

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015628.D
 Acq On : 18 Sep 2023 20:30
 Operator : SY/MD
 Sample : 04451-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Sep 19 02:07:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	132598	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	225722	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	203610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86107	60.578	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.160%
35) Dibromofluoromethane	7.722	113	72369	55.664	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.320%
50) Toluene-d8	10.185	98	263365	55.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.880%
62) 4-Bromofluorobenzene	12.483	95	87691	50.171	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.340%

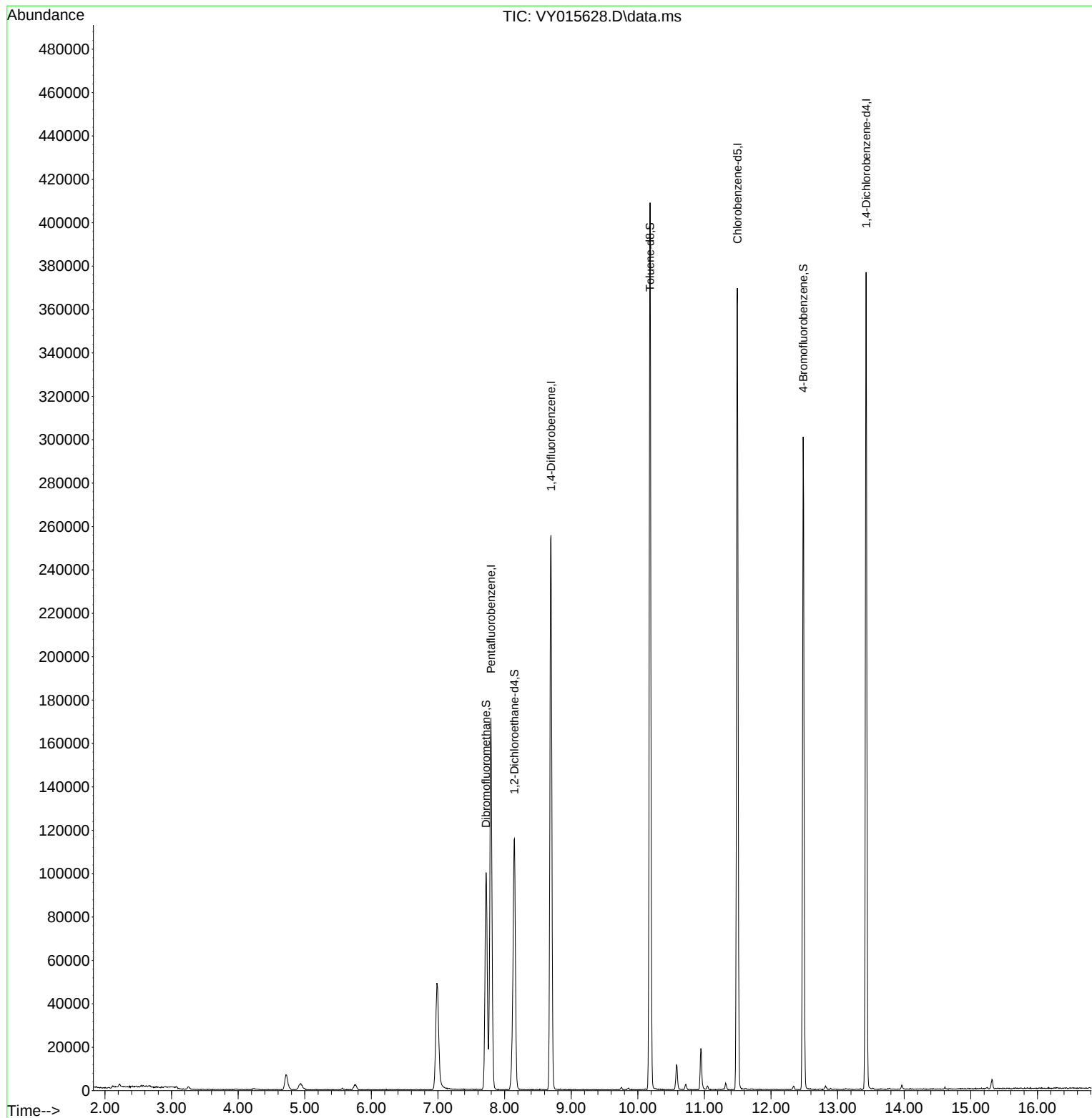
Target Compounds	Qvalue

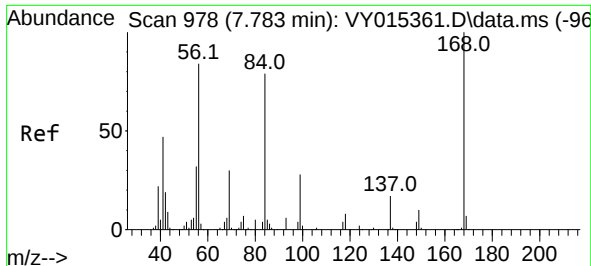
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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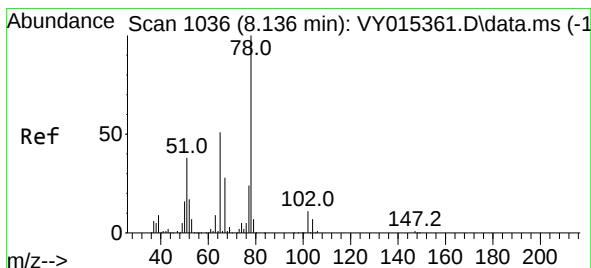
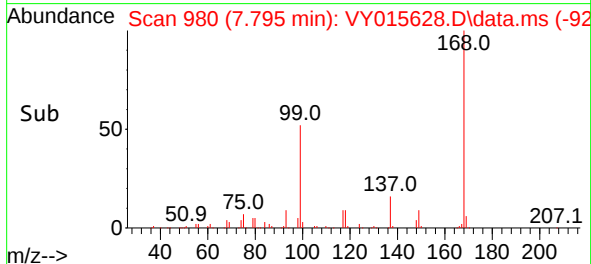
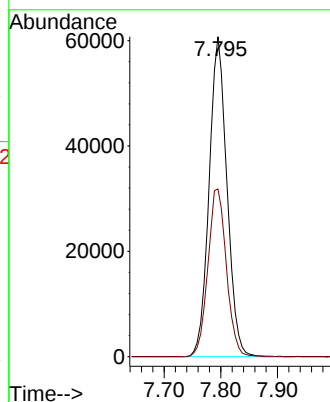
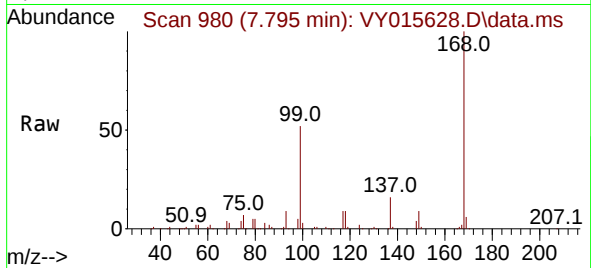




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015628.D
Acq: 18 Sep 2023 20:30

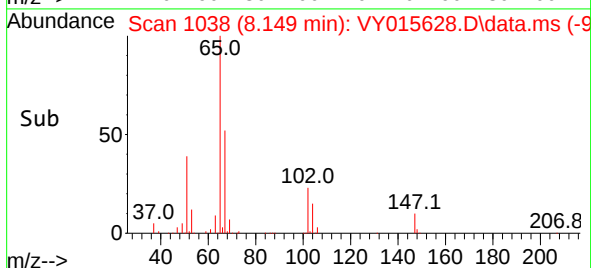
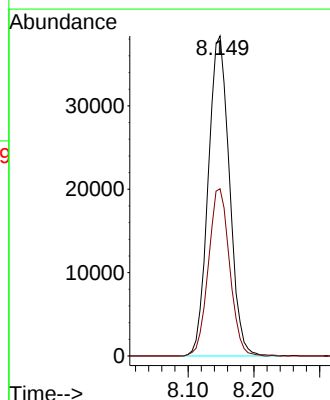
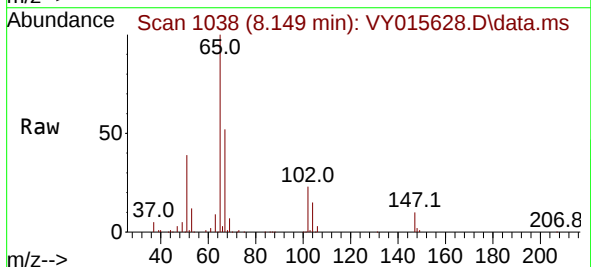
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

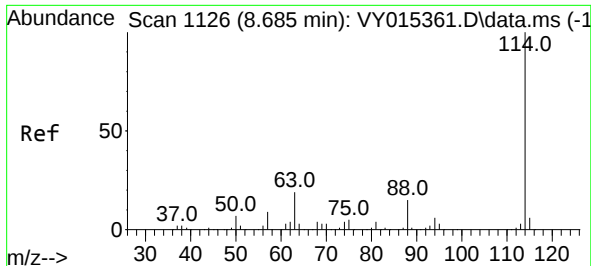
Tgt Ion:168 Resp: 132598
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 60.578 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.012 min
Lab File: VY015628.D
Acq: 18 Sep 2023 20:30

Tgt Ion: 65 Resp: 86107
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8

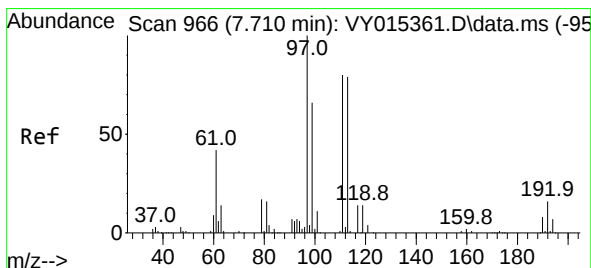
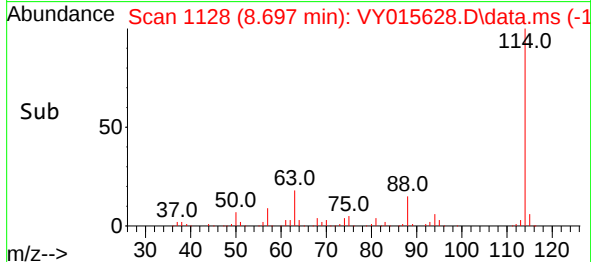
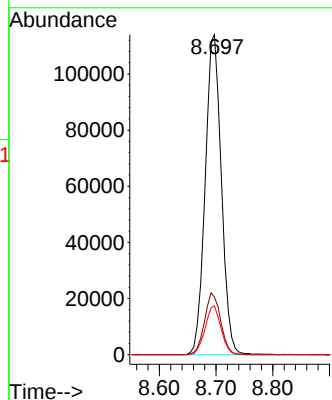
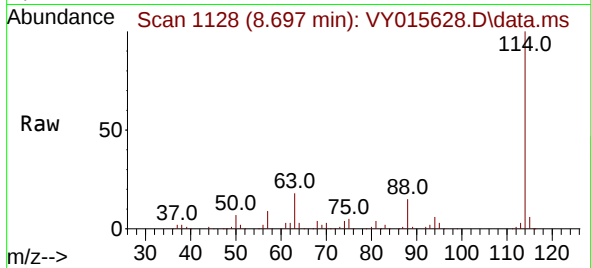




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1126
Delta R.T. 0.012 min
Lab File: VY015628.D
Acq: 18 Sep 2023 20:30

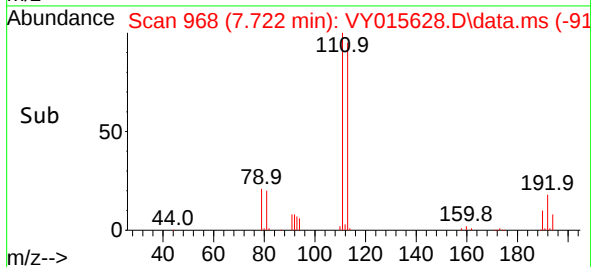
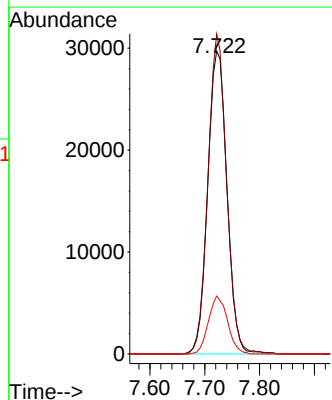
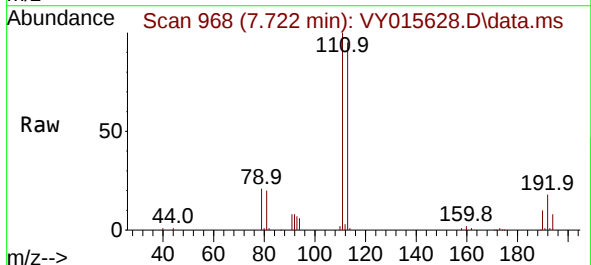
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

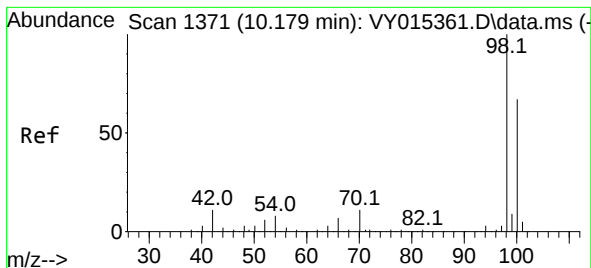
Tgt Ion:114 Resp: 225722
Ion Ratio Lower Upper
114 100
63 18.0 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.664 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY015628.D
Acq: 18 Sep 2023 20:30

Tgt Ion:113 Resp: 72369
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 18.9 16.9 25.3





#50

Toluene-d8

Concen: 55.938 ug/l

RT: 10.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015628.D

Acq: 18 Sep 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

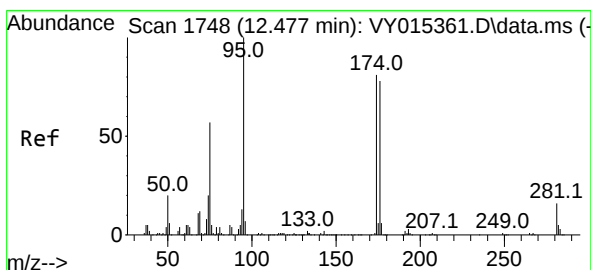
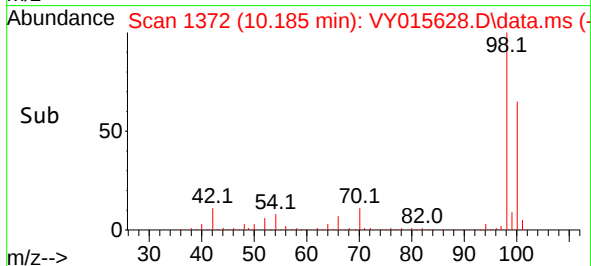
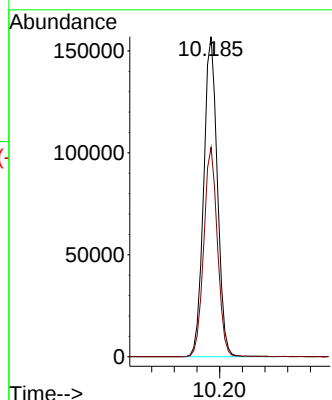
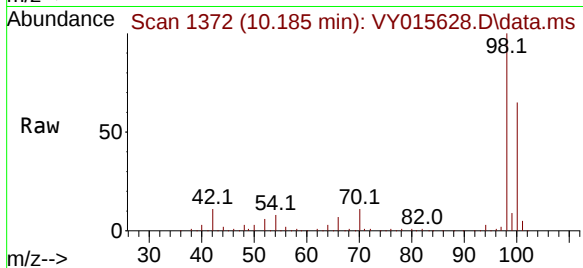
WC-1

Tgt Ion: 98 Resp: 263365

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.171 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015628.D

Acq: 18 Sep 2023 20:30

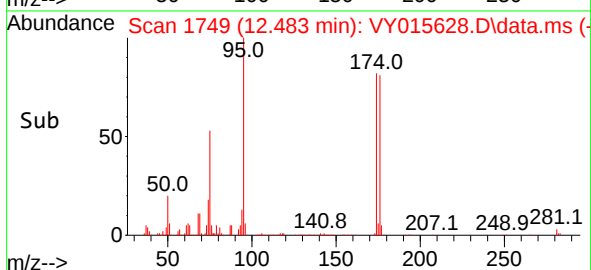
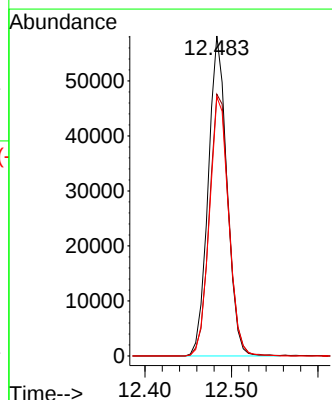
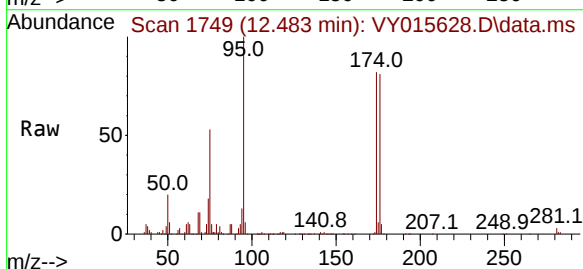
Tgt Ion: 95 Resp: 87691

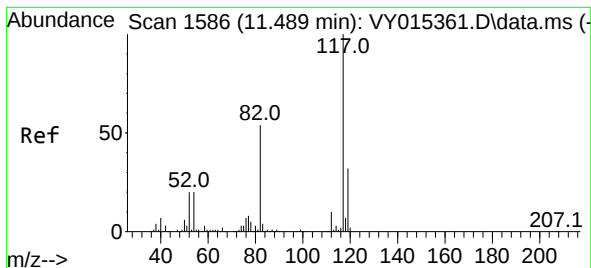
Ion Ratio Lower Upper

95 100

174 85.1 0.0 178.2

176 82.9 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: VY015628.D

Acq: 18 Sep 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

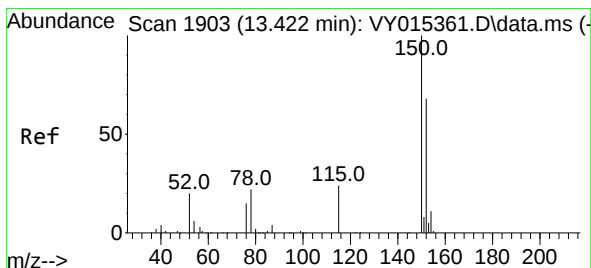
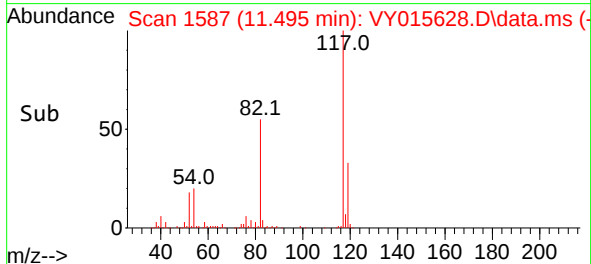
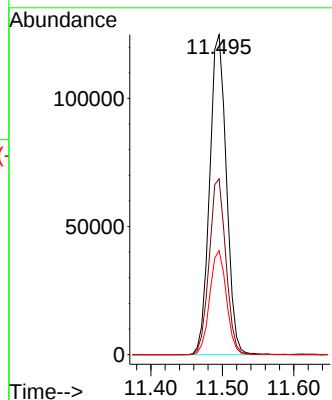
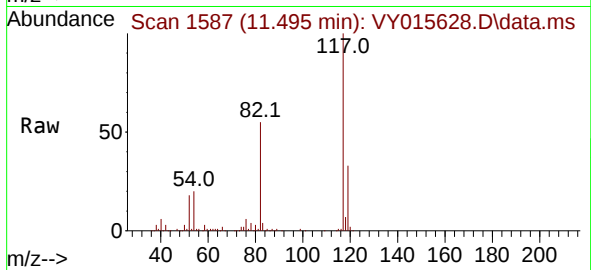
Tgt Ion:117 Resp: 203610

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 32.5 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: VY015628.D

Acq: 18 Sep 2023 20:30

Tgt Ion:152 Resp: 94109

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 158.1 0.0 348.8

