

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111323\
 Data File : VY016329.D
 Acq On : 13 Nov 2023 17:42
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Nov 14 04:38:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	98396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	173772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	170321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	78552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61753	68.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.340%
35) Dibromofluoromethane	7.728	113	55373	56.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.180%
50) Toluene-d8	10.191	98	206549	51.598	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.495	95	72584	55.828	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.660%

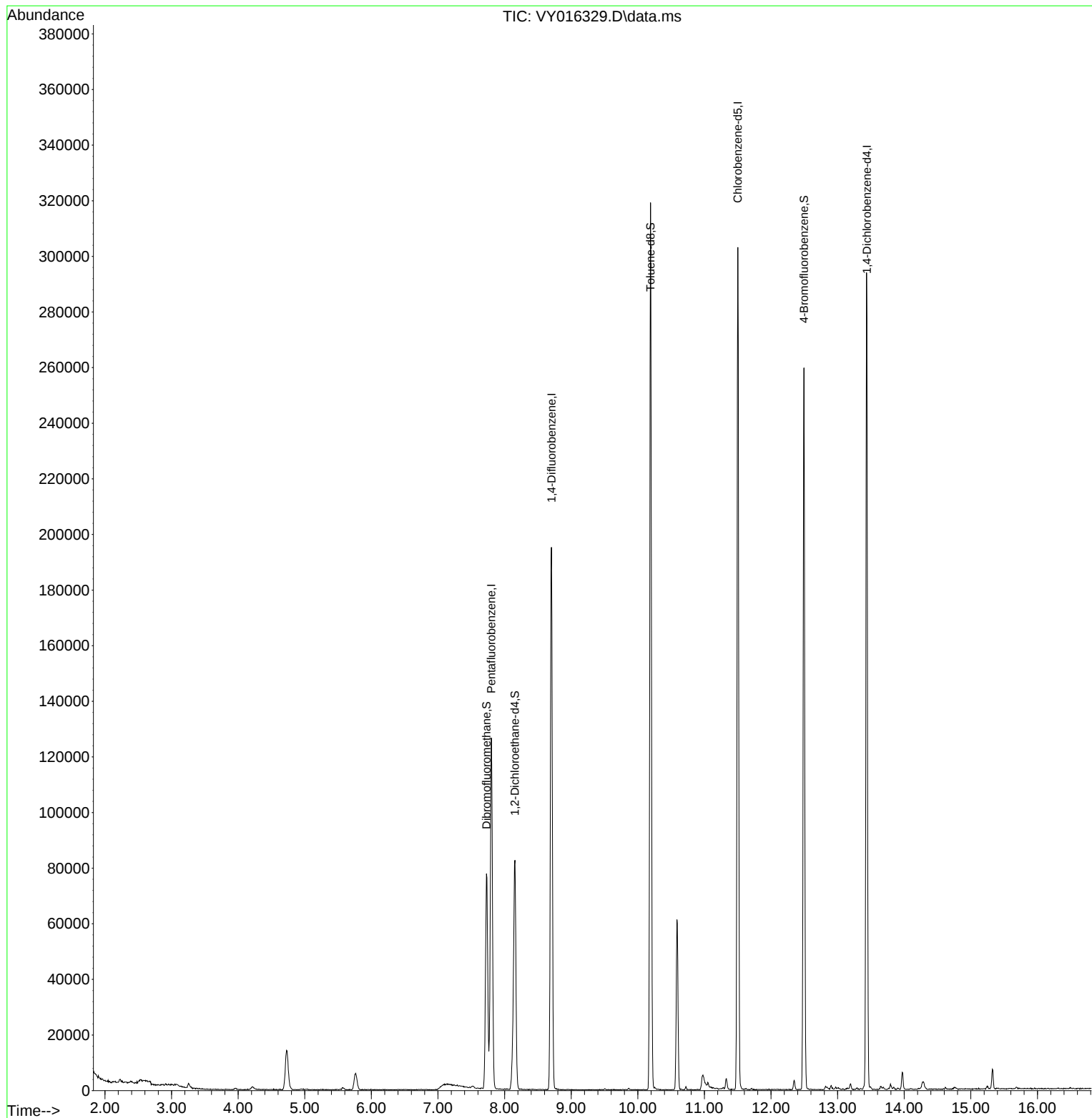
Target Compounds	Qvalue

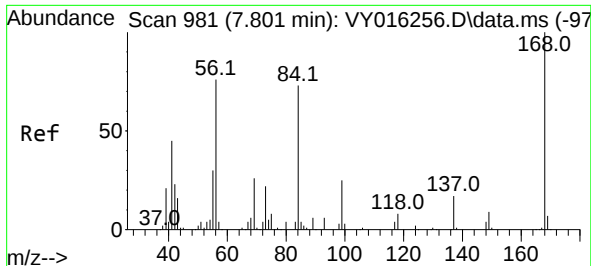
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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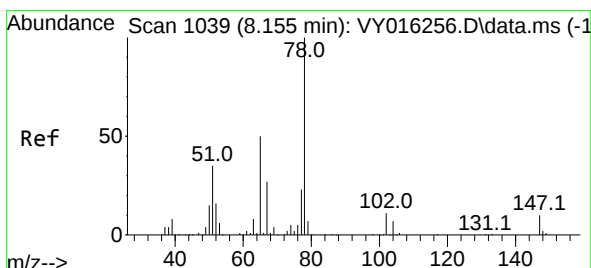
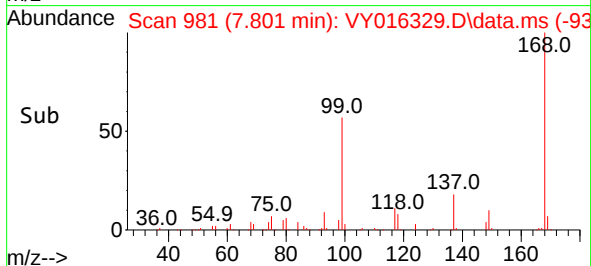
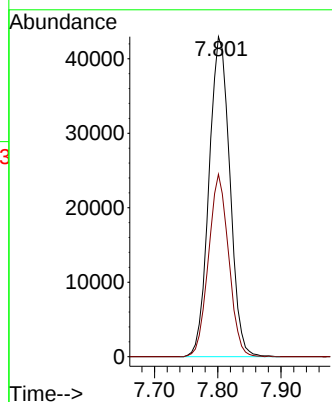
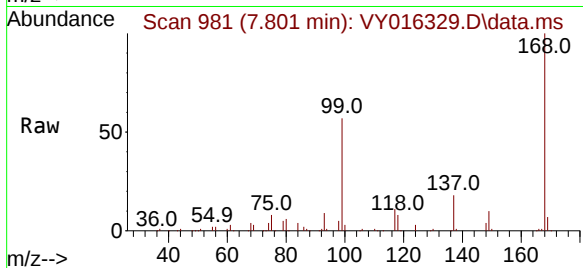




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

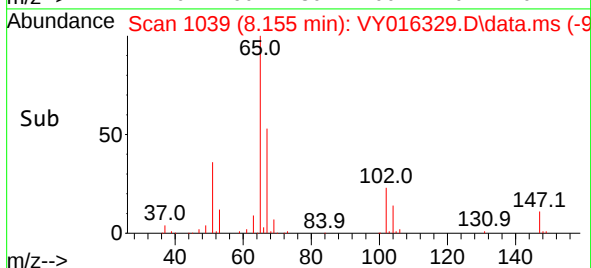
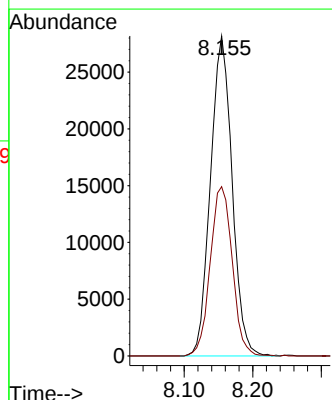
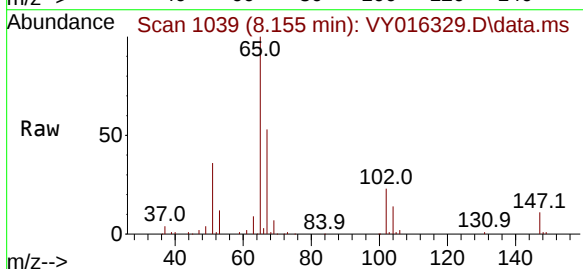
Instrument :
MSVOA_Y
ClientSampleId :
BLK

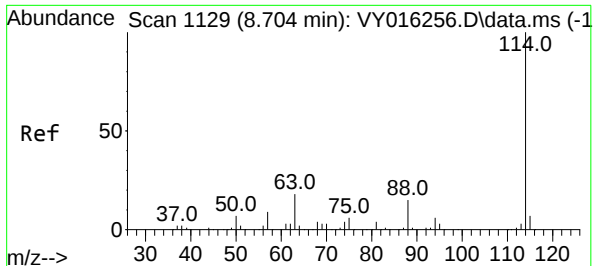
Tgt Ion:168 Resp: 98396
Ion Ratio Lower Upper
168 100
99 57.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 68.668 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

Tgt Ion: 65 Resp: 61753
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016329.D

Acq: 13 Nov 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

BLK

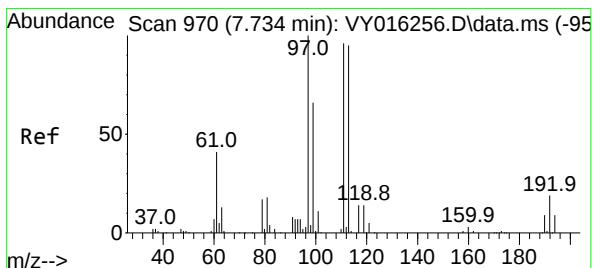
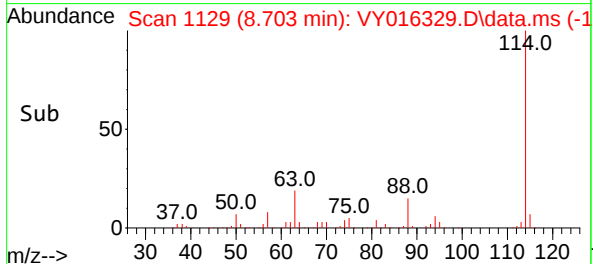
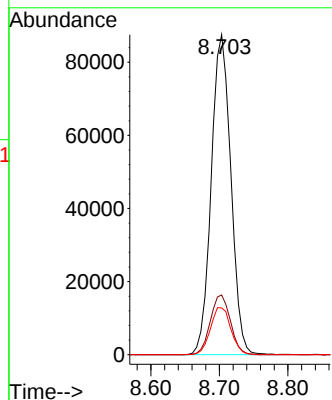
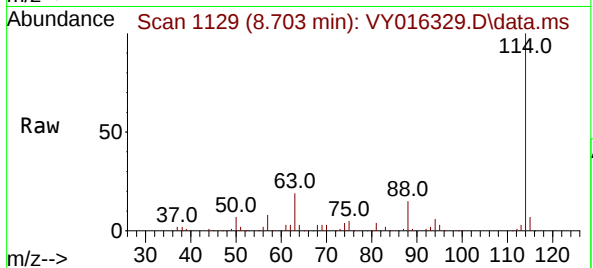
Tgt Ion:114 Resp: 173772

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.095 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016329.D

Acq: 13 Nov 2023 17:42

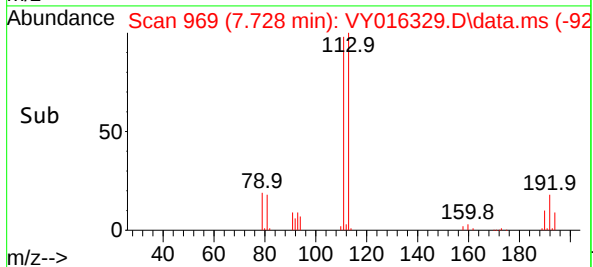
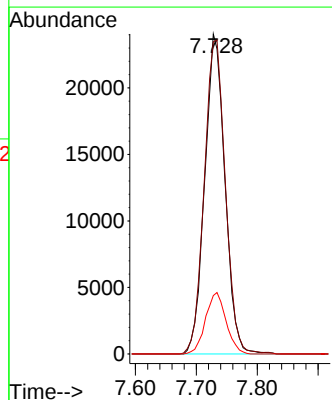
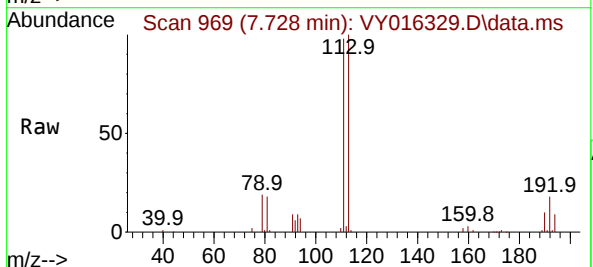
Tgt Ion:113 Resp: 55373

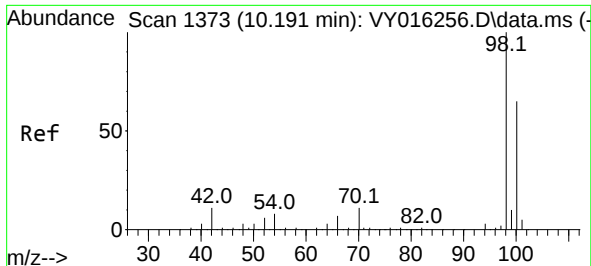
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

192 19.5 16.9 25.3

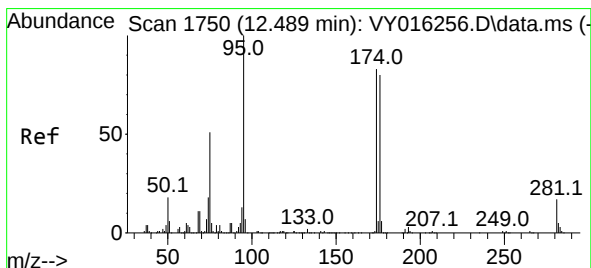
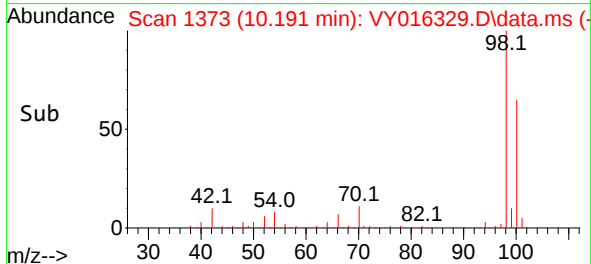
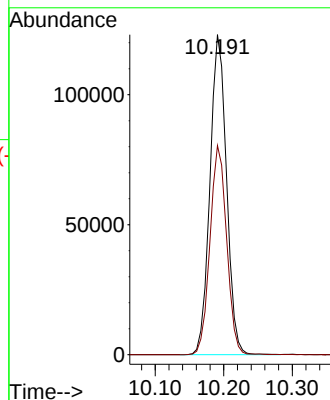
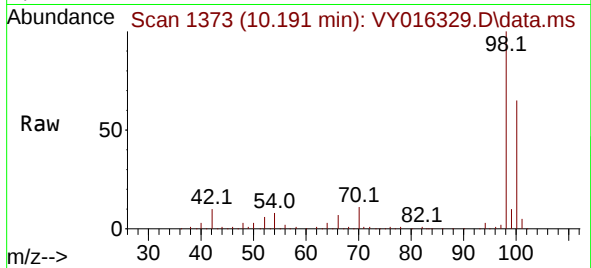




#50
Toluene-d8
Concen: 51.598 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

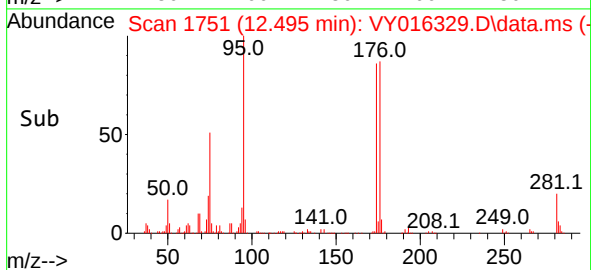
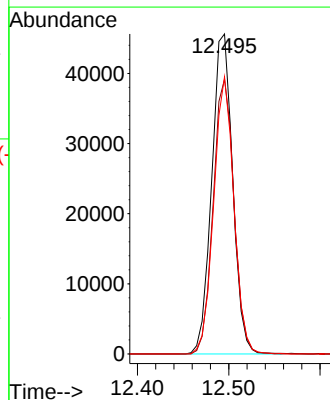
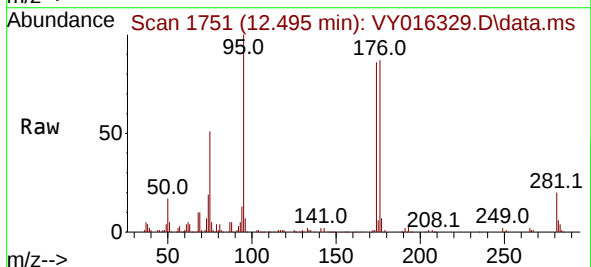
Instrument :
MSVOA_Y
ClientSampleId :
BLK

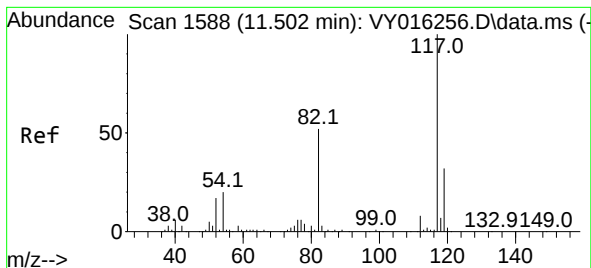
Tgt Ion: 98 Resp: 206549
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 55.828 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016329.D
Acq: 13 Nov 2023 17:42

Tgt Ion: 95 Resp: 72584
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 83.4 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: VY016329.D

Acq: 13 Nov 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

BLK

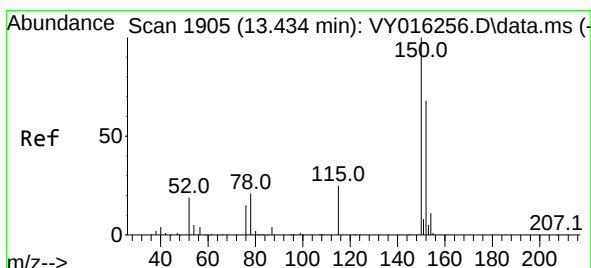
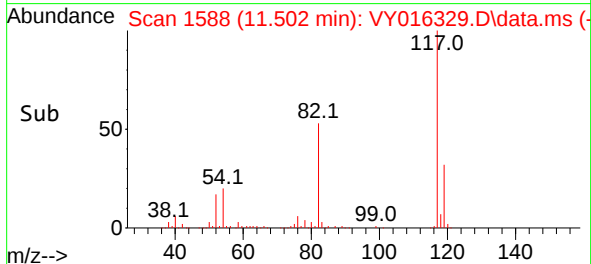
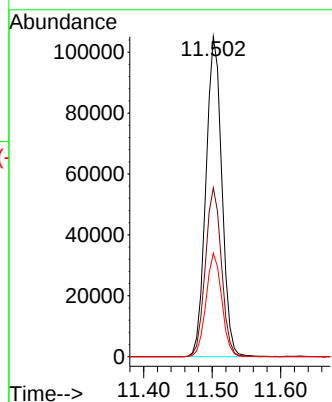
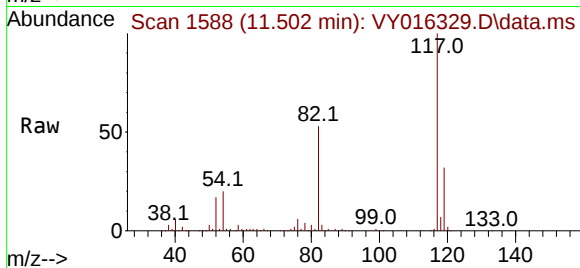
Tgt Ion:117 Resp: 170321

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 32.3 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: VY016329.D

Acq: 13 Nov 2023 17:42

Tgt Ion:152 Resp: 78552

Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 158.2 0.0 348.8

