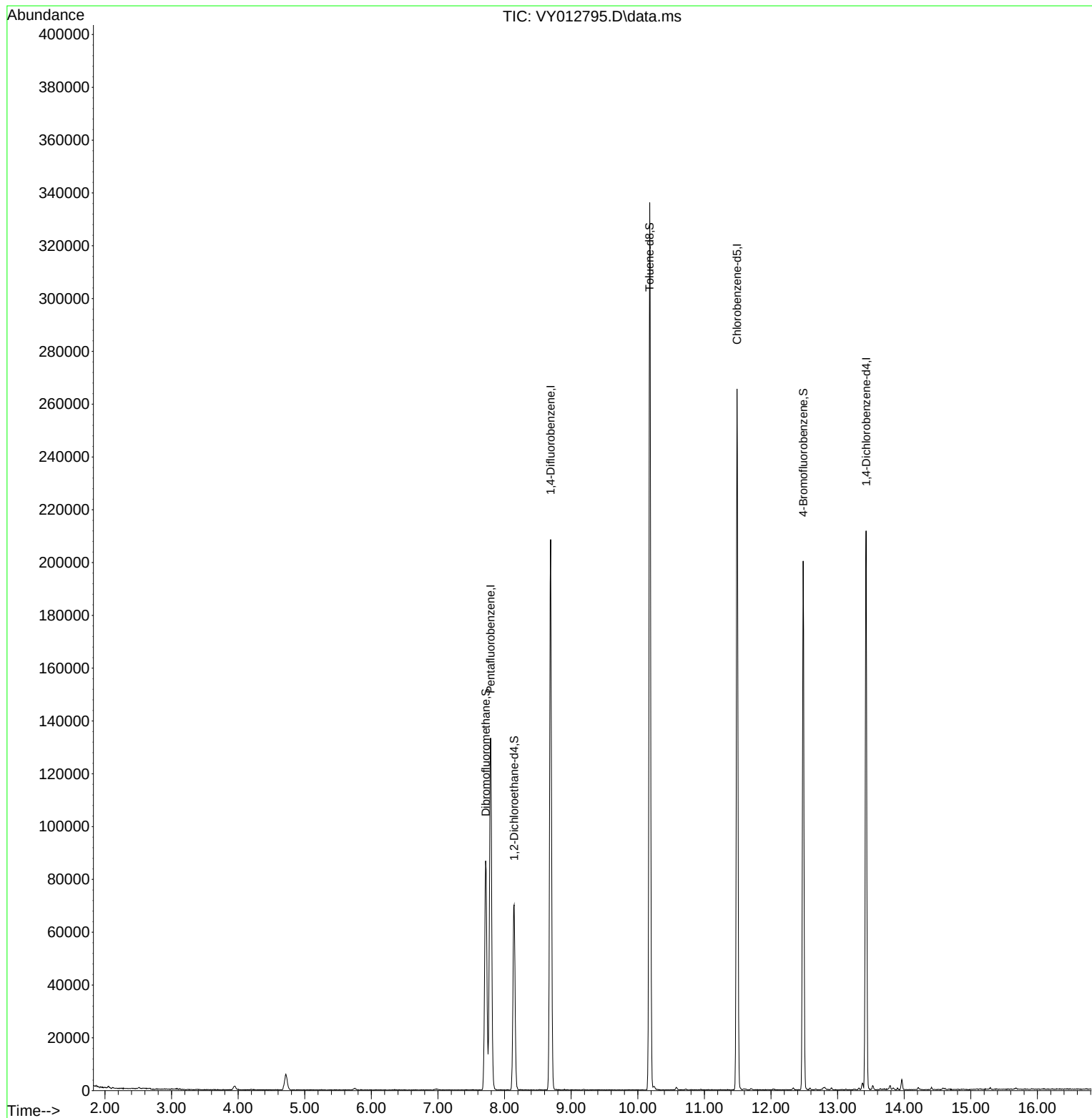
Target Compounds	Qvalue

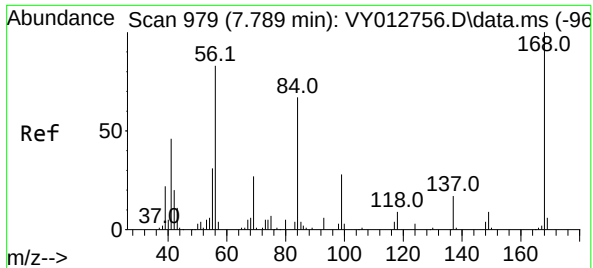
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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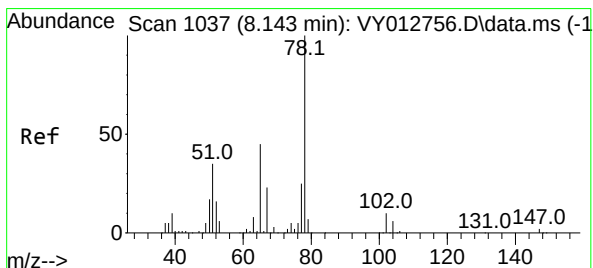
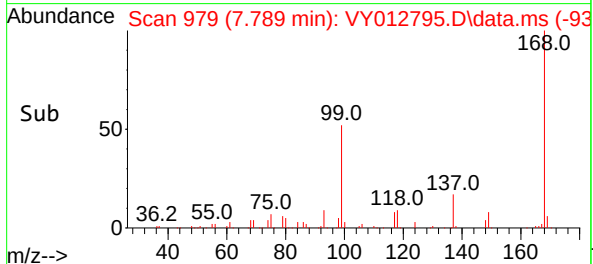
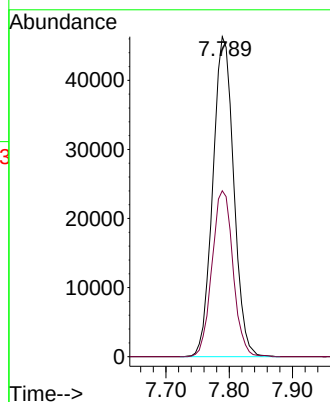
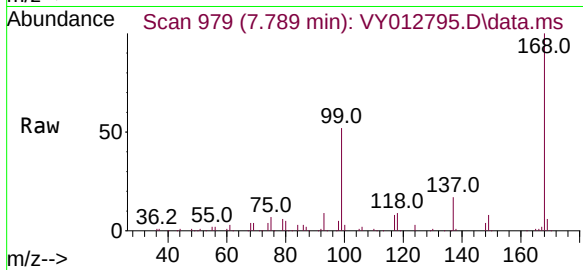




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012795.D
Acq: 03 Mar 2023 14:56

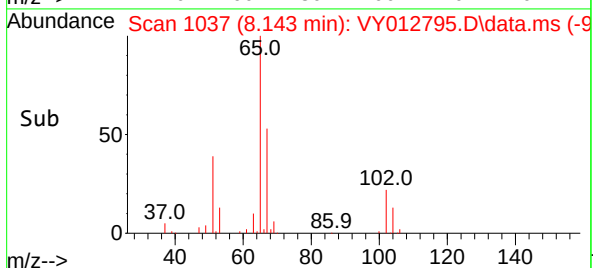
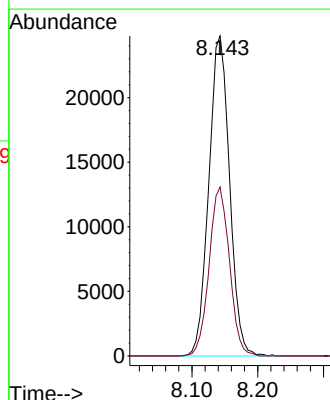
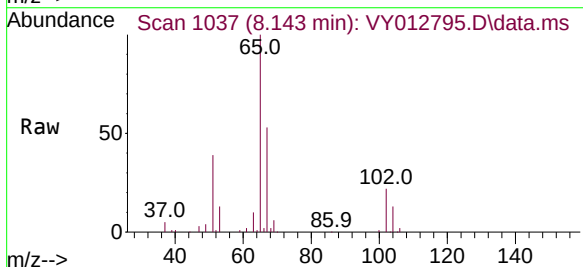
Instrument :
MSVOA_Y
ClientSampleId :
CF-3

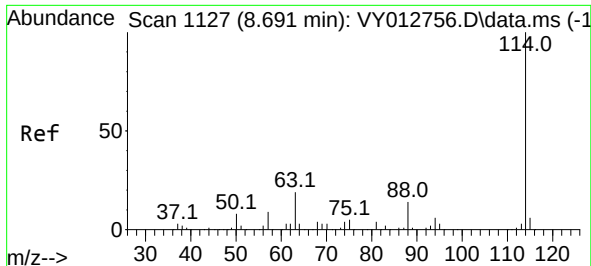
Tgt Ion:168 Resp: 106197
Ion Ratio Lower Upper
168 100
99 51.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 51.602 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012795.D
Acq: 03 Mar 2023 14:56

Tgt Ion: 65 Resp: 54409
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0

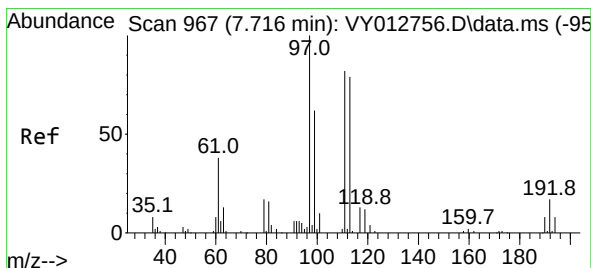
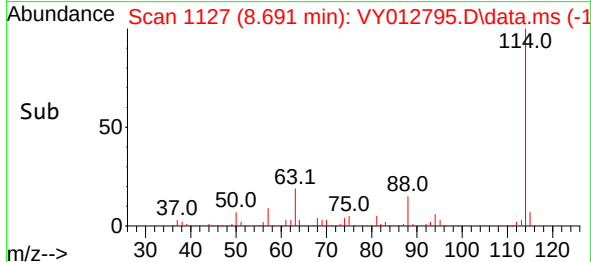
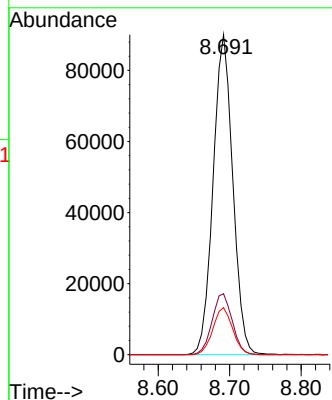
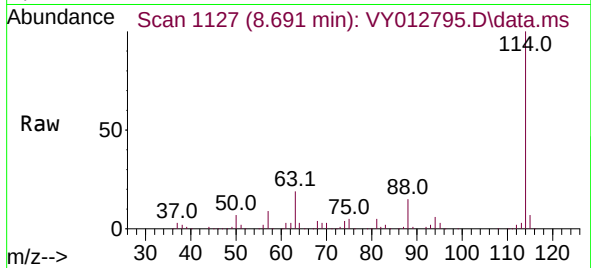




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012795.D
Acq: 03 Mar 2023 14:56

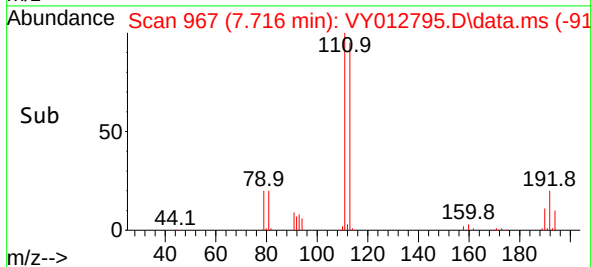
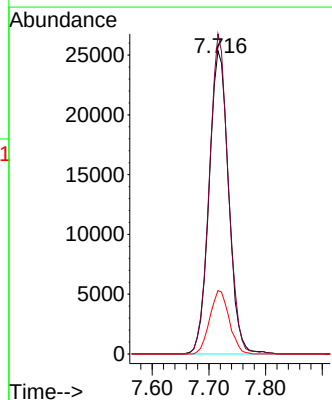
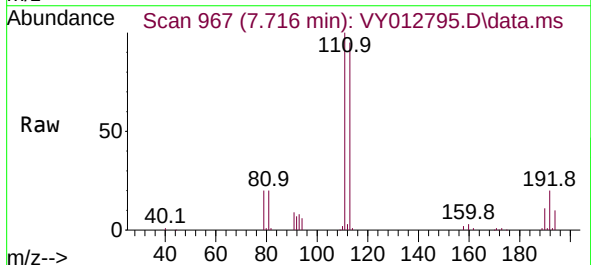
Instrument :
MSVOA_Y
ClientSampleId :
CF-3

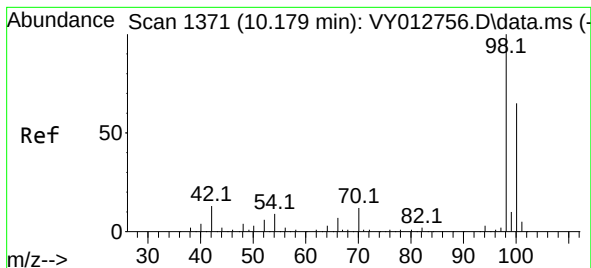
Tgt Ion:114 Resp: 171880
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.4
88 14.7 0.0 28.6



#35
Dibromofluoromethane
Concen: 58.450 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012795.D
Acq: 03 Mar 2023 14:56

Tgt Ion:113 Resp: 60630
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.7 16.8 25.2





#50

Toluene-d8

Concen: 57.001 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012795.D

Acq: 03 Mar 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

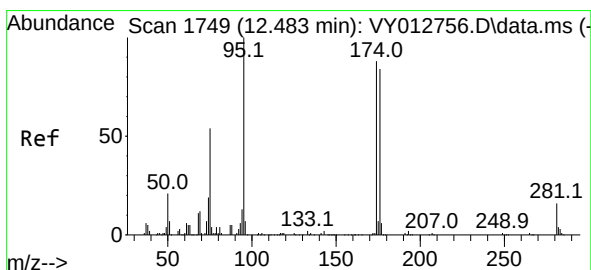
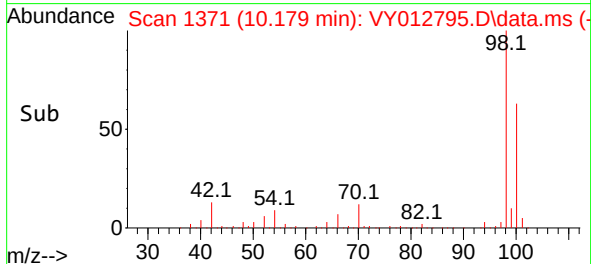
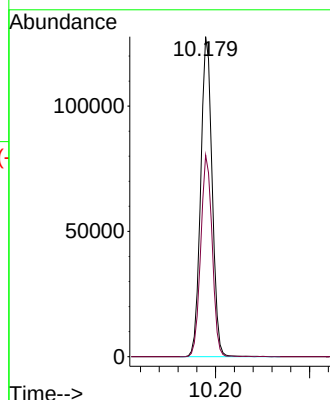
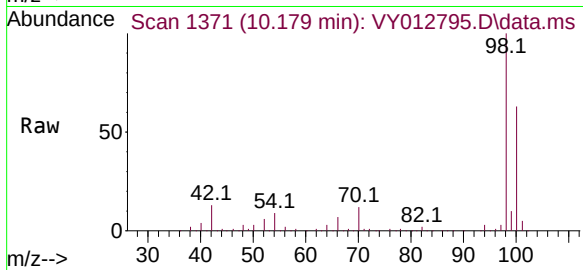
CF-3

Tgt Ion: 98 Resp: 216156

Ion Ratio Lower Upper

98 100

100 62.9 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 44.287 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012795.D

Acq: 03 Mar 2023 14:56

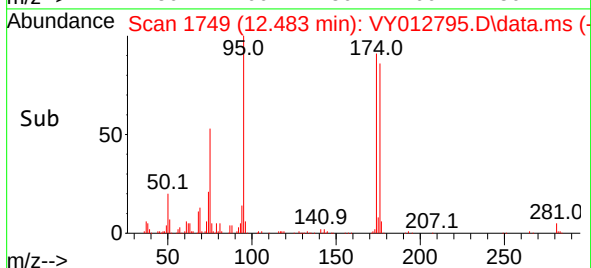
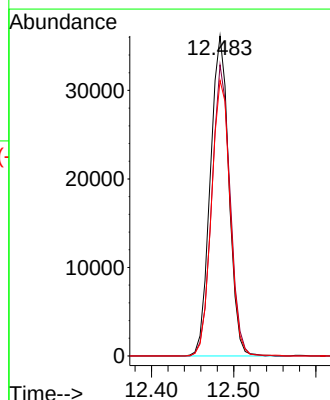
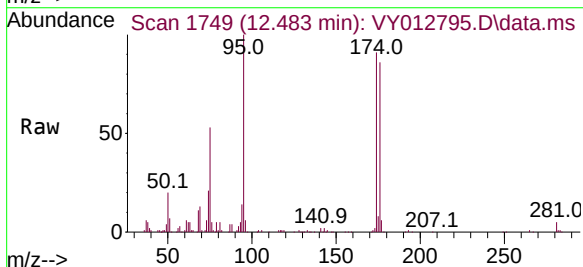
Tgt Ion: 95 Resp: 56685

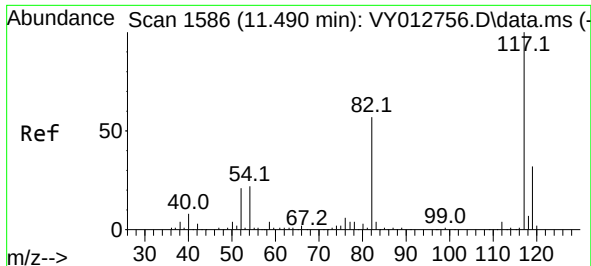
Ion Ratio Lower Upper

95 100

174 89.6 0.0 176.6

176 86.7 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: VY012795.D

Acq: 03 Mar 2023 14:56

Instrument :

MSVOA_Y

ClientSampleId :

CF-3

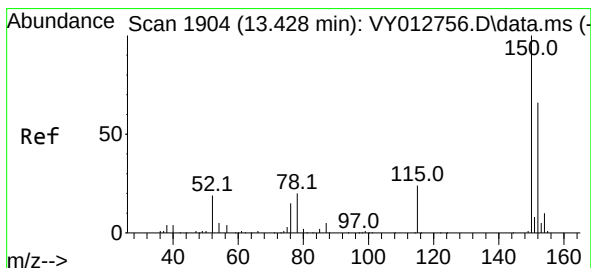
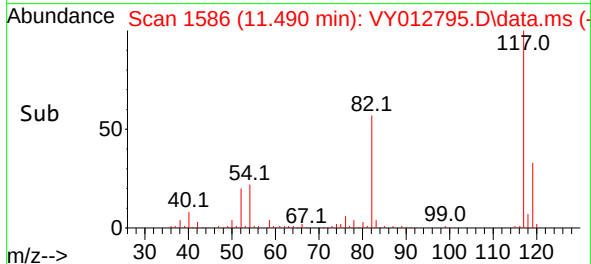
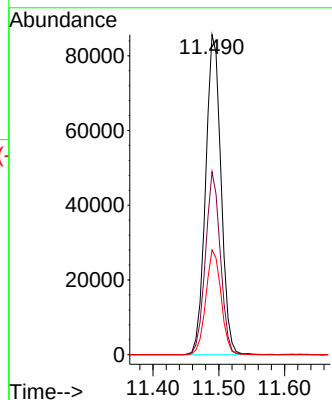
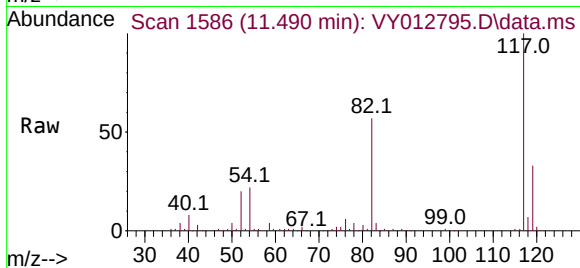
Tgt Ion:117 Resp: 139357

Ion Ratio Lower Upper

117 100

82 57.1 45.4 68.0

119 32.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012795.D

Acq: 03 Mar 2023 14:56

Tgt Ion:152 Resp: 53827

Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 158.6 0.0 347.8

