

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014074.D
 Acq On : 08 Jun 2023 15:31
 Operator : KP/MD
 Sample : VY0608SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0608SBL01

Quant Time: Jun 09 04:20:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	201044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	324647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	298885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143360	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	141360	53.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.240%
35) Dibromofluoromethane	7.722	113	112077	54.323	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.640%
50) Toluene-d8	10.179	98	385011	48.923	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.483	95	133098	49.608	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.220%

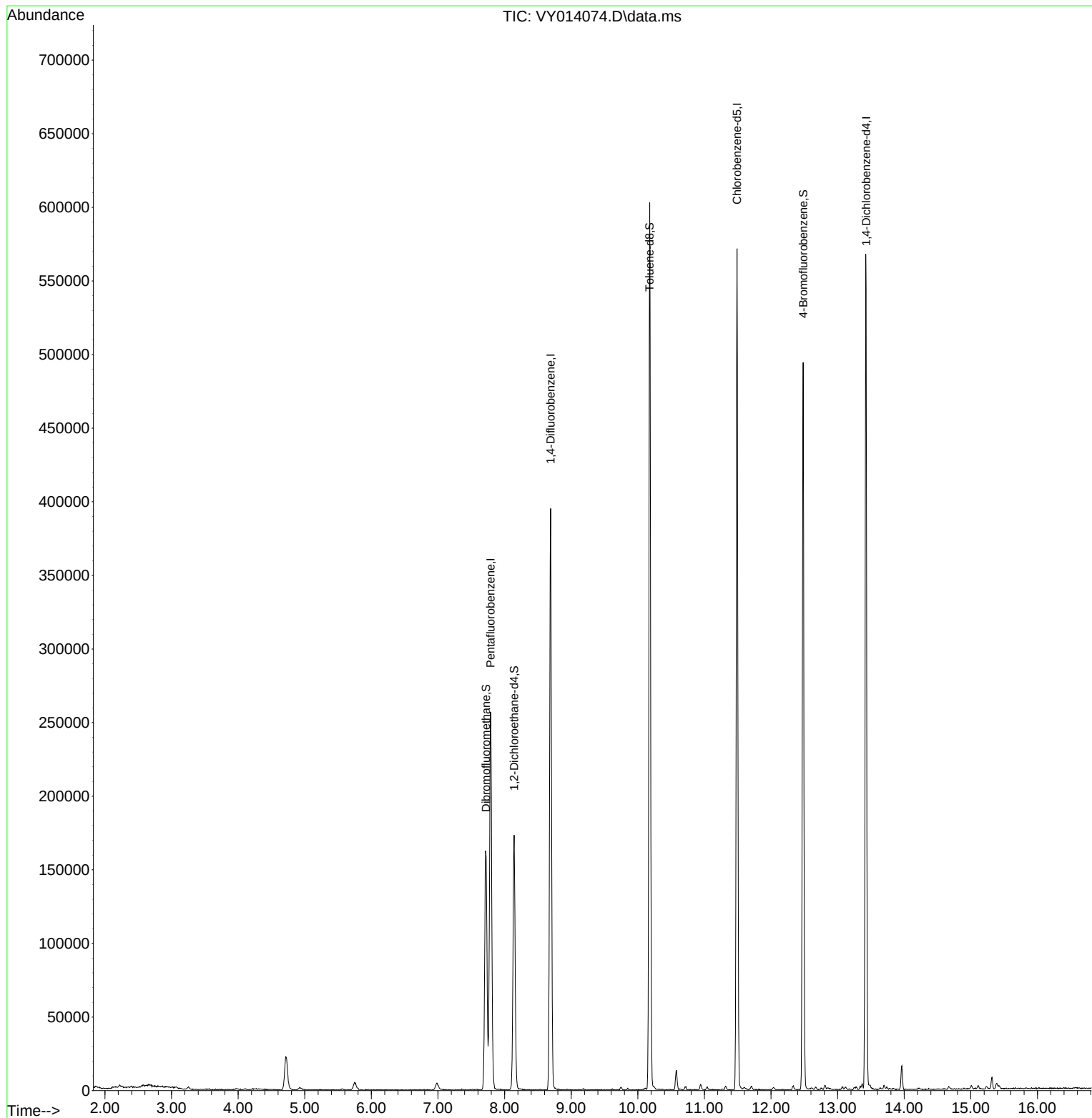
Target Compounds	Qvalue

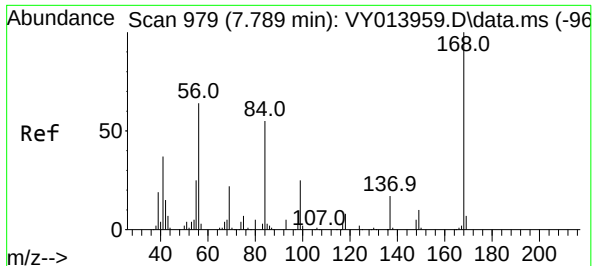
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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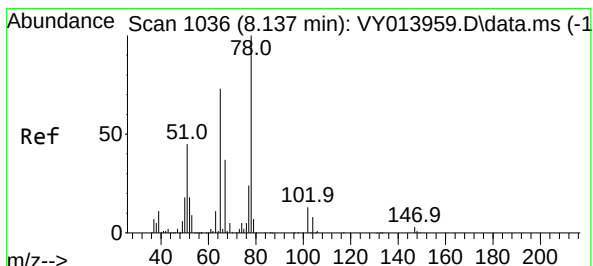
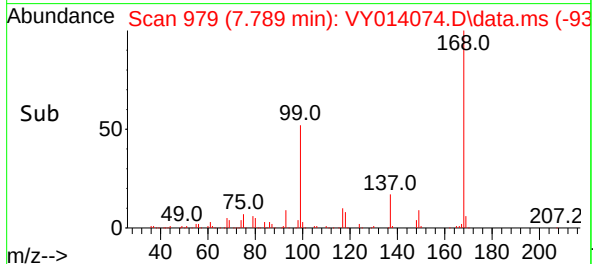
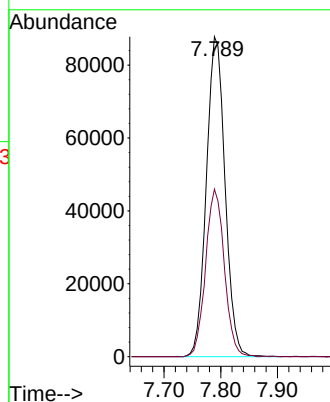
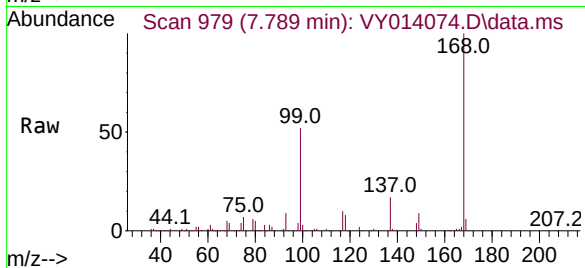




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

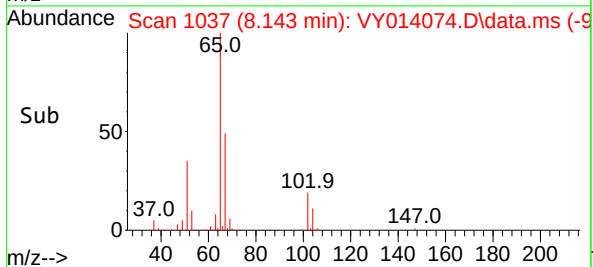
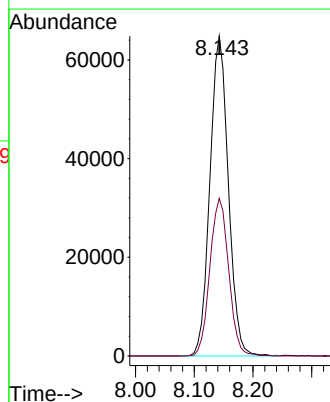
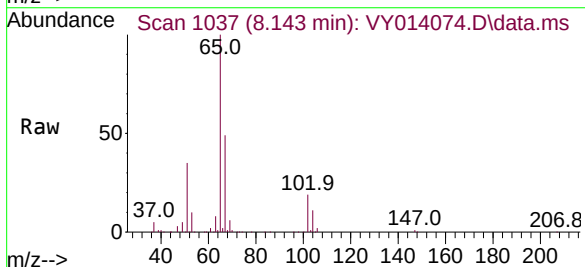
Instrument :
MSVOA_Y
ClientSampleId :
VY0608SBL01

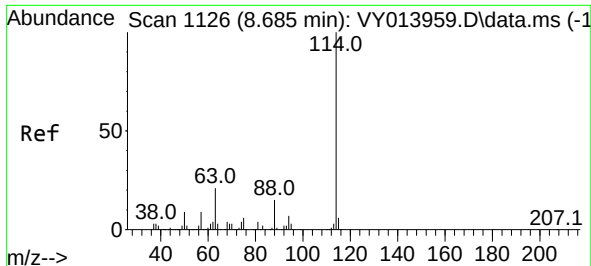
Tgt Ion:168 Resp: 201044
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.116 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

Tgt Ion: 65 Resp: 141360
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY014074.D

Acq: 08 Jun 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0608SBL01

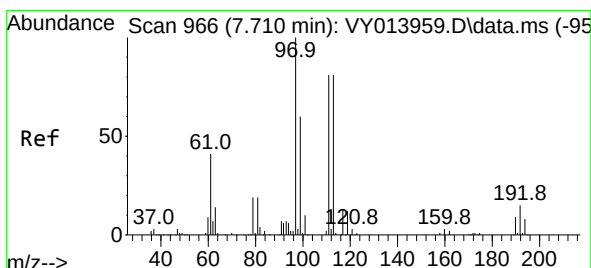
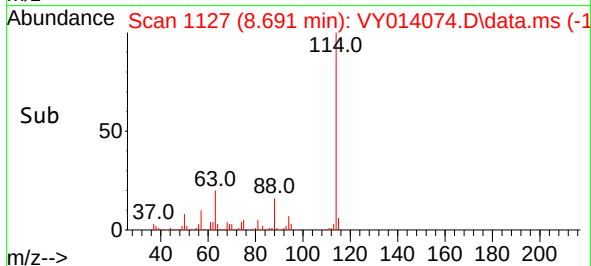
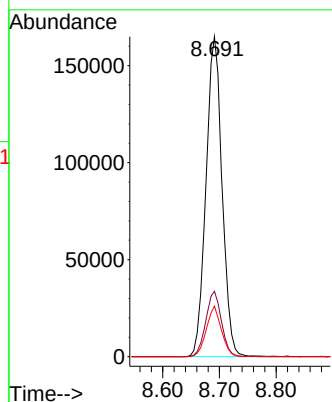
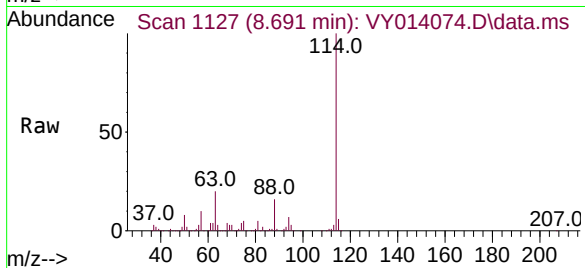
Tgt Ion:114 Resp: 324647

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.323 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.012 min

Lab File: VY014074.D

Acq: 08 Jun 2023 15:31

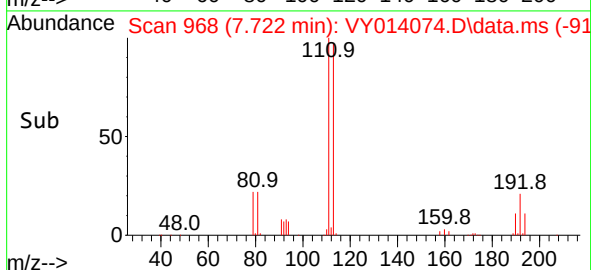
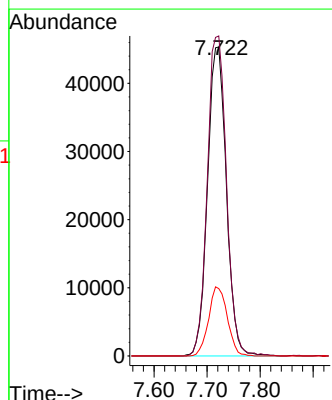
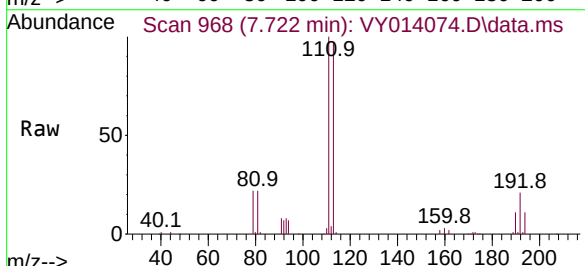
Tgt Ion:113 Resp: 112077

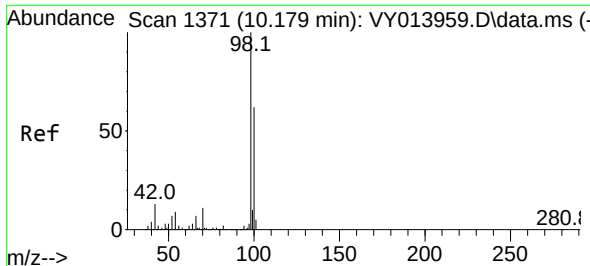
Ion Ratio Lower Upper

113 100

111 105.2 81.3 121.9

192 22.2 16.9 25.3

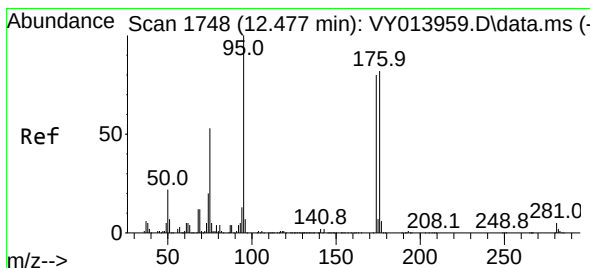
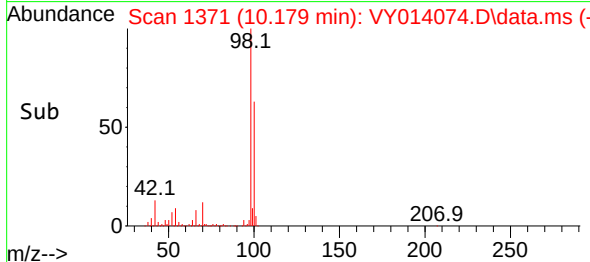
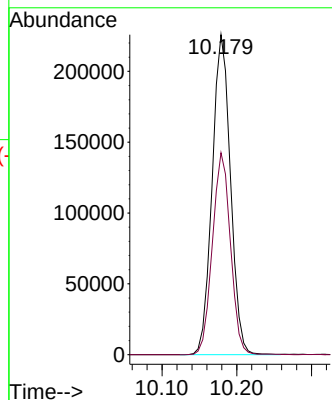
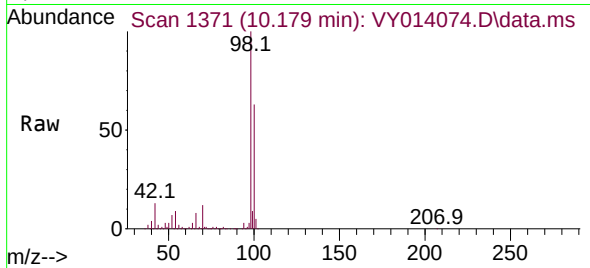




#50
Toluene-d8
Concen: 48.923 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

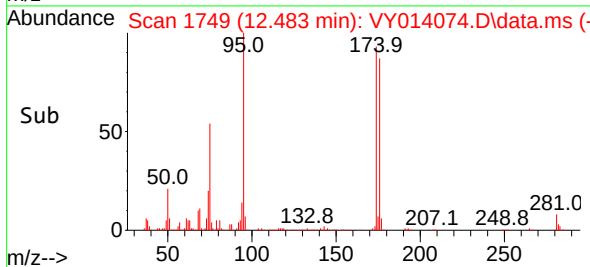
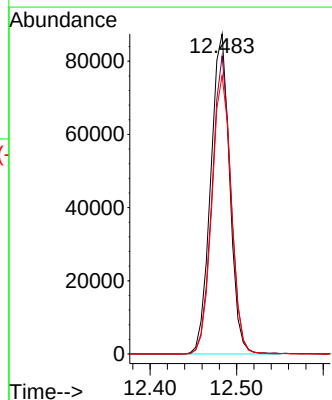
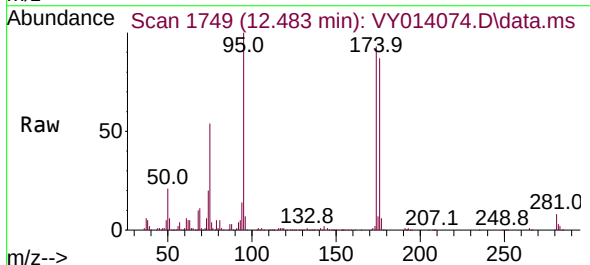
Instrument :
MSVOA_Y
ClientSampleId :
VY0608SBL01

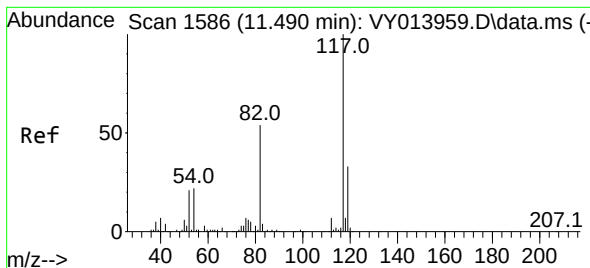
Tgt Ion: 98 Resp: 385011
Ion Ratio Lower Upper
98 100
100 62.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.608 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014074.D
Acq: 08 Jun 2023 15:31

Tgt Ion: 95 Resp: 133098
Ion Ratio Lower Upper
95 100
174 92.9 0.0 178.2
176 88.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014074.D

Acq: 08 Jun 2023 15:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0608SBL01

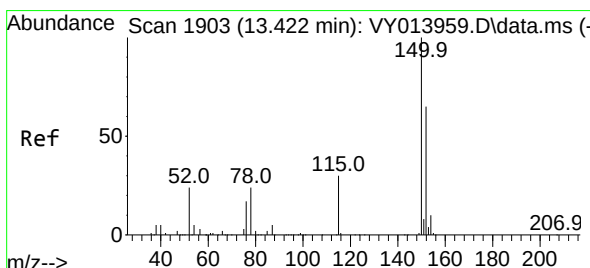
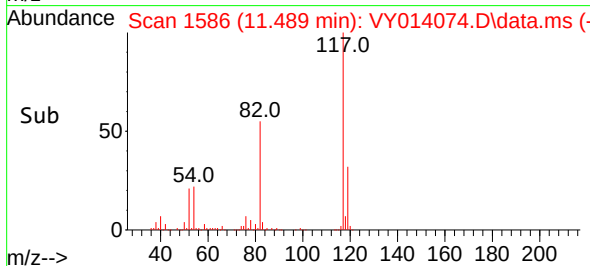
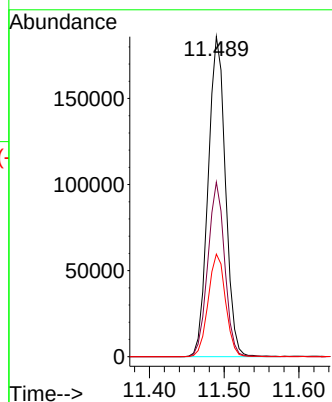
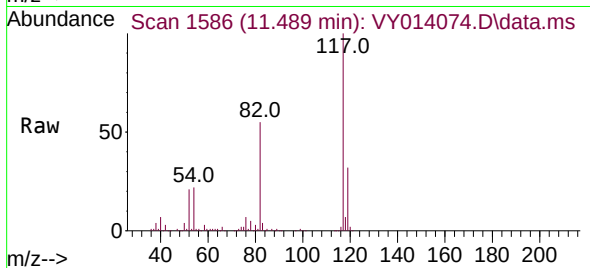
Tgt Ion:117 Resp: 298885

Ion Ratio Lower Upper

117 100

82 54.6 43.4 65.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014074.D

Acq: 08 Jun 2023 15:31

Tgt Ion:152 Resp: 143360

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 157.6 0.0 348.8

