

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016730.D
 Acq On : 20 Dec 2023 17:44
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Dec 21 00:55:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 00:33:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	11652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	31068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	32810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	11508	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10580	99.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	198.920%#
35) Dibromofluoromethane	7.722	113	12360	69.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	138.900%
50) Toluene-d8	10.191	98	39206	61.112	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	122.220%
62) 4-Bromofluorobenzene	12.489	95	12244	58.827	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	117.660%

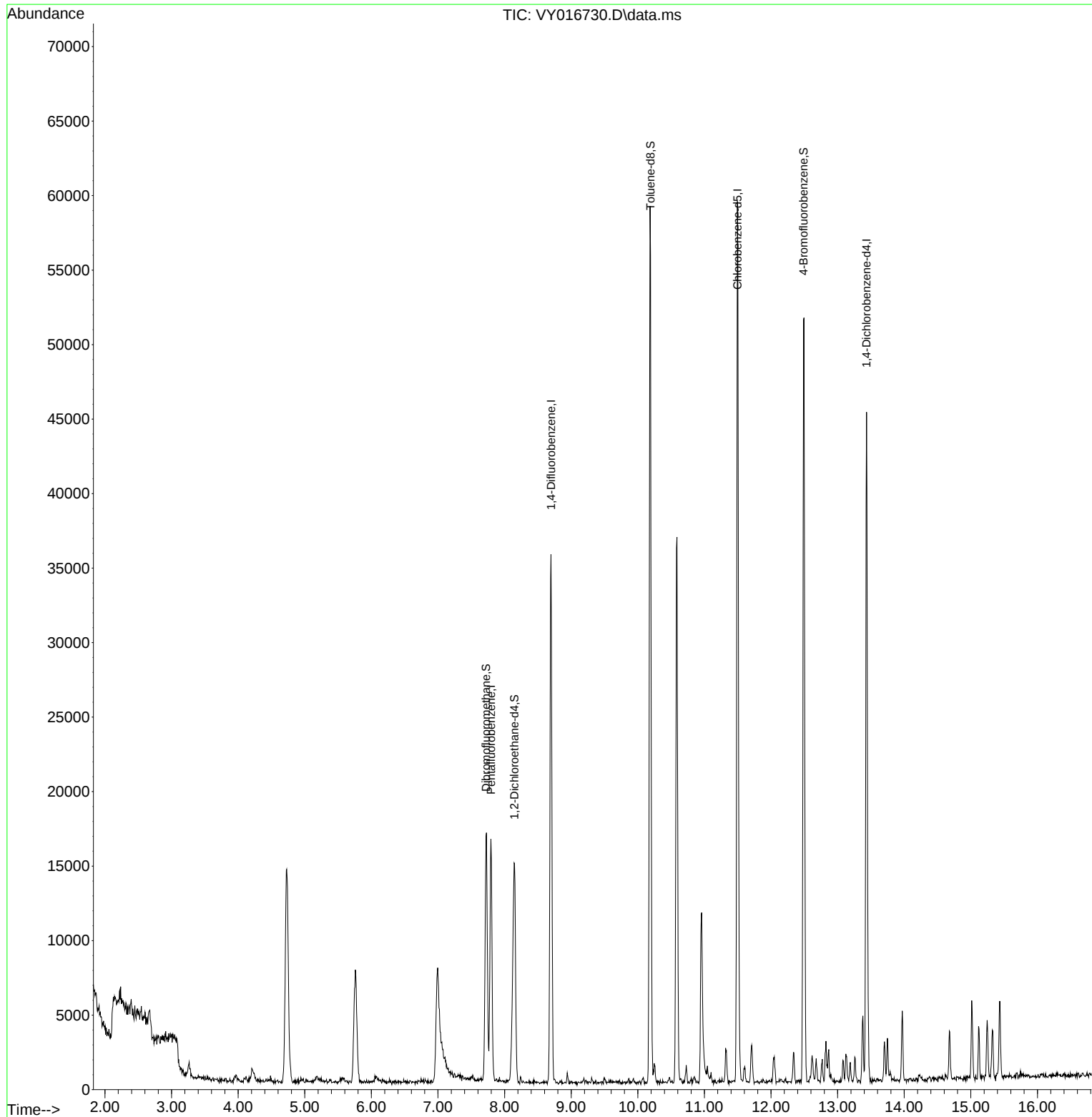
Target Compounds	Qvalue

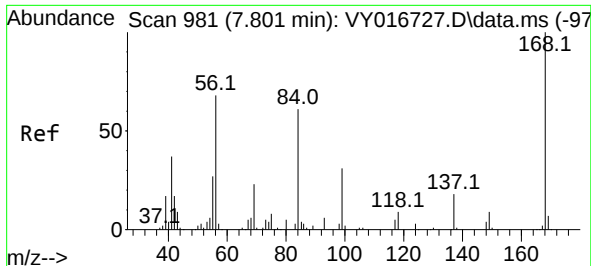
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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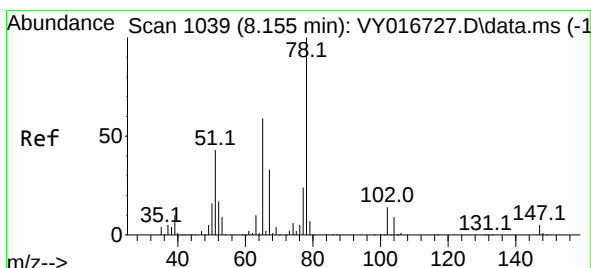
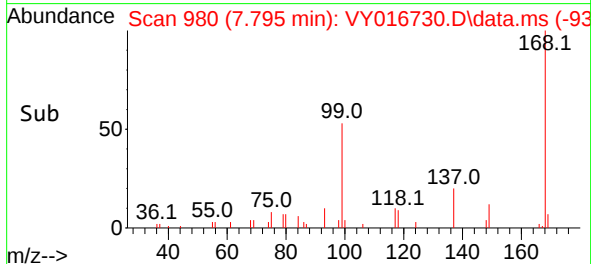
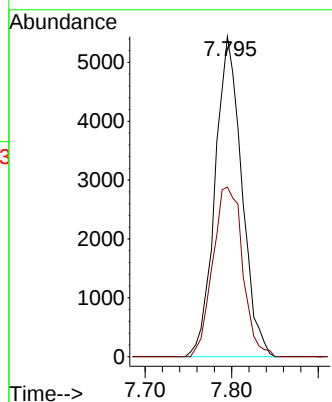
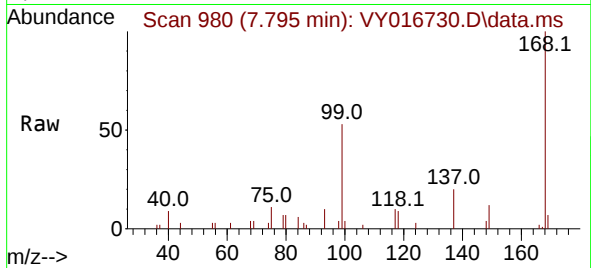




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

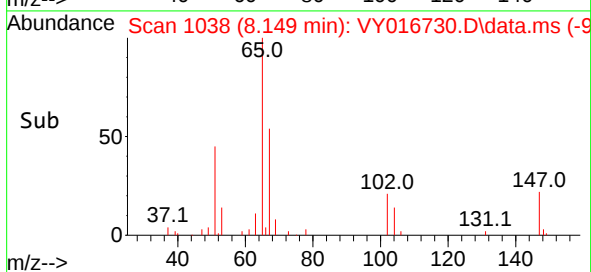
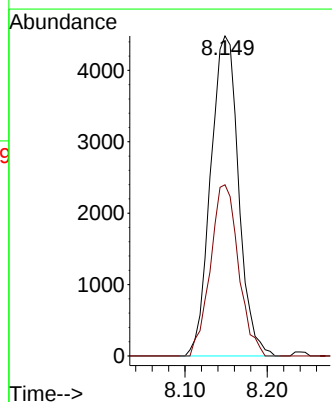
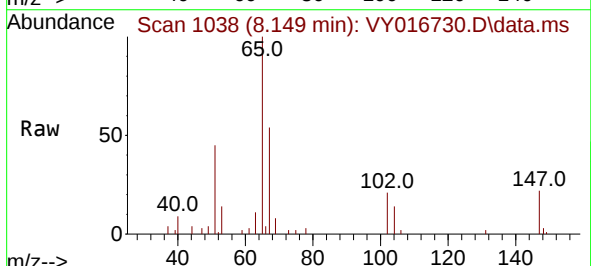
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

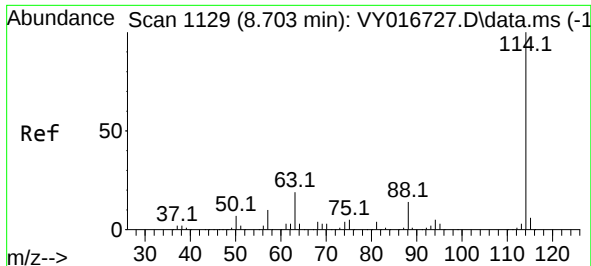
Tgt Ion:168 Resp: 11652
Ion Ratio Lower Upper
168 100
99 53.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 99.464 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016730.D
Acq: 20 Dec 2023 17:44

Tgt Ion: 65 Resp: 10580
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

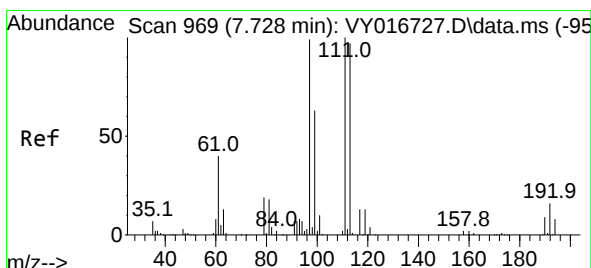
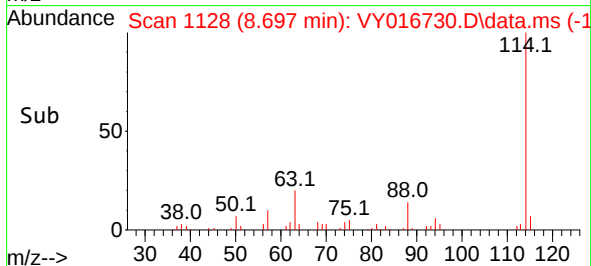
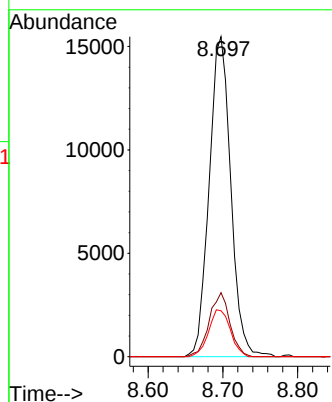
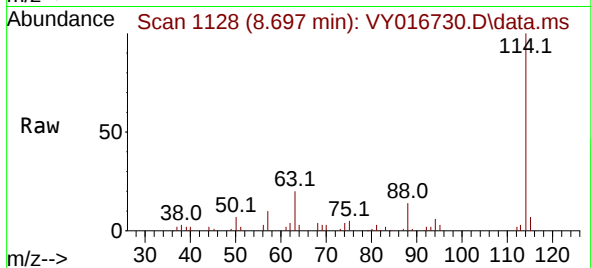
Tgt Ion:114 Resp: 31068

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 69.452 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

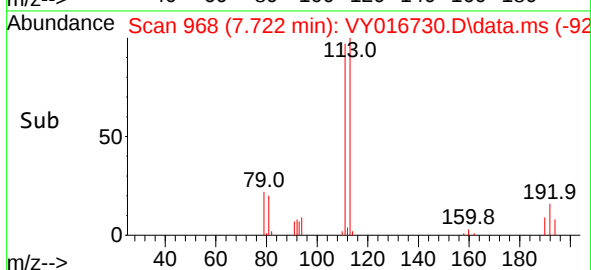
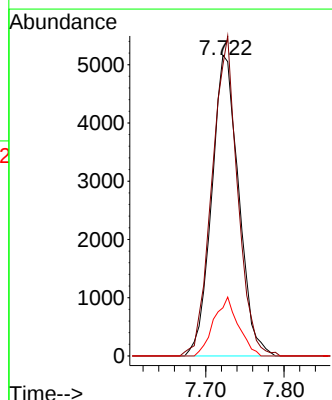
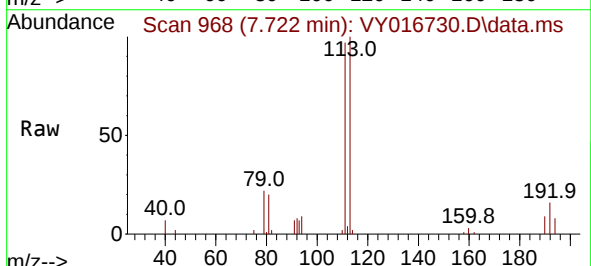
Tgt Ion:113 Resp: 12360

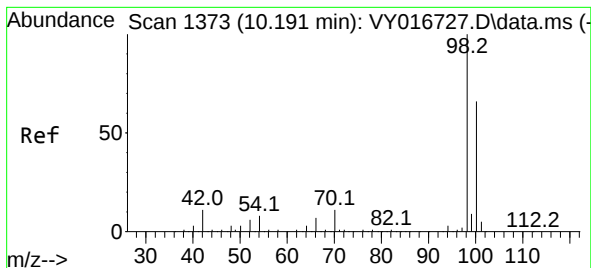
Ion Ratio Lower Upper

113 100

111 101.0 83.8 125.6

192 17.8 14.5 21.7





#50

Toluene-d8

Concen: 61.112 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

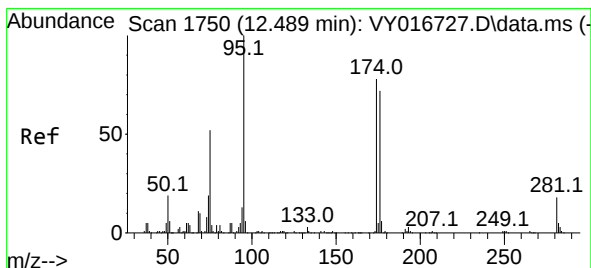
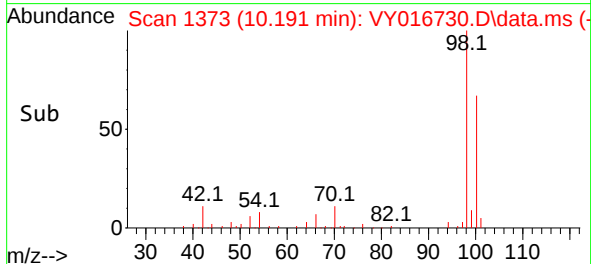
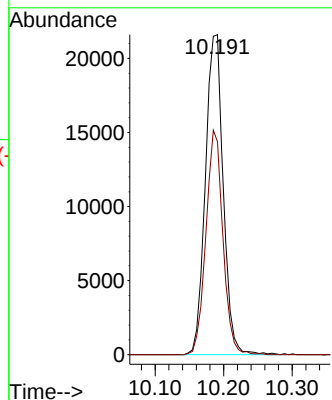
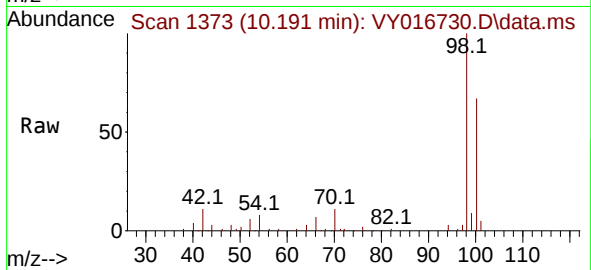
VIBLK

Tgt Ion: 98 Resp: 39206

Ion Ratio Lower Upper

98 100

100 66.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 58.827 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

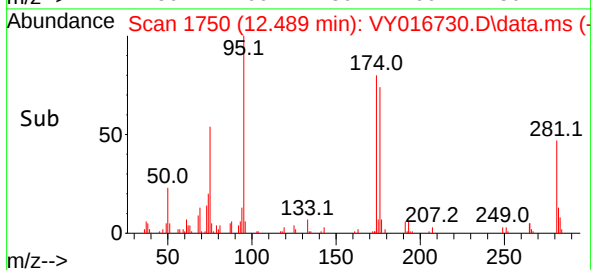
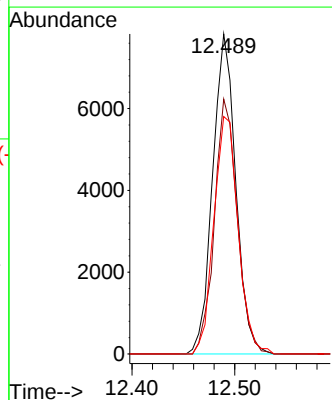
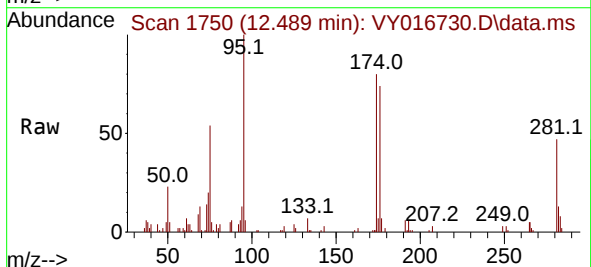
Tgt Ion: 95 Resp: 12244

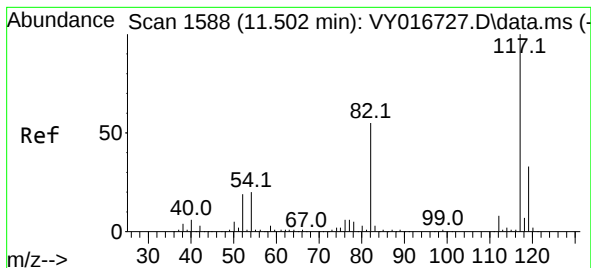
Ion Ratio Lower Upper

95 100

174 78.3 0.0 160.0

176 77.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

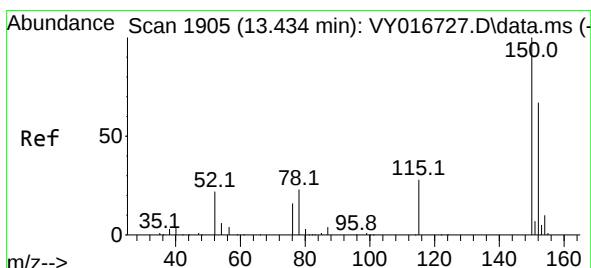
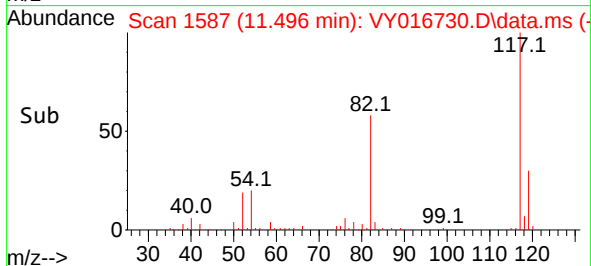
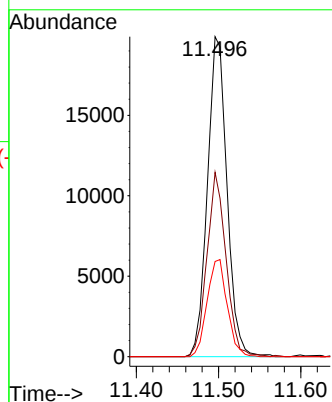
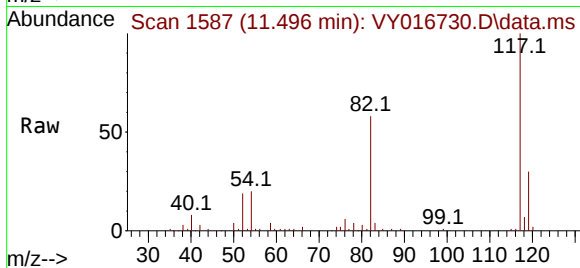
Tgt Ion:117 Resp: 32810

Ion Ratio Lower Upper

117 100

82 57.6 43.8 65.8

119 29.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016730.D

Acq: 20 Dec 2023 17:44

Tgt Ion:152 Resp: 11508

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 159.8 0.0 344.6

