

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016265.D
 Acq On : 08 Nov 2023 15:58
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 09 01:00:16 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	7.795	168	161292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	270012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	234157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	107033	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82653	56.068	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.140%
35) Dibromofluoromethane	7.728	113	82063	53.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.000%
50) Toluene-d8	10.185	98	319442	51.357	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.720%
62) 4-Bromofluorobenzene	12.489	95	102858	50.915	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.840%

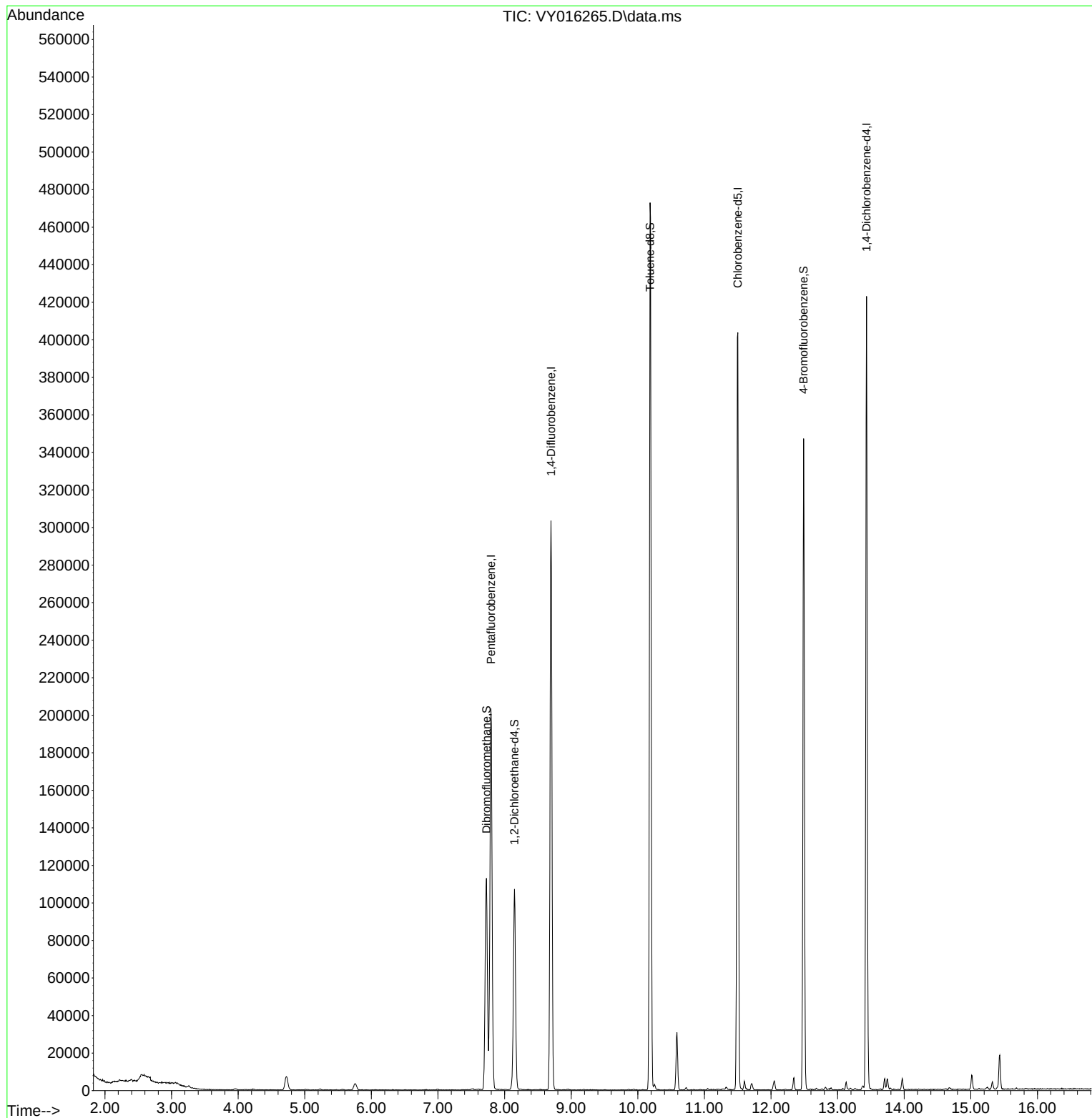
Target Compounds	Qvalue

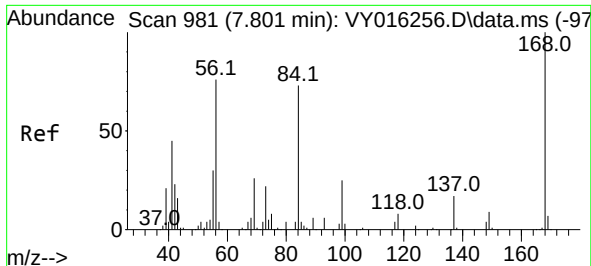
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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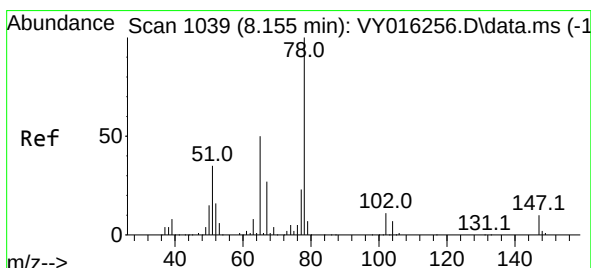
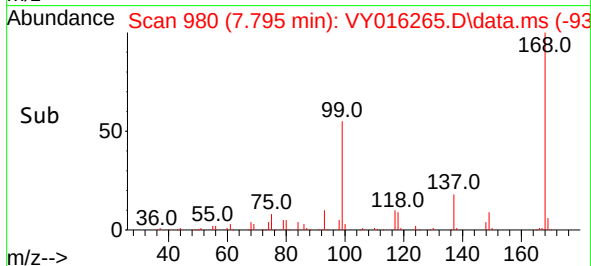
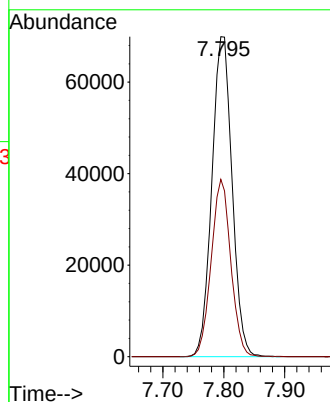
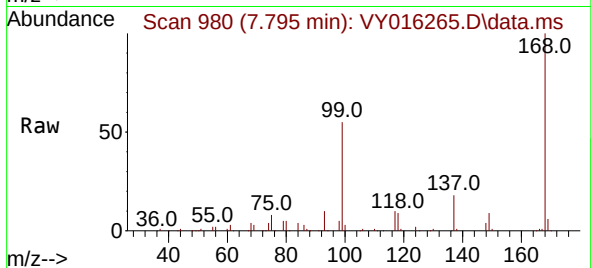




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016265.D
Acq: 08 Nov 2023 15:58

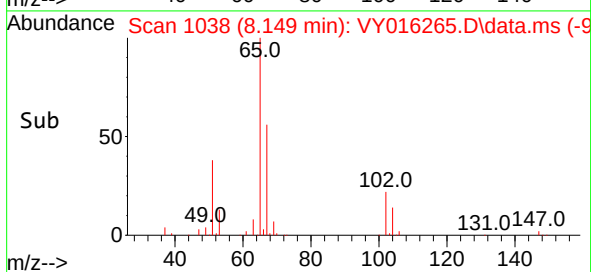
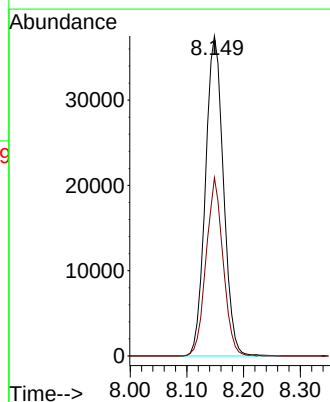
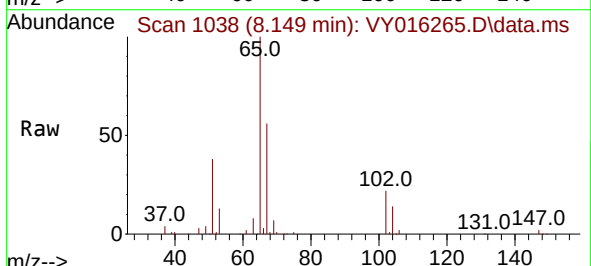
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

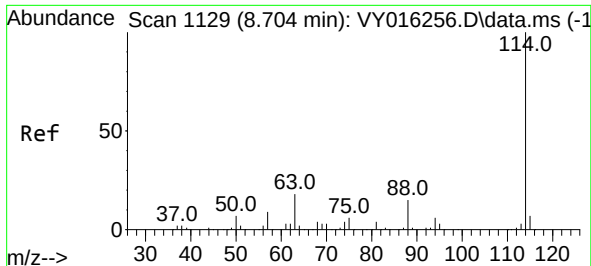
Tgt Ion:168 Resp: 161292
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 56.068 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016265.D
Acq: 08 Nov 2023 15:58

Tgt Ion: 65 Resp: 82653
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016265.D

Acq: 08 Nov 2023 15:58

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

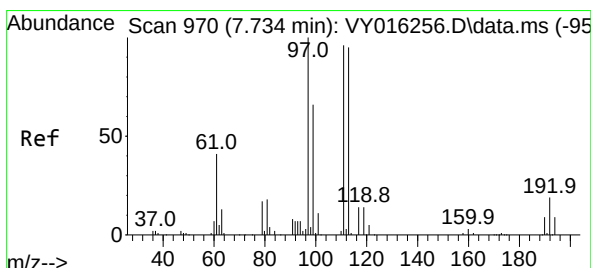
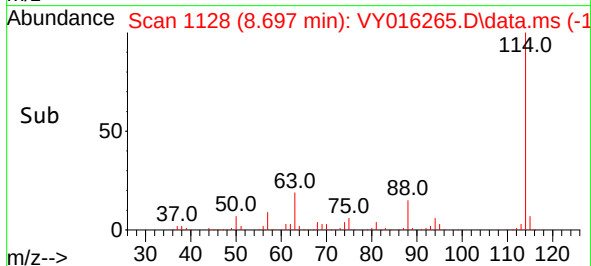
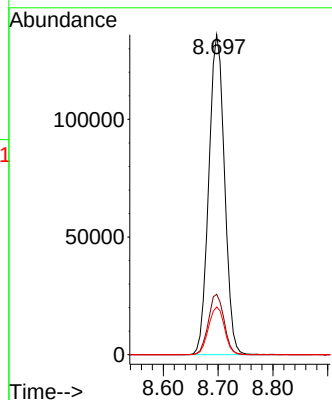
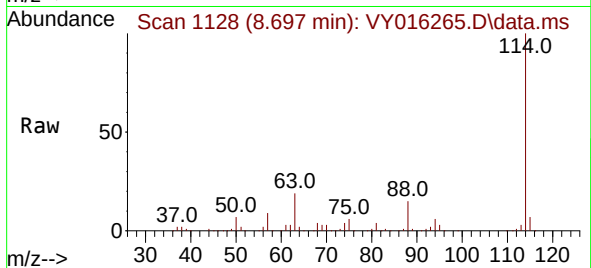
Tgt Ion:114 Resp: 270012

Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.502 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016265.D

Acq: 08 Nov 2023 15:58

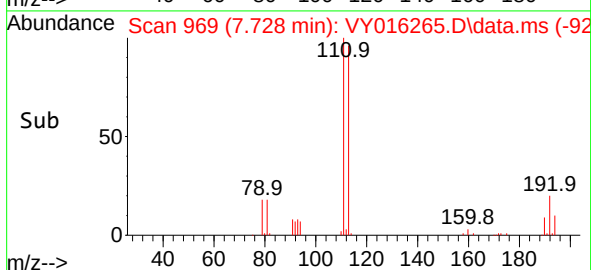
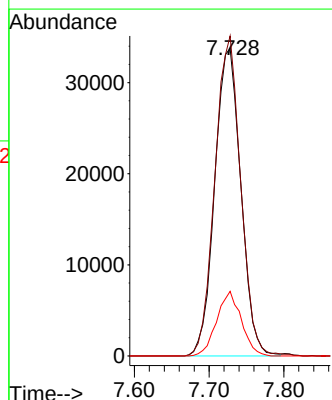
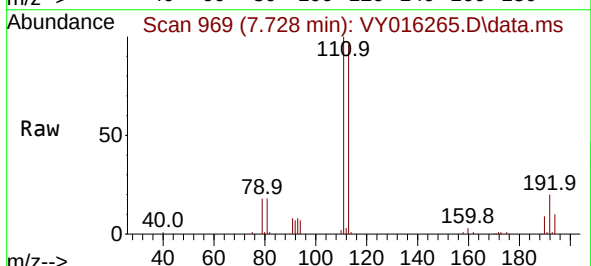
Tgt Ion:113 Resp: 82063

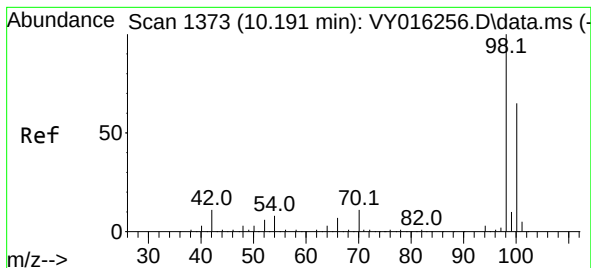
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 19.8 16.9 25.3





#50

Toluene-d8

Concen: 51.357 ug/l

RT: 10.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016265.D

Acq: 08 Nov 2023 15:58

Instrument :

MSVOA_Y

ClientSampleId :

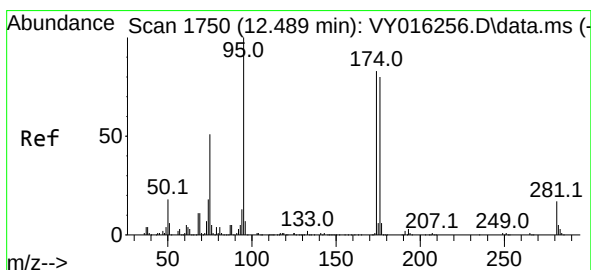
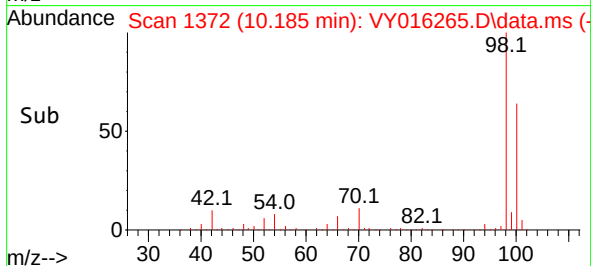
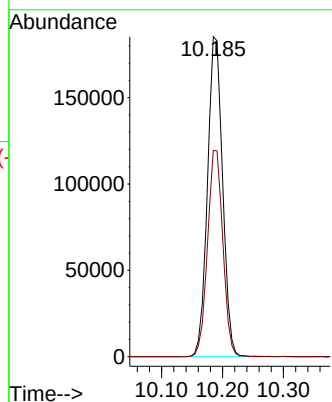
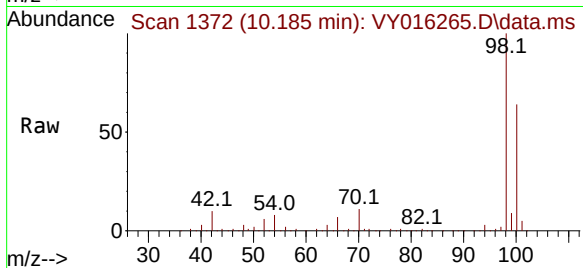
VIBLK

Tgt Ion: 98 Resp: 319442

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 50.915 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VY016265.D

Acq: 08 Nov 2023 15:58

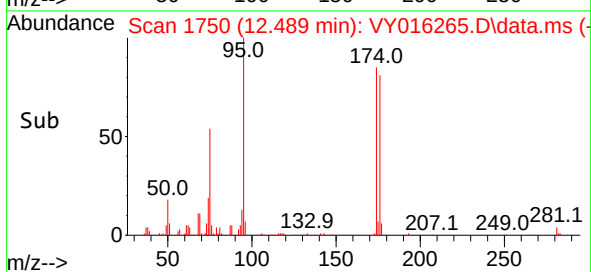
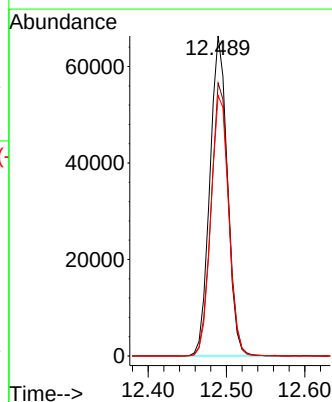
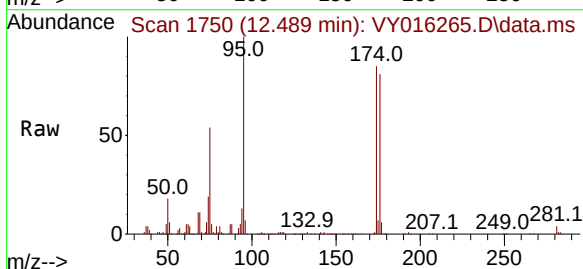
Tgt Ion: 95 Resp: 102858

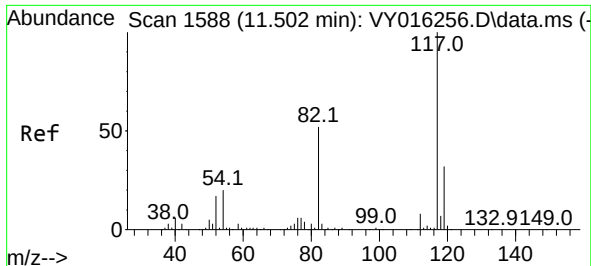
Ion Ratio Lower Upper

95 100

174 86.0 0.0 178.2

176 82.7 0.0 173.8

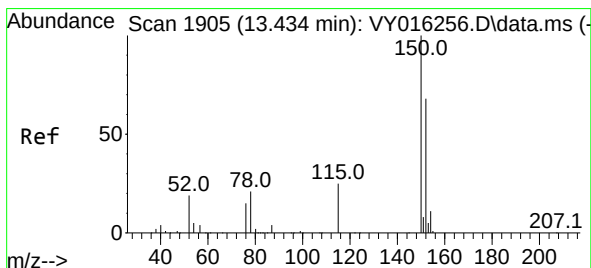
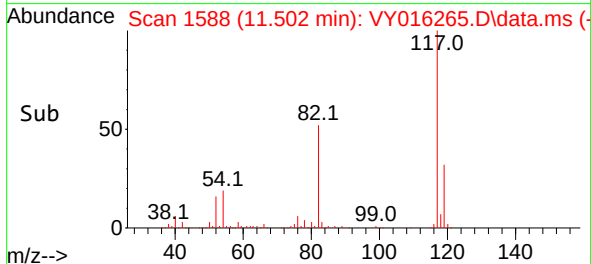
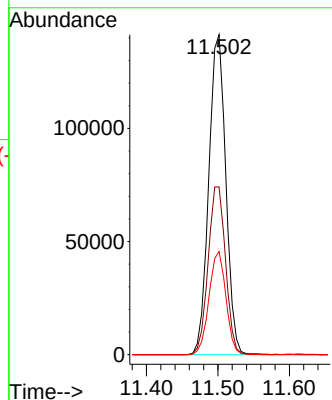
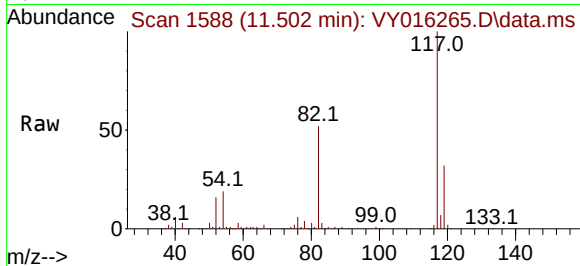




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016265.D
Acq: 08 Nov 2023 15:58

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 234157
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 32.2 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: VY016265.D
Acq: 08 Nov 2023 15:58

Tgt Ion:152 Resp: 107033
Ion Ratio Lower Upper
152 100
115 57.5 28.8 86.5
150 158.1 0.0 348.8

