

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016259.D
 Acq On : 08 Nov 2023 12:06
 Operator : SY/MD
 Sample : BLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BLK

Quant Time: Nov 09 00:56:48 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	108892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	191080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	182396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63602	63.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.820%
35) Dibromofluoromethane	7.728	113	58183	53.602	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.200%
50) Toluene-d8	10.191	98	224960	51.107	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.489	95	78266	54.746	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.500%

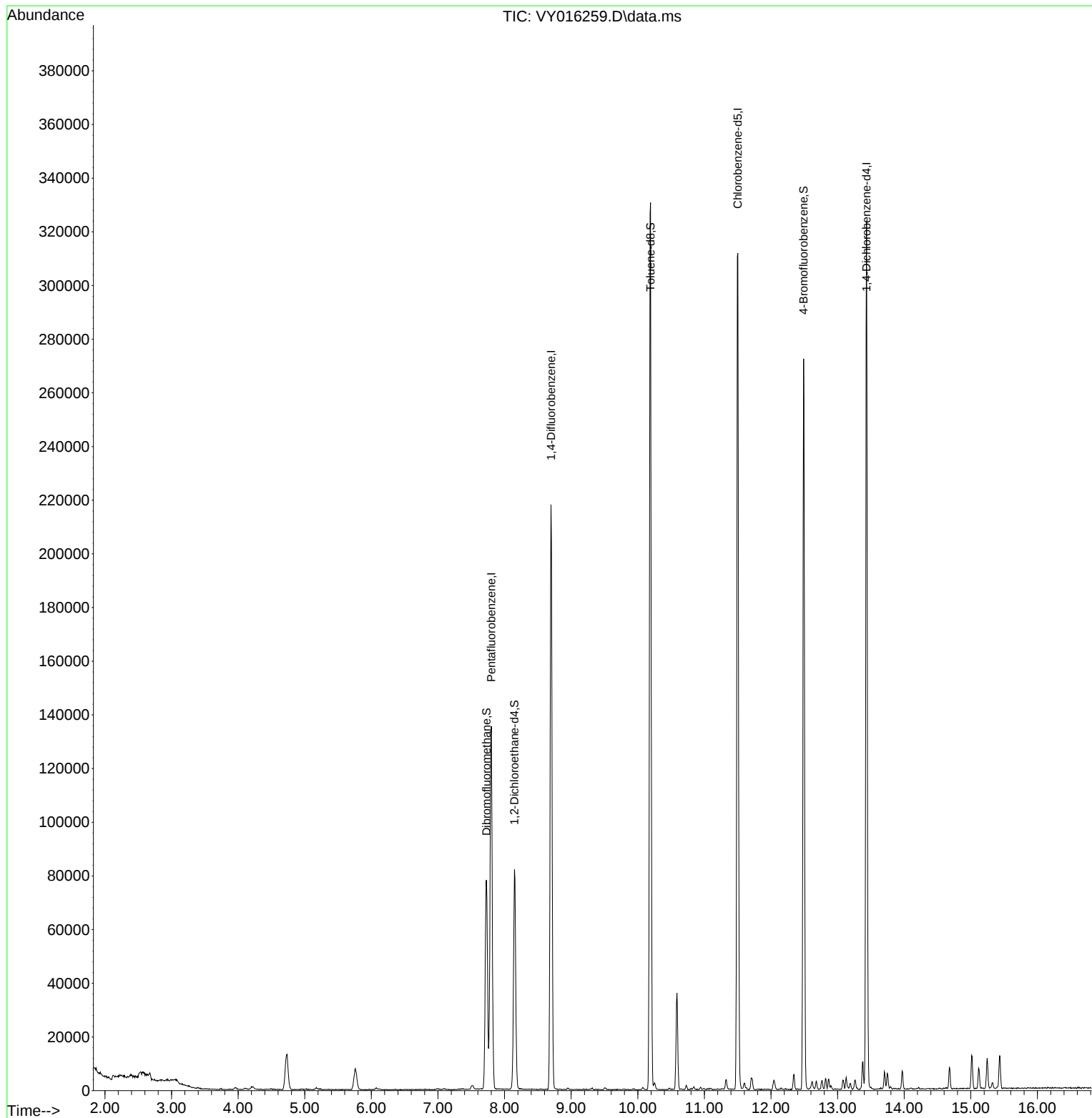
Target Compounds	Qvalue

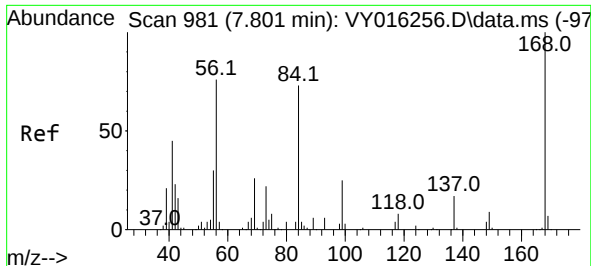
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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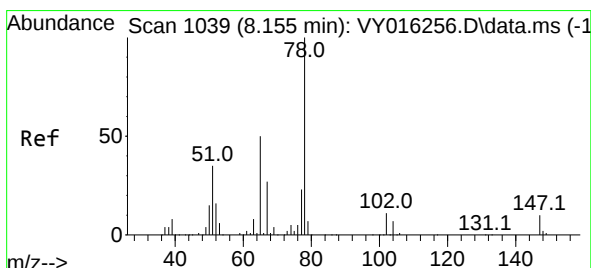
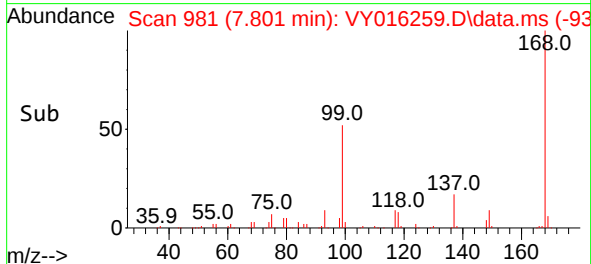
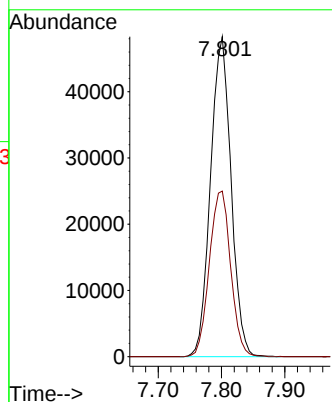
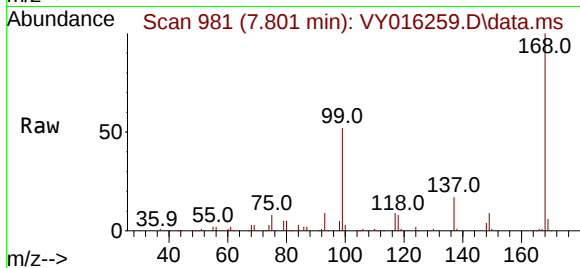




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

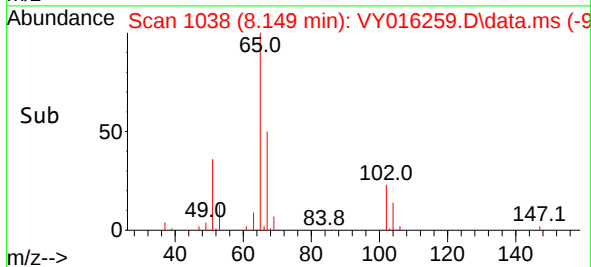
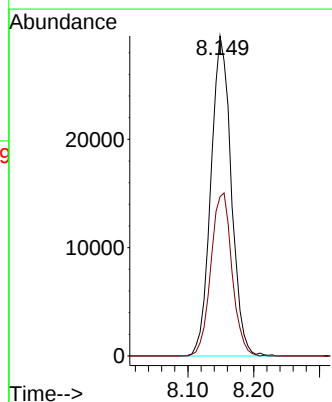
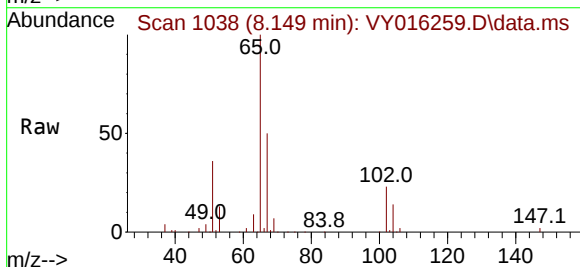
Instrument :
MSVOA_Y
ClientSampleId :
BLK

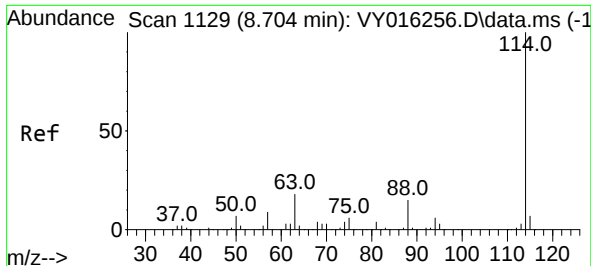
Tgt Ion:168 Resp: 108892
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 63.907 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

Tgt Ion: 65 Resp: 63602
Ion Ratio Lower Upper
65 100
67 52.7 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: VY016259.D

Acq: 08 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

BLK

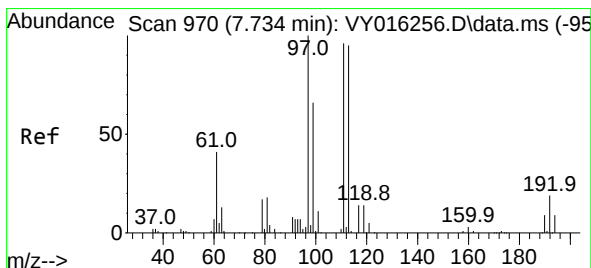
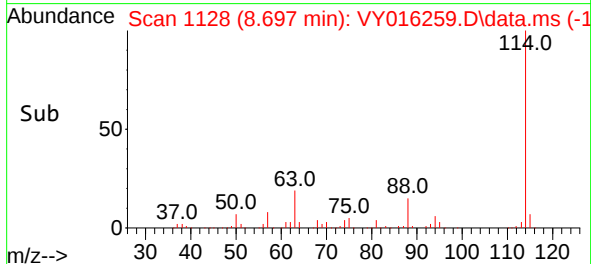
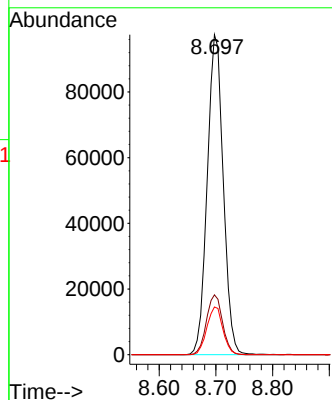
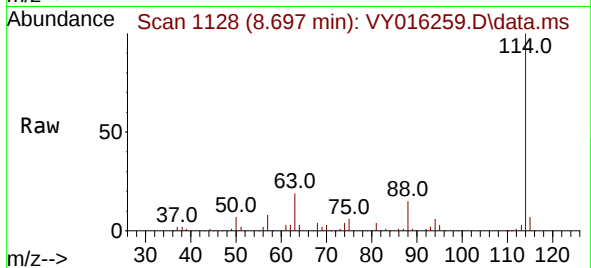
Tgt Ion:114 Resp: 191080

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.602 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016259.D

Acq: 08 Nov 2023 12:06

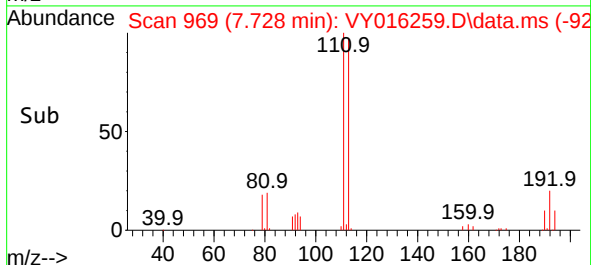
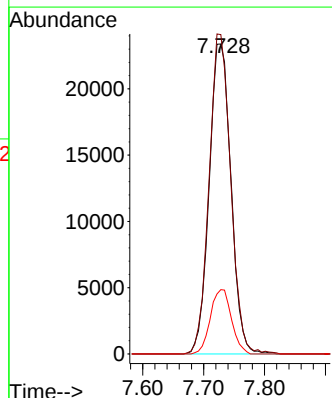
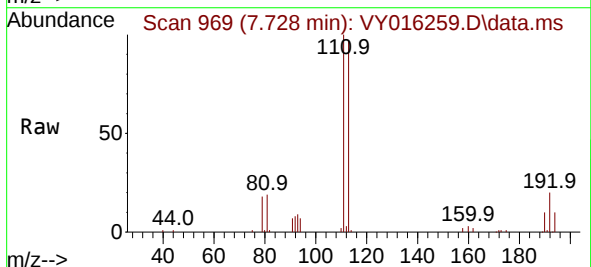
Tgt Ion:113 Resp: 58183

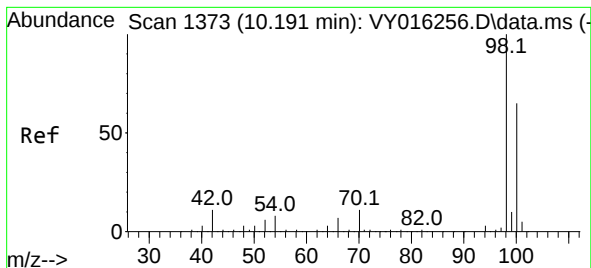
Ion Ratio Lower Upper

113 100

111 102.0 81.3 121.9

192 20.1 16.9 25.3





#50

Toluene-d8

Concen: 51.107 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016259.D

Acq: 08 Nov 2023 12:06

Instrument :

MSVOA_Y

ClientSampleId :

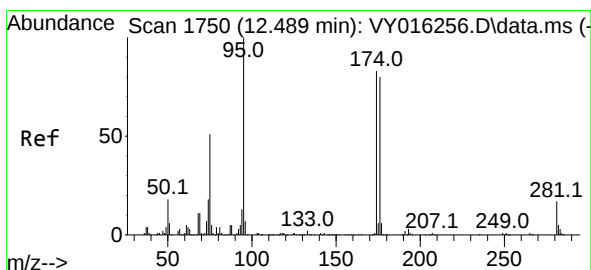
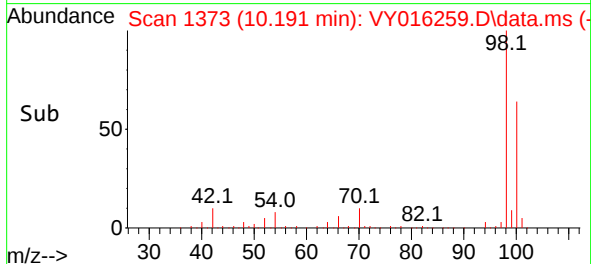
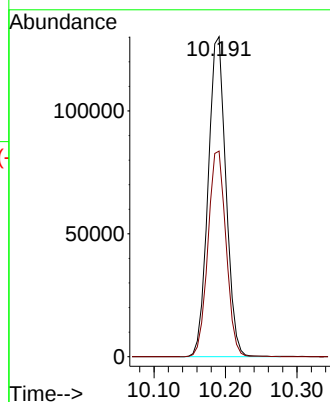
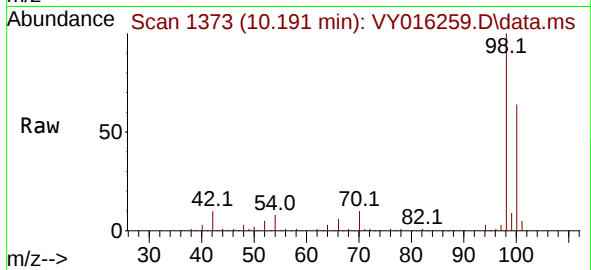
BLK

Tgt Ion: 98 Resp: 224960

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 54.746 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016259.D

Acq: 08 Nov 2023 12:06

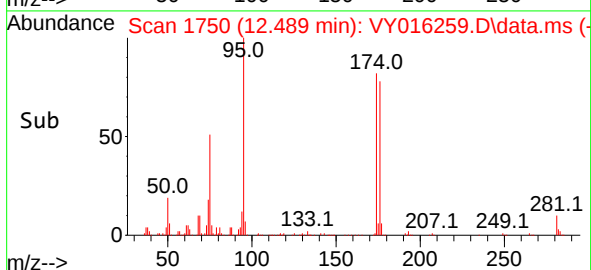
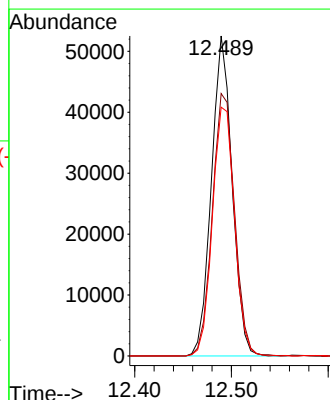
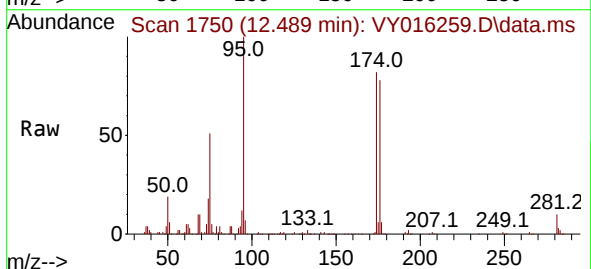
Tgt Ion: 95 Resp: 78266

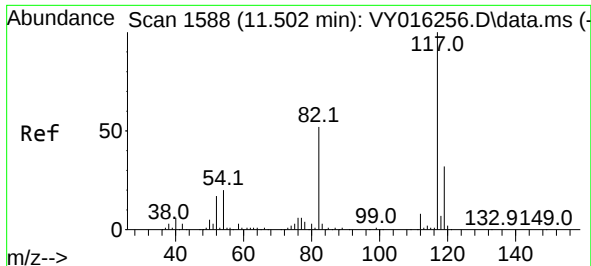
Ion Ratio Lower Upper

95 100

174 87.7 0.0 178.2

176 82.8 0.0 173.8

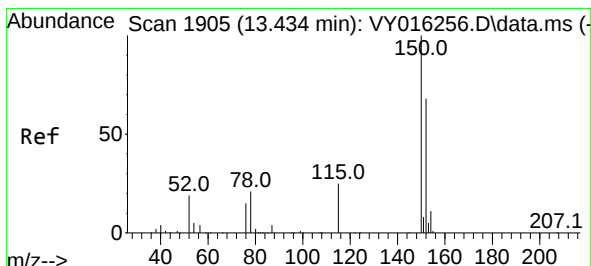
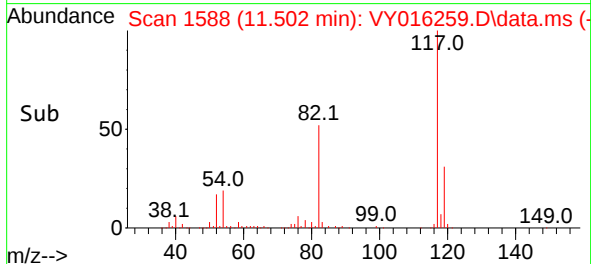
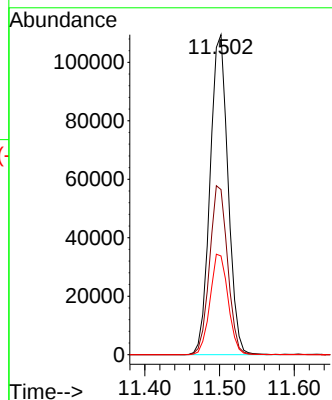
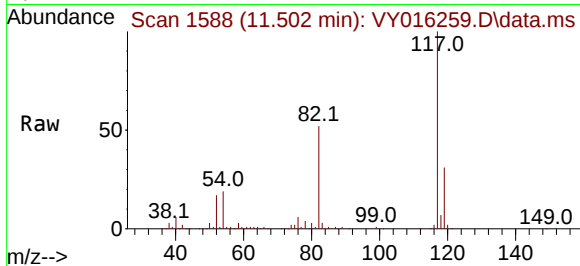




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

Instrument :
MSVOA_Y
ClientSampleId :
BLK

Tgt Ion:117 Resp: 182396
Ion Ratio Lower Upper
117 100
82 51.6 43.4 65.0
119 30.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016259.D
Acq: 08 Nov 2023 12:06

Tgt Ion:152 Resp: 84132
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 158.0 0.0 348.8

