

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014055.D
 Acq On : 07 Jun 2023 13:21
 Operator : KP/MD
 Sample : 03069-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB34A

Quant Time: Jun 08 02:32:44 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	7.795	168	155450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	271130	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	284152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132984	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	107432	52.207	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.420%
35) Dibromofluoromethane	7.722	113	93837	54.459	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.920%
50) Toluene-d8	10.185	98	342783	52.154	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.300%
62) 4-Bromofluorobenzene	12.483	95	113899	50.832	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.660%

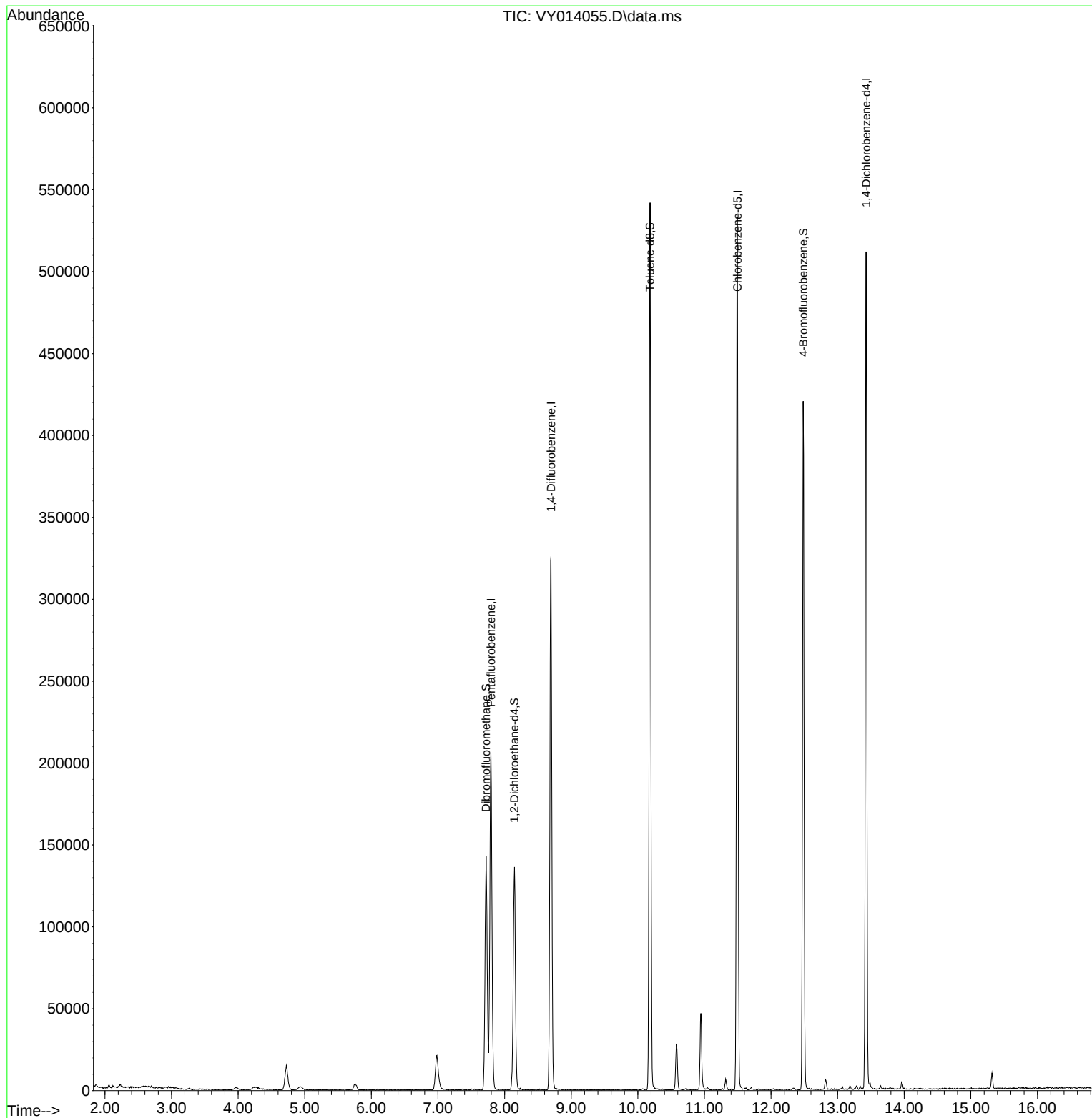
Target Compounds	Qvalue

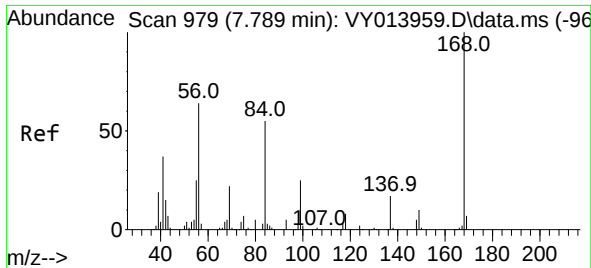
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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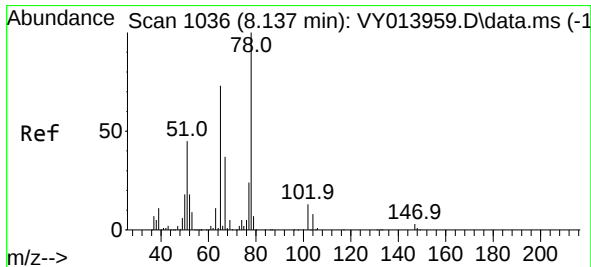
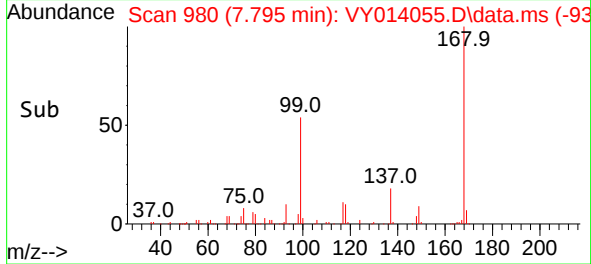
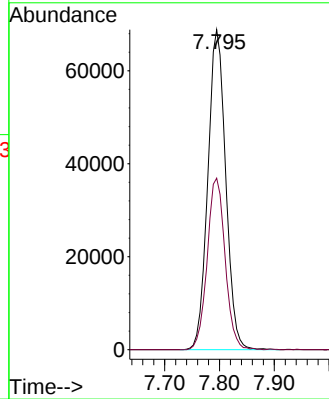
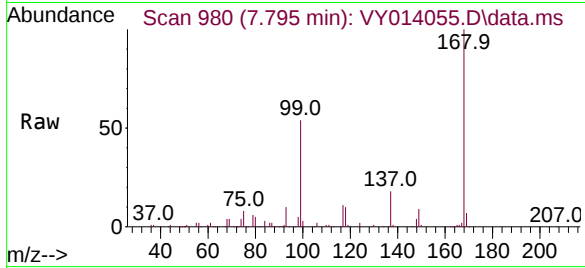




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

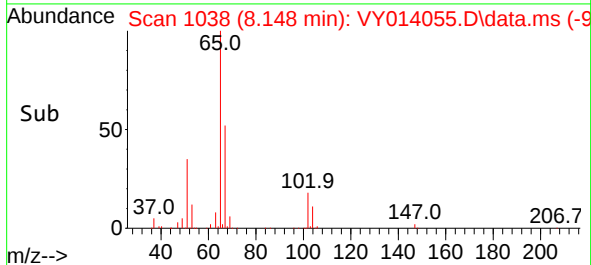
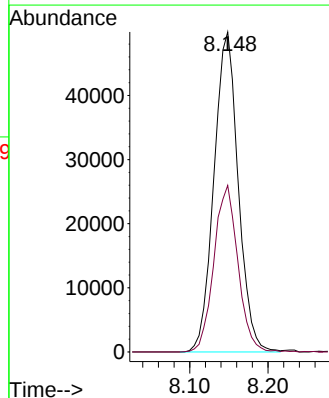
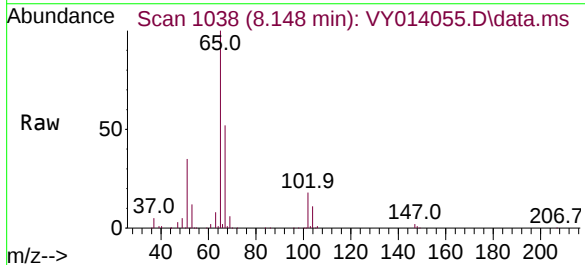
Instrument :
MSVOA_Y
ClientSampleId :
SB34A

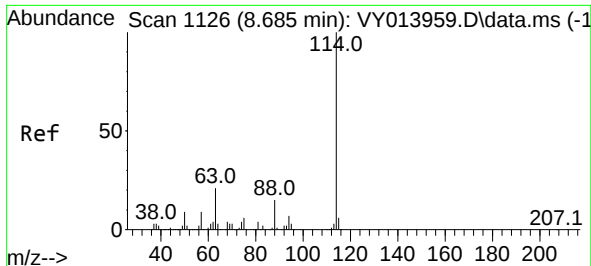
Tgt Ion:168 Resp: 155450
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.207 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

Tgt Ion: 65 Resp: 107432
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8

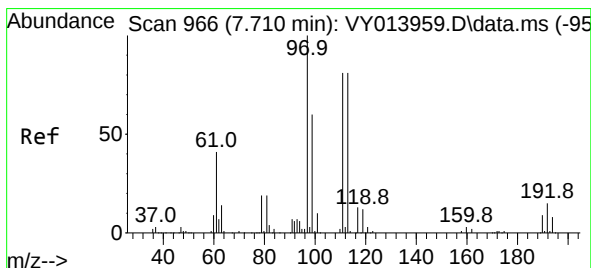
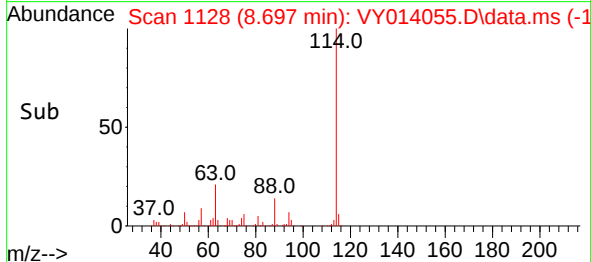
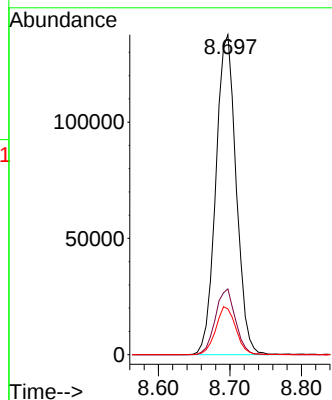
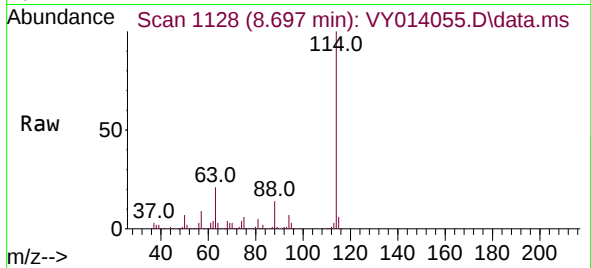




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

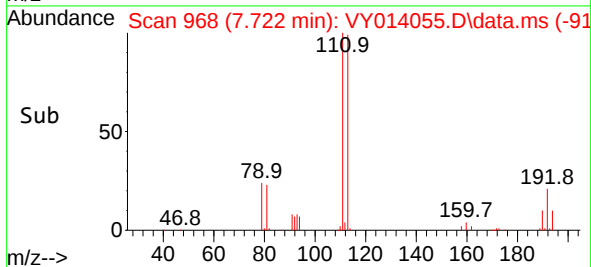
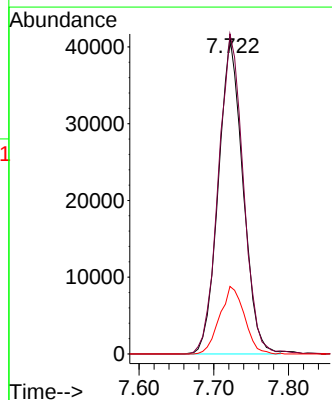
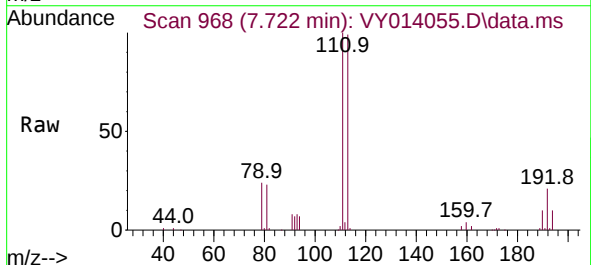
Instrument :
MSVOA_Y
ClientSampleId :
SB34A

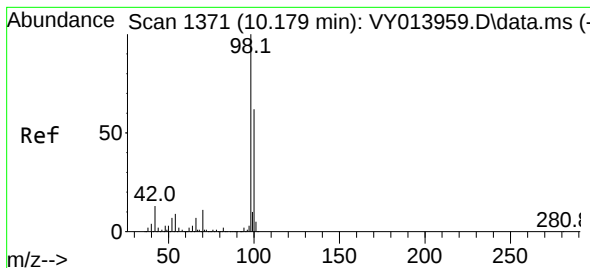
Tgt Ion:114 Resp: 271130
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 14.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.459 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY014055.D
Acq: 07 Jun 2023 13:21

Tgt Ion:113 Resp: 93837
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 21.5 16.9 25.3





#50

Toluene-d8

Concen: 52.154 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014055.D

Acq: 07 Jun 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

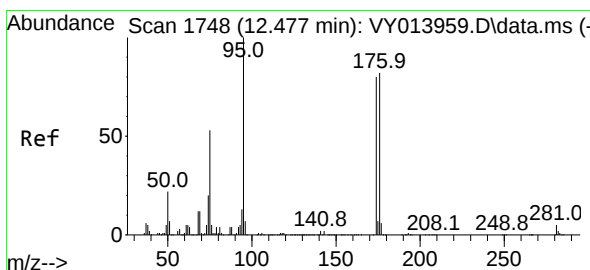
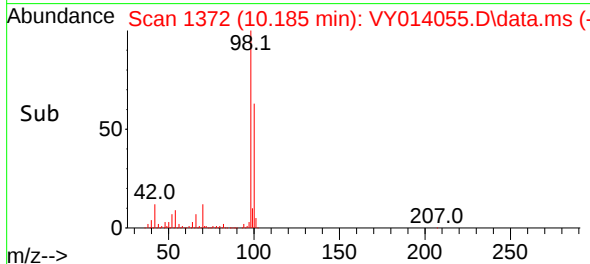
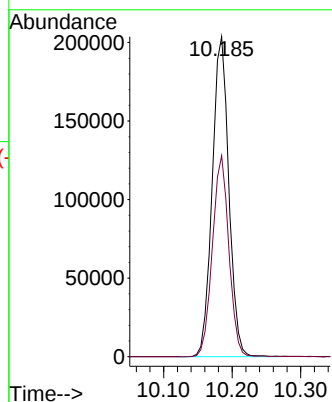
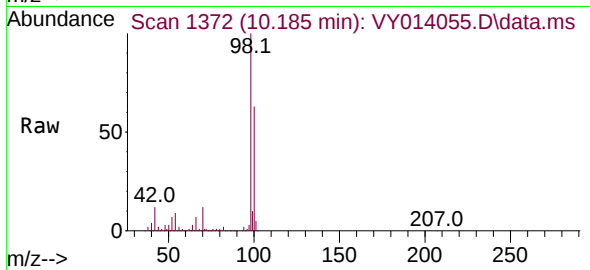
SB34A

Tgt Ion: 98 Resp: 342783

Ion Ratio Lower Upper

98 100

100 62.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.832 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY014055.D

Acq: 07 Jun 2023 13:21

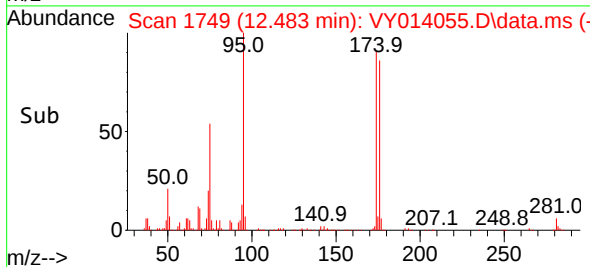
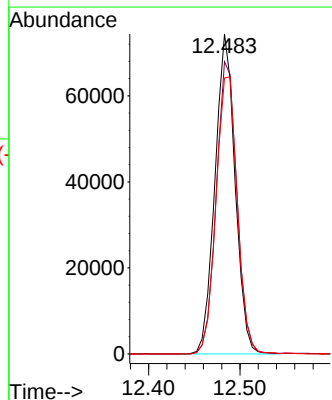
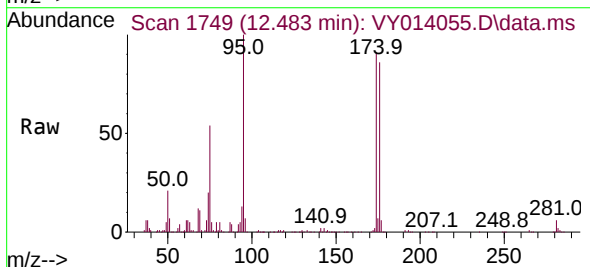
Tgt Ion: 95 Resp: 113899

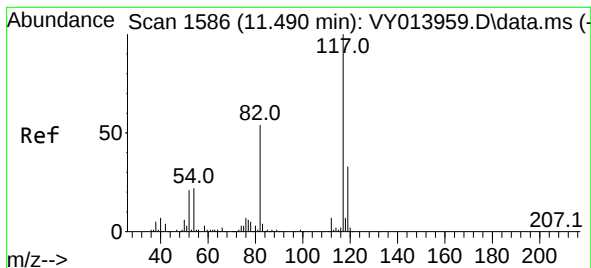
Ion Ratio Lower Upper

95 100

174 93.7 0.0 178.2

176 91.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014055.D

Acq: 07 Jun 2023 13:21

Instrument :

MSVOA_Y

ClientSampleId :

SB34A

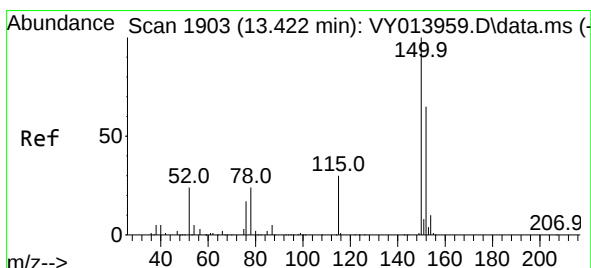
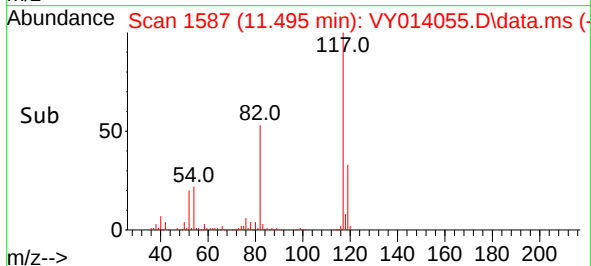
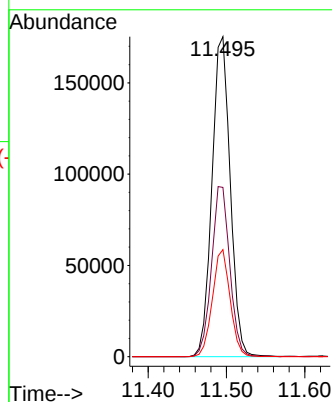
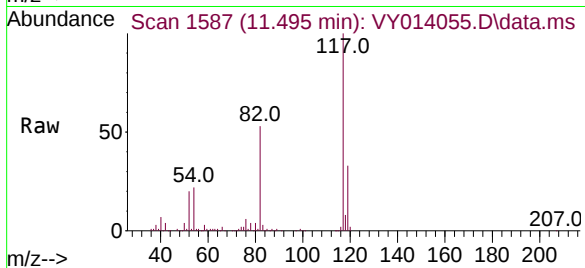
Tgt Ion:117 Resp: 284152

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 33.4 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: VY014055.D

Acq: 07 Jun 2023 13:21

Tgt Ion:152 Resp: 132984

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 154.1 0.0 348.8

