

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016578.D
 Acq On : 04 Dec 2023 15:26
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Dec 05 01:10:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 00:54:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	141830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	206523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	82985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74442	56.787	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.580%
35) Dibromofluoromethane	7.728	113	69511	50.588	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.180%
50) Toluene-d8	10.191	98	264377	50.867	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.740%
62) 4-Bromofluorobenzene	12.495	95	82956	48.535	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.060%

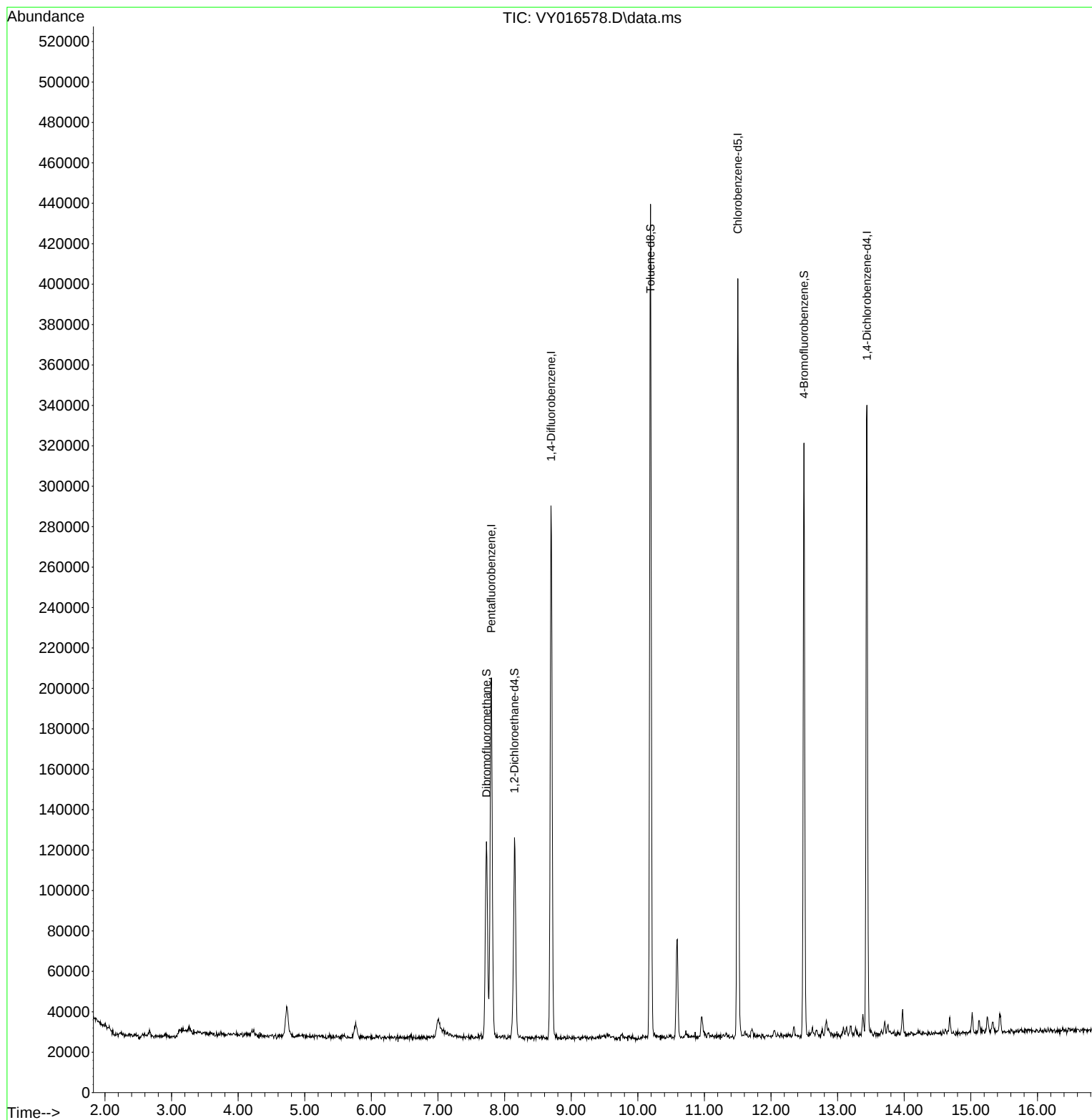
Target Compounds	Qvalue

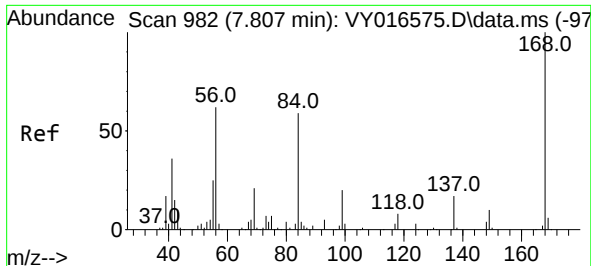
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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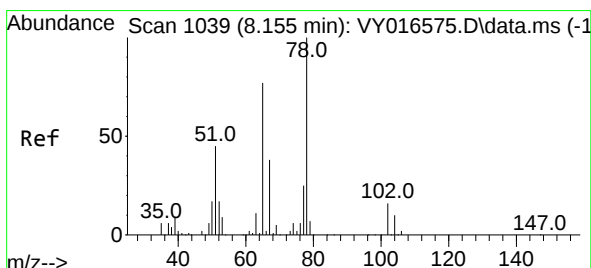
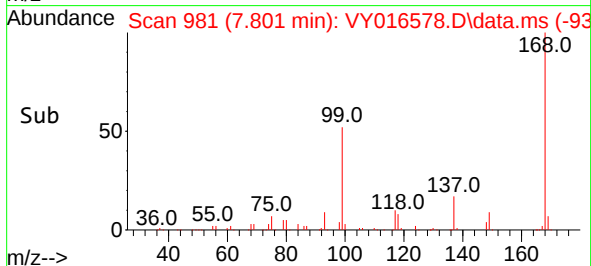
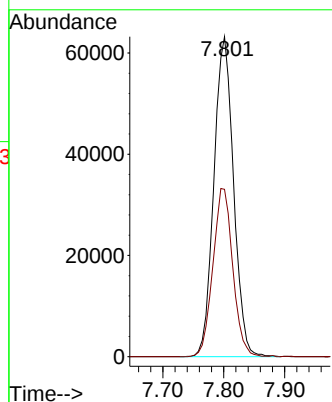
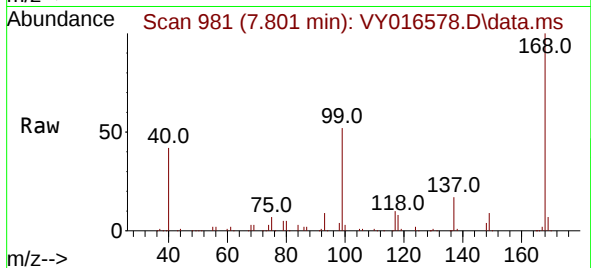




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

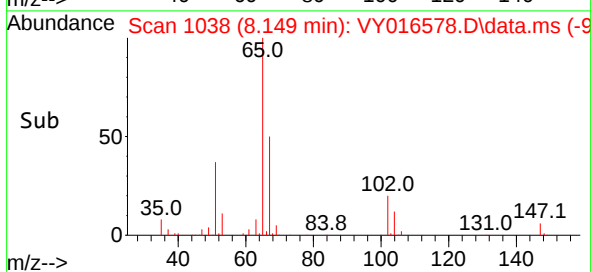
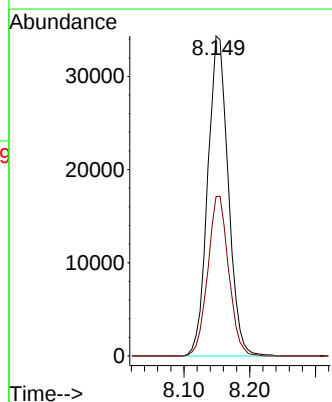
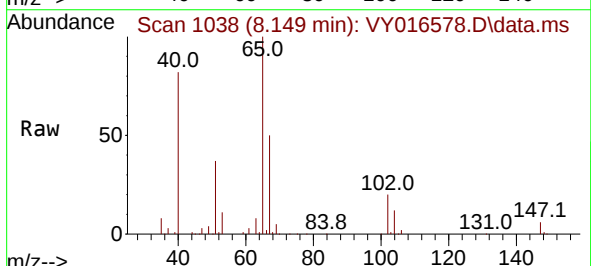
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

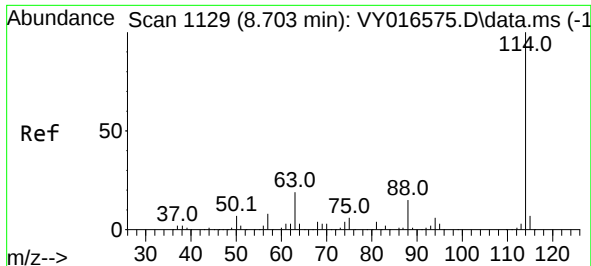
Tgt Ion:168 Resp: 141830
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.787 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Tgt Ion: 65 Resp: 74442
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

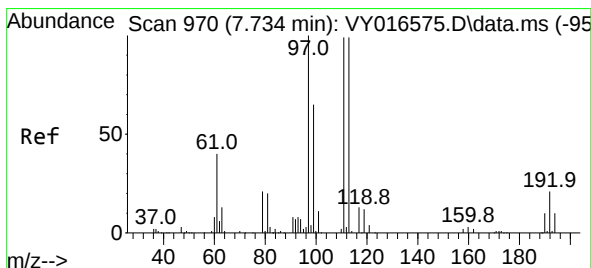
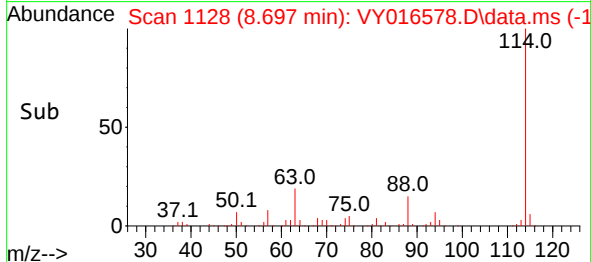
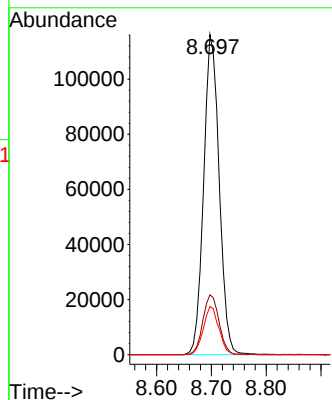
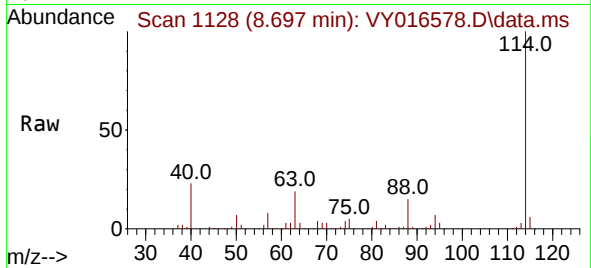




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

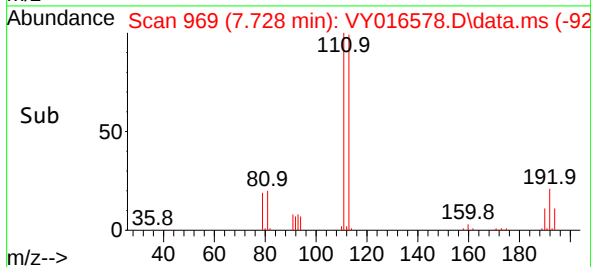
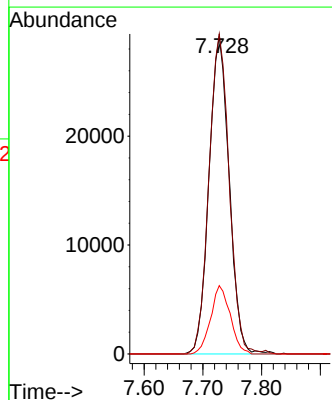
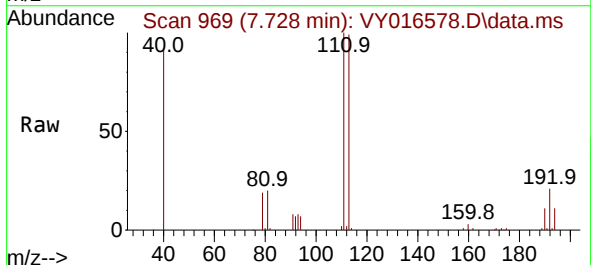
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

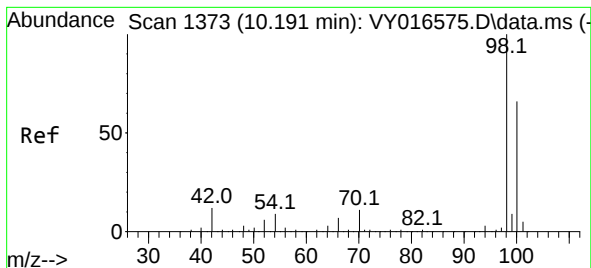
Tgt Ion:114 Resp: 228324
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.588 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016578.D
Acq: 04 Dec 2023 15:26

Tgt Ion:113 Resp: 69511
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 20.9 16.9 25.3





#50

Toluene-d8

Concen: 50.867 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016578.D

Acq: 04 Dec 2023 15:26

Instrument :

MSVOA_Y

ClientSampleId :

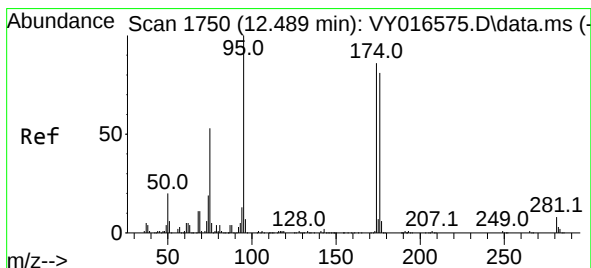
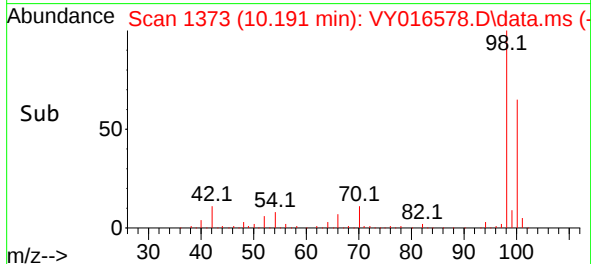
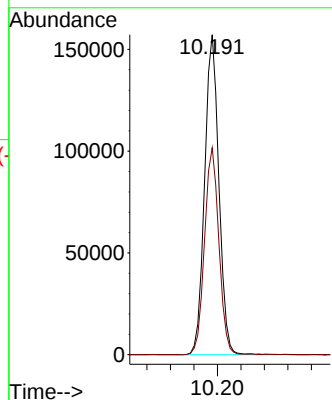
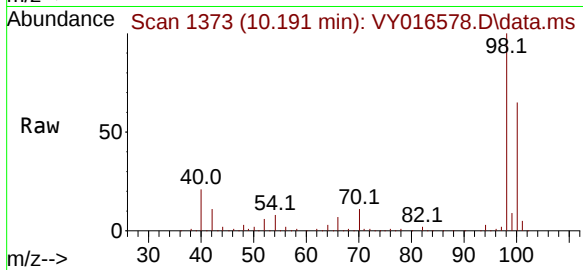
VIBLK

Tgt Ion: 98 Resp: 264377

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 48.535 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016578.D

Acq: 04 Dec 2023 15:26

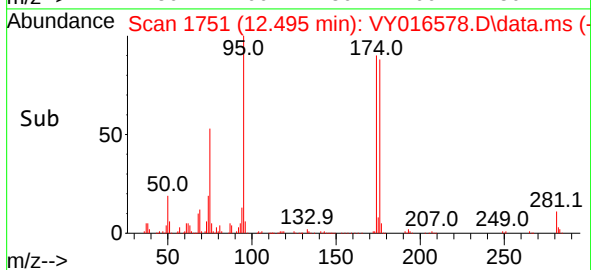
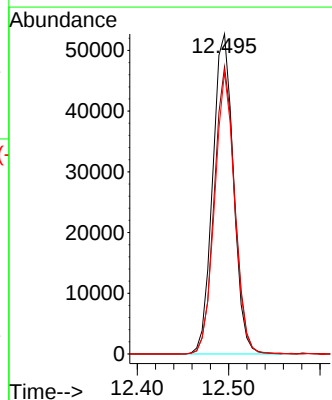
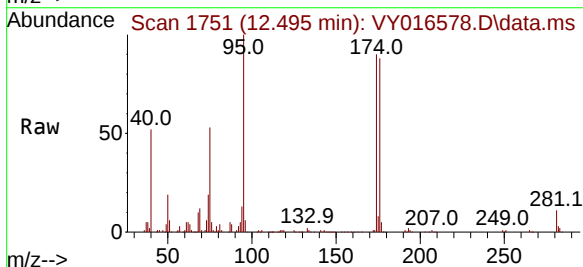
Tgt Ion: 95 Resp: 82956

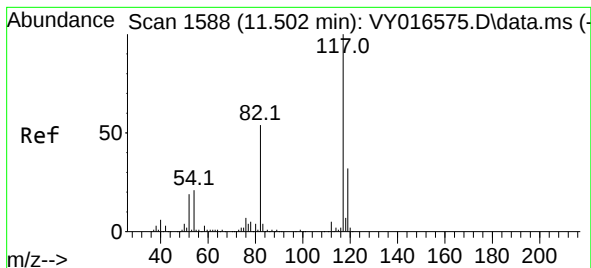
Ion Ratio Lower Upper

95 100

174 89.1 0.0 178.2

176 85.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016578.D

Acq: 04 Dec 2023 15:26

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

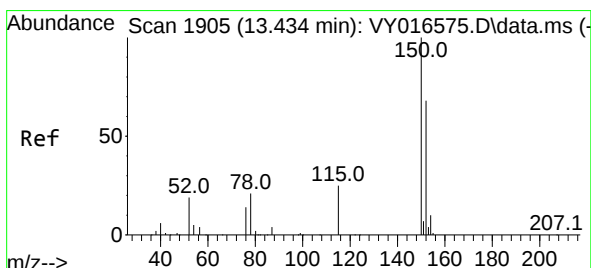
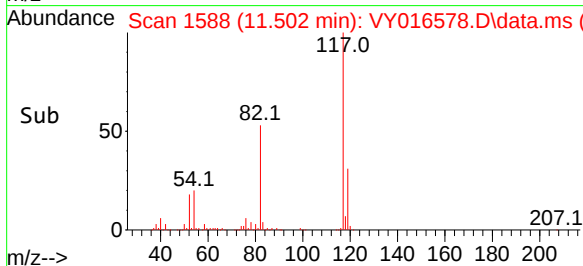
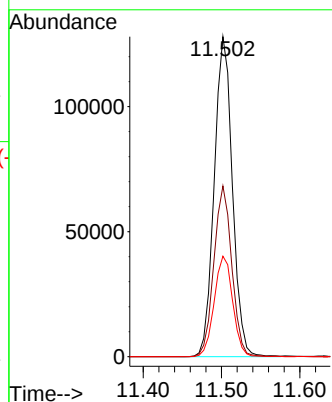
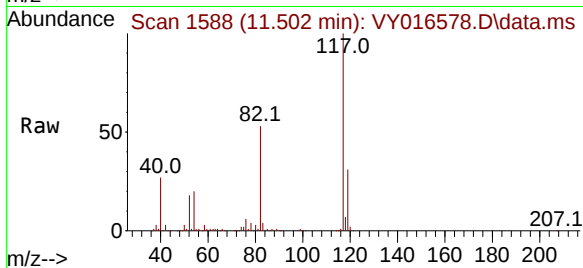
Tgt Ion:117 Resp: 206523

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 31.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016578.D

Acq: 04 Dec 2023 15:26

Tgt Ion:152 Resp: 82985

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 159.7 0.0 348.8

