

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
 Data File : VY017173.D
 Acq On : 01 Feb 2024 17:40
 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: Feb 02 01:00:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	86327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	184844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	183715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	69938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	43590	56.523	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.040%
35) Dibromofluoromethane	7.722	113	45105	45.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.380%
50) Toluene-d8	10.191	98	165630	45.581	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.160%
62) 4-Bromofluorobenzene	12.489	95	55294	46.451	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.900%

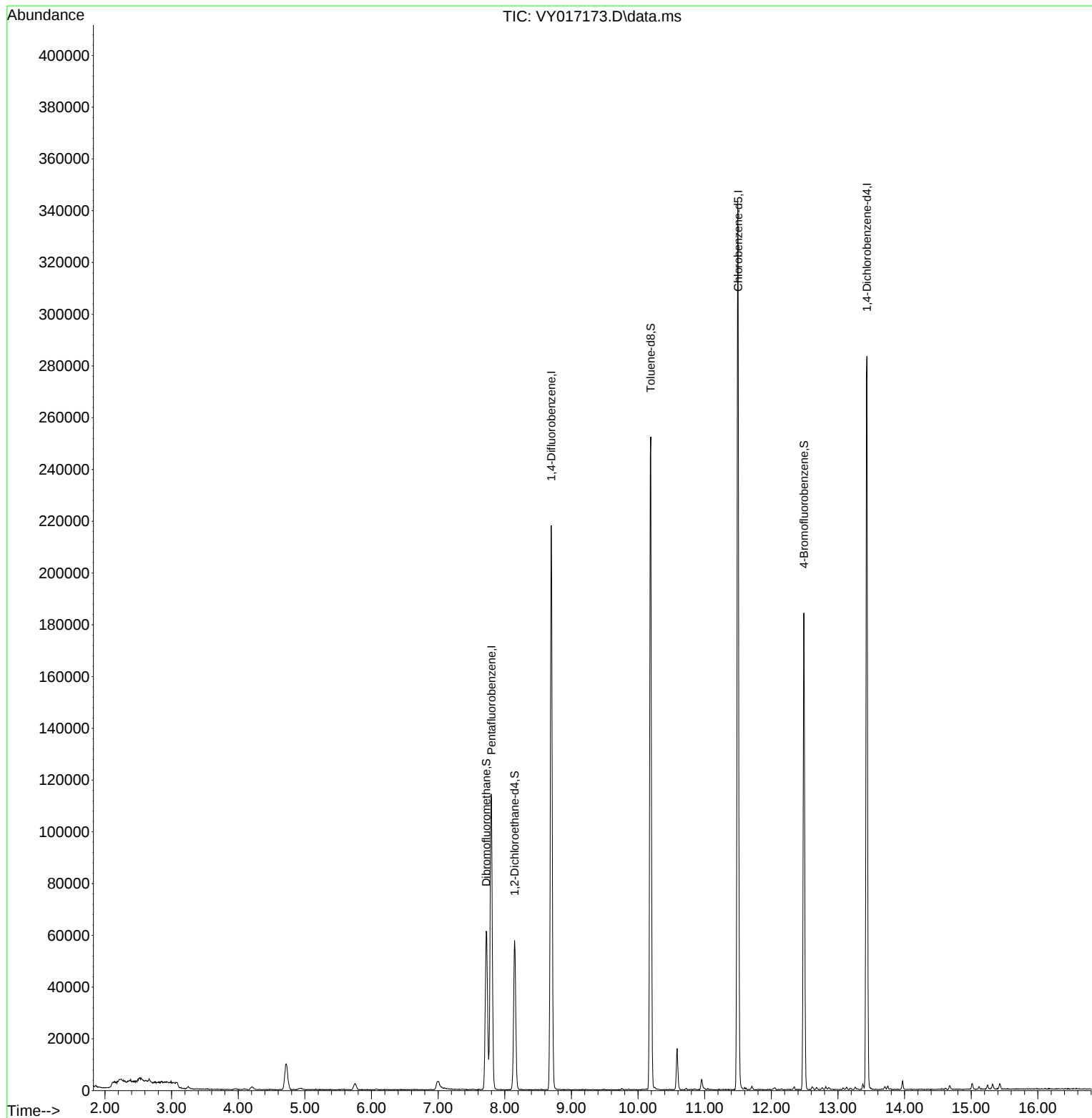
Target Compounds	Qvalue

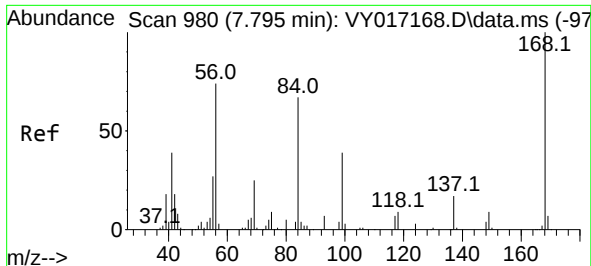
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020124\
Data File : VY017173.D
Acq On : 01 Feb 2024 17:40
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: Feb 02 01:00:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

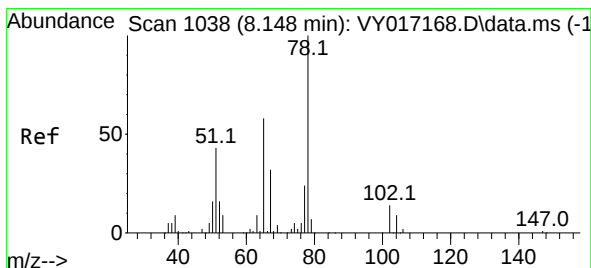
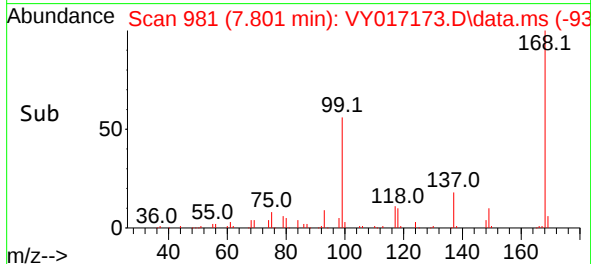
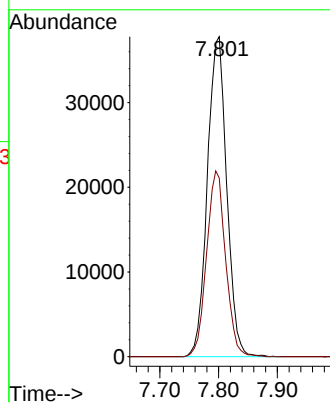
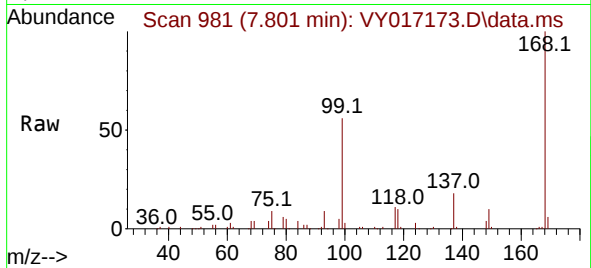




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017173.D
Acq: 01 Feb 2024 17:40

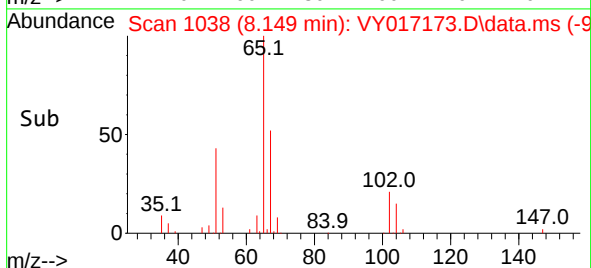
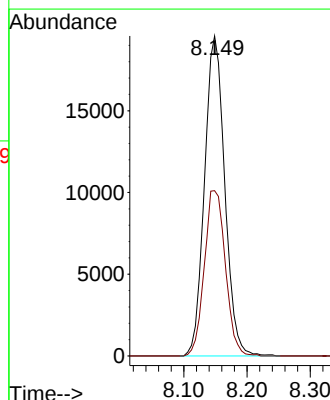
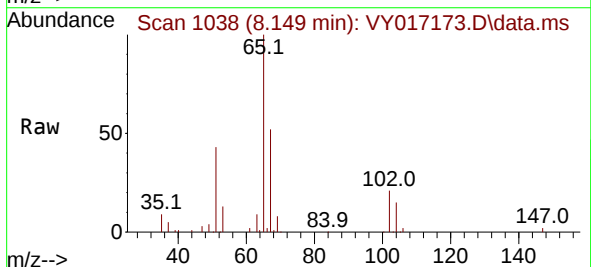
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

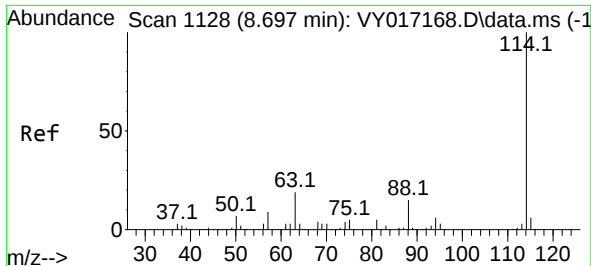
Tgt Ion:168 Resp: 86327
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.523 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017173.D
Acq: 01 Feb 2024 17:40

Tgt Ion: 65 Resp: 43590
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. 0.000 min

Lab File: VY017173.D

Acq: 01 Feb 2024 17:40

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

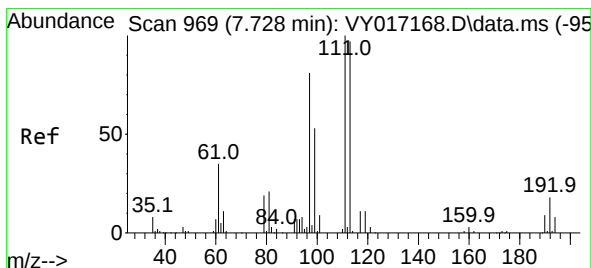
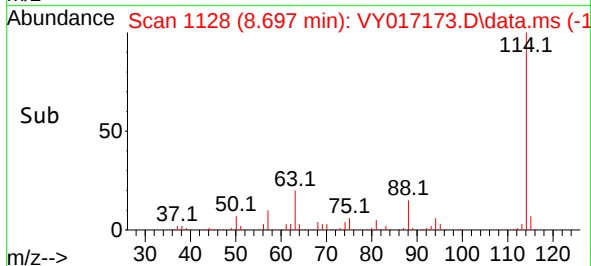
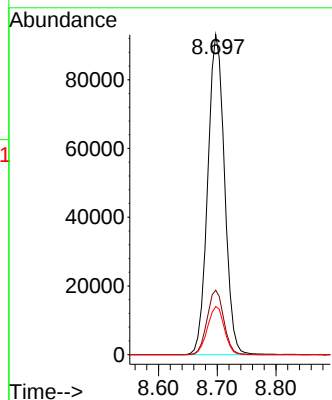
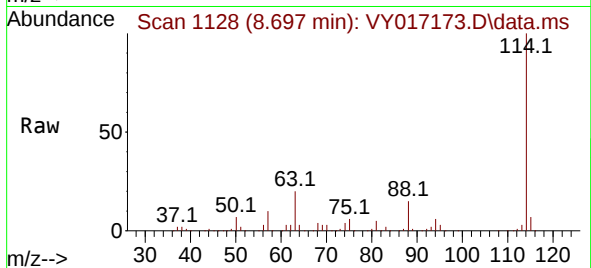
Tgt Ion:114 Resp: 184844

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 45.194 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017173.D

Acq: 01 Feb 2024 17:40

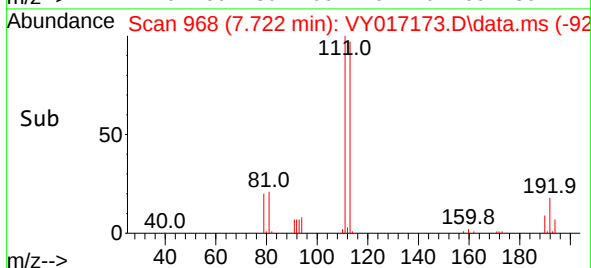
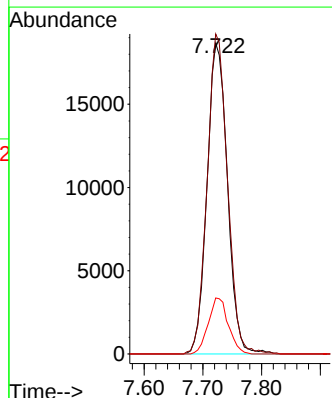
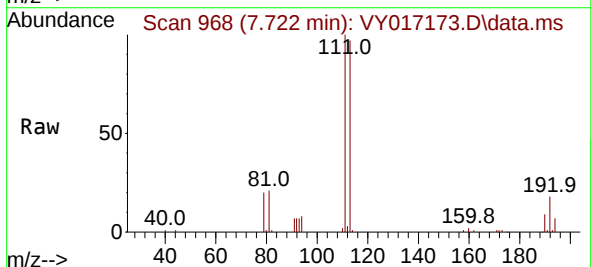
Tgt Ion:113 Resp: 45105

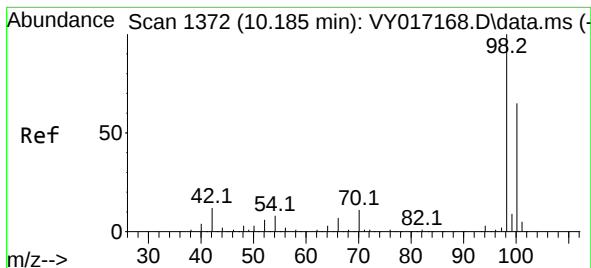
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 17.6 14.5 21.7





#50

Toluene-d8

Concen: 45.581 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017173.D

Acq: 01 Feb 2024 17:40

Instrument :

MSVOA_Y

ClientSampleId :

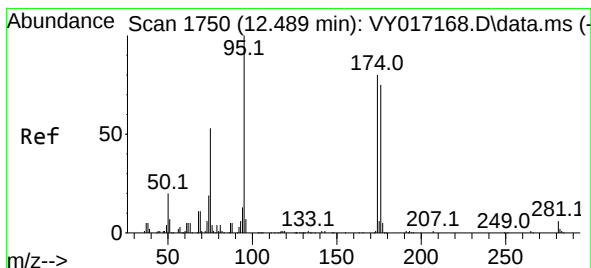
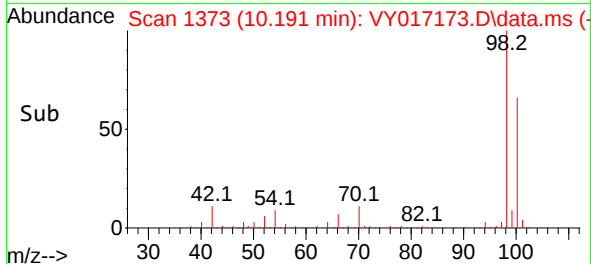
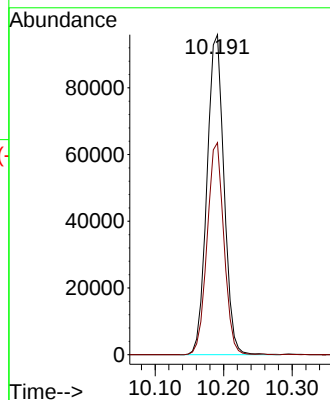
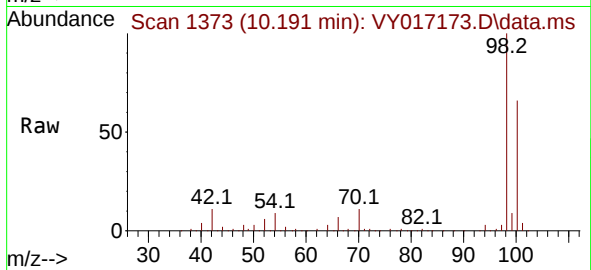
VIBLK

Tgt Ion: 98 Resp: 165630

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 46.451 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017173.D

Acq: 01 Feb 2024 17:40

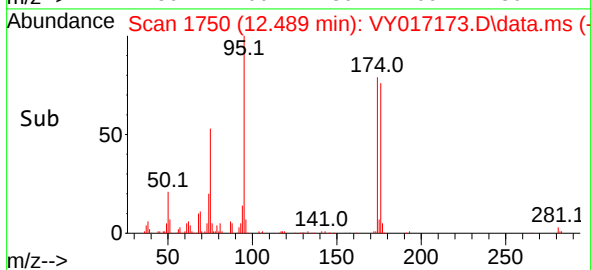
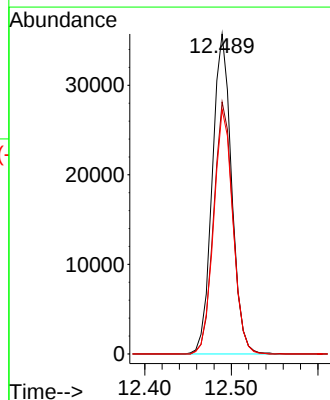
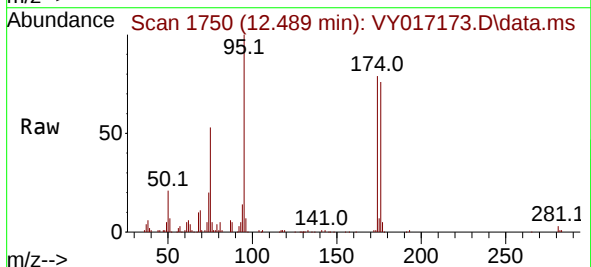
Tgt Ion: 95 Resp: 55294

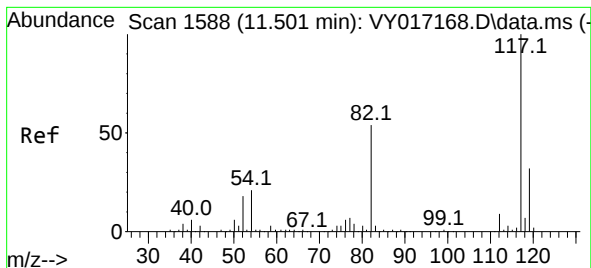
Ion Ratio Lower Upper

95 100

174 78.4 0.0 160.0

176 76.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017173.D

Acq: 01 Feb 2024 17:40

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

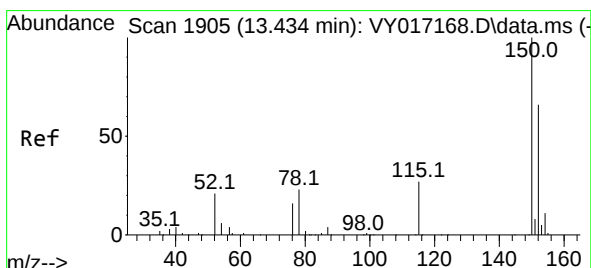
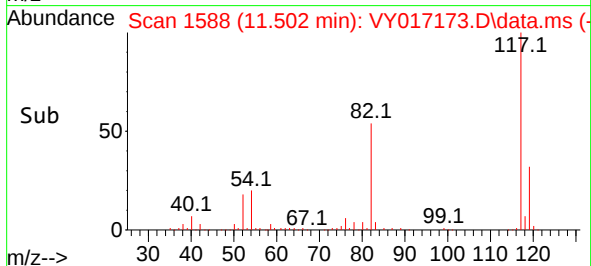
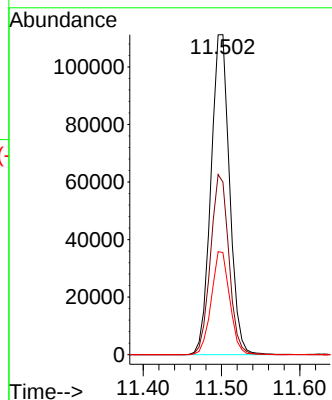
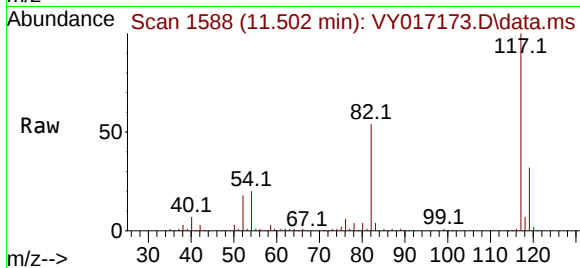
Tgt Ion:117 Resp: 183715

Ion Ratio Lower Upper

117 100

82 54.0 43.8 65.8

119 31.9 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: VY017173.D

Acq: 01 Feb 2024 17:40

Tgt Ion:152 Resp: 69938

Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 159.0 0.0 344.6

