

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017091.D
 Acq On : 24 Jan 2024 13:04
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 25 04:24:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:13:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	108962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	224140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	211939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	80731	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	49018	46.173	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.340%
35) Dibromofluoromethane	7.734	113	52357	38.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.400%
50) Toluene-d8	10.191	98	195674	38.296	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.600%
62) 4-Bromofluorobenzene	12.495	95	63873	40.580	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.160%

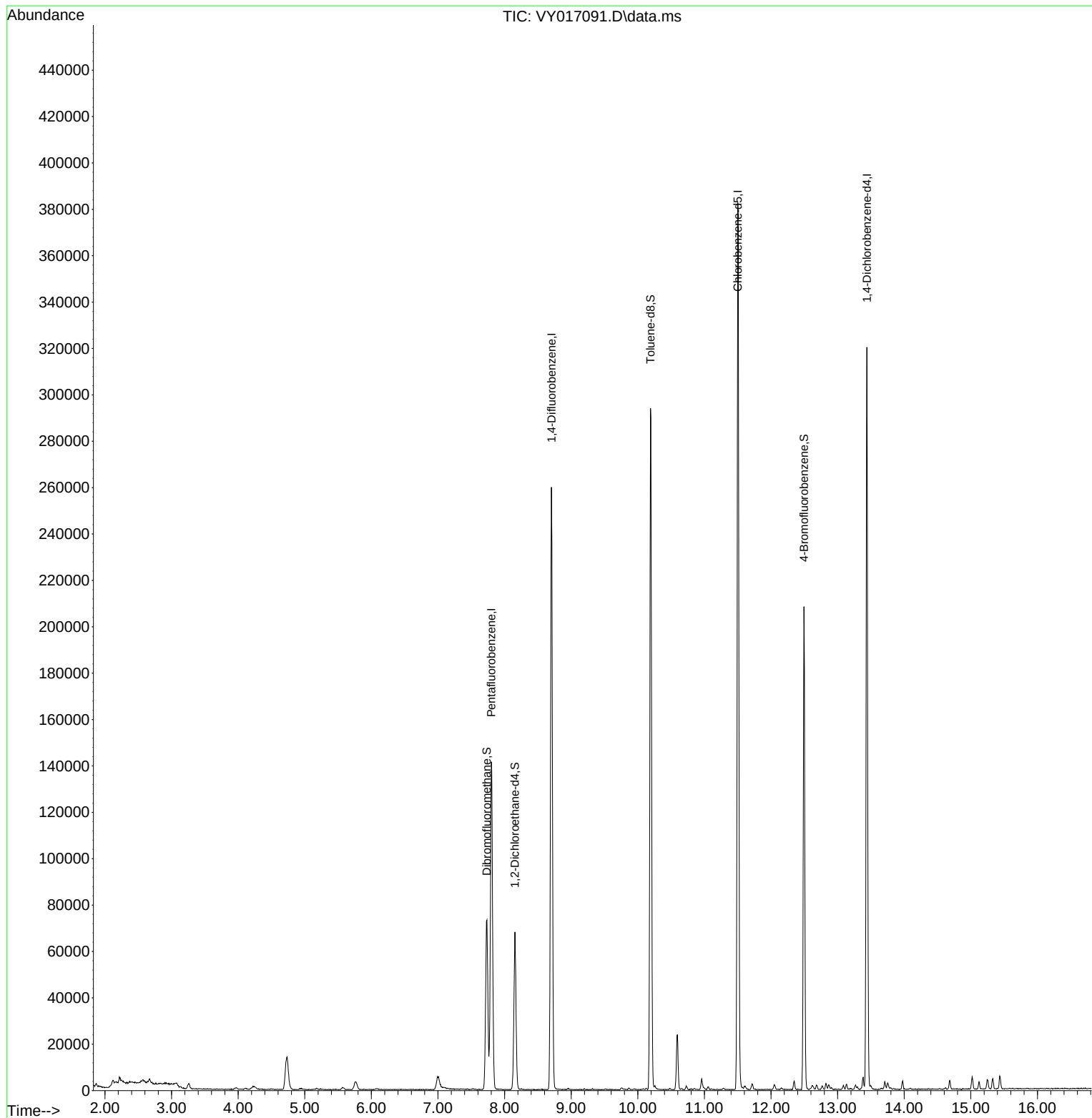
Target Compounds	Qvalue

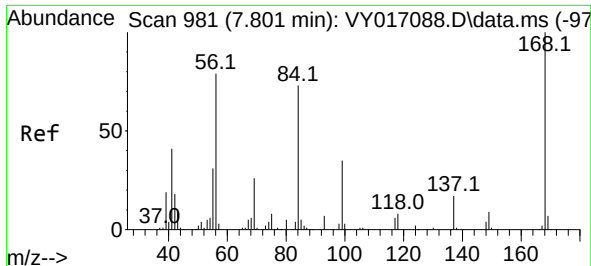
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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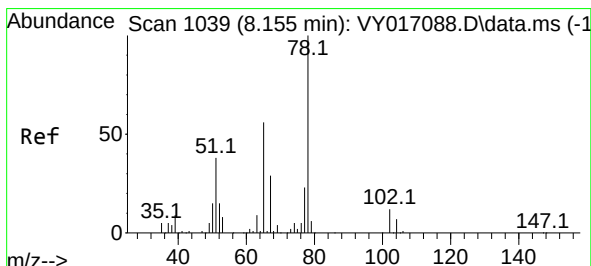
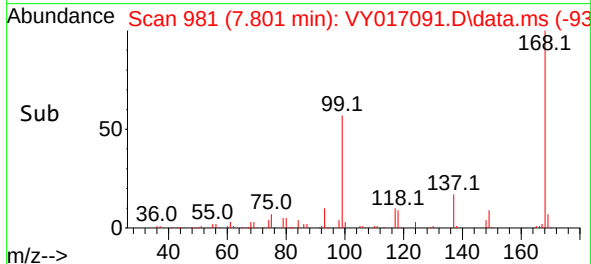
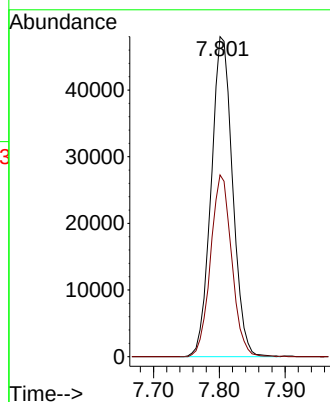
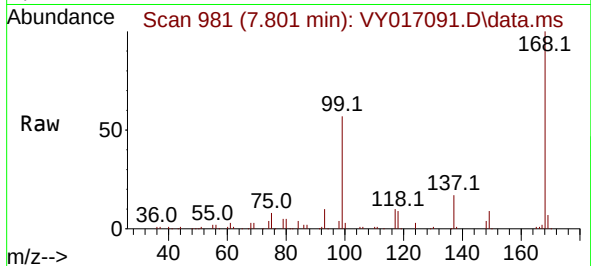




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017091.D
Acq: 24 Jan 2024 13:04

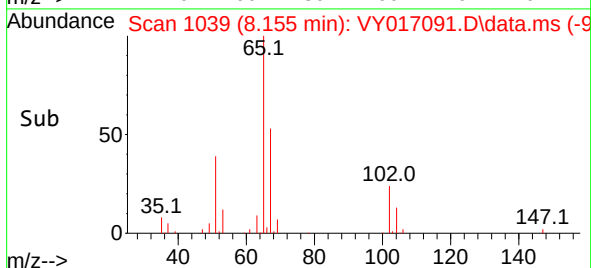
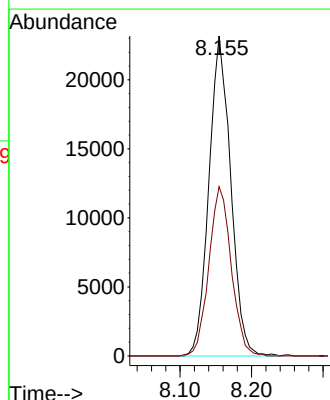
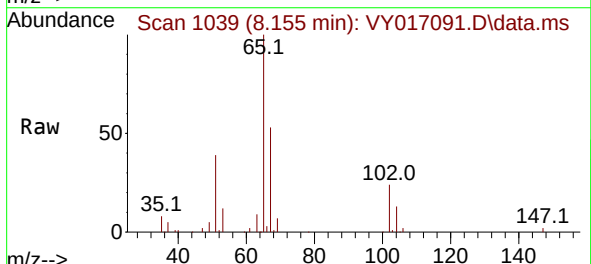
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

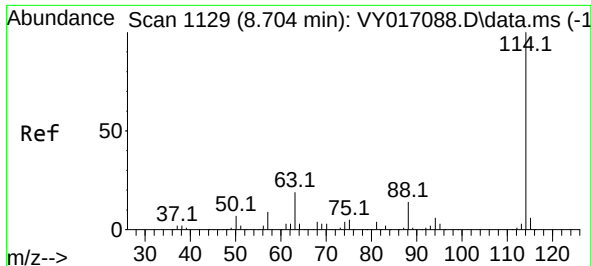
Tgt Ion:168 Resp: 108962
Ion Ratio Lower Upper
168 100
99 56.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 46.173 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY017091.D
Acq: 24 Jan 2024 13:04

Tgt Ion: 65 Resp: 49018
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0

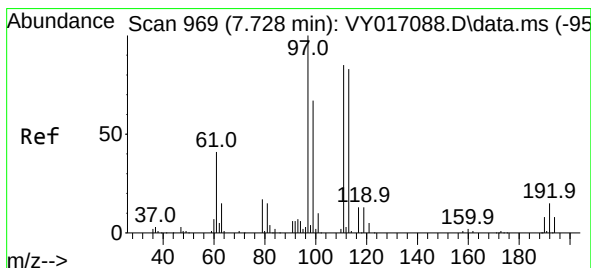
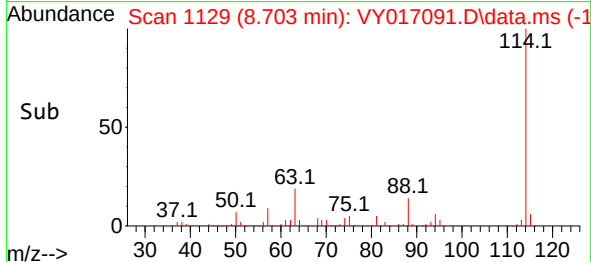
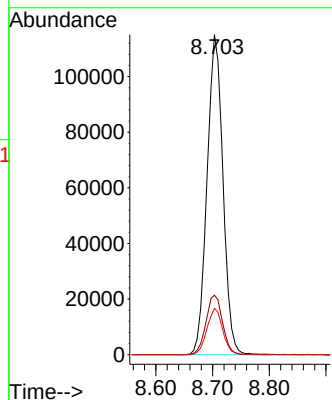
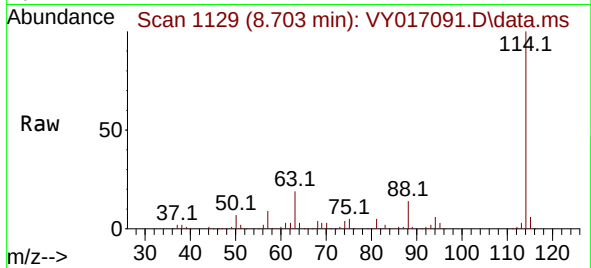




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY017091.D
Acq: 24 Jan 2024 13:04

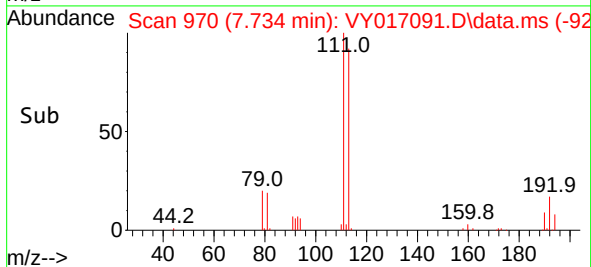
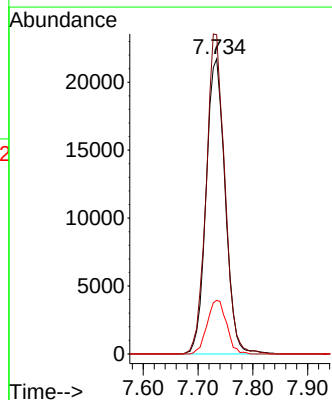
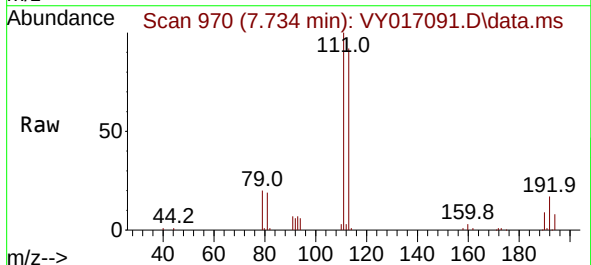
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

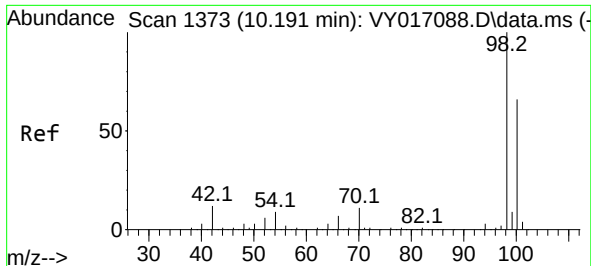
Tgt Ion:114 Resp: 224140
Ion Ratio Lower Upper
114 100
63 18.6 0.0 37.4
88 14.5 0.0 29.0



#35
Dibromofluoromethane
Concen: 38.703 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY017091.D
Acq: 24 Jan 2024 13:04

Tgt Ion:113 Resp: 52357
Ion Ratio Lower Upper
113 100
111 105.7 83.8 125.6
192 18.5 14.5 21.7

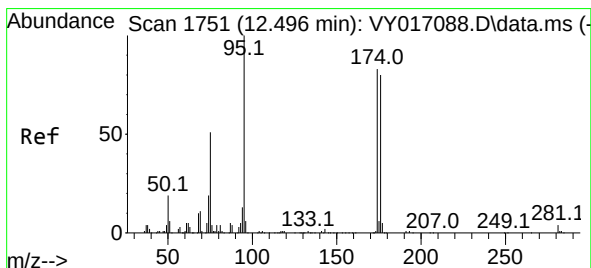
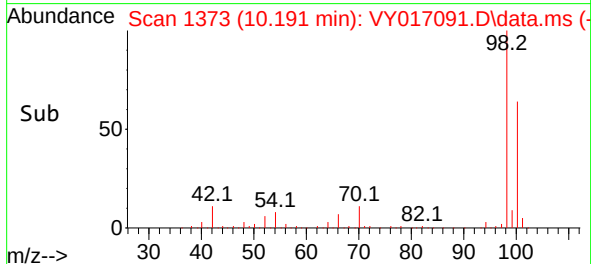
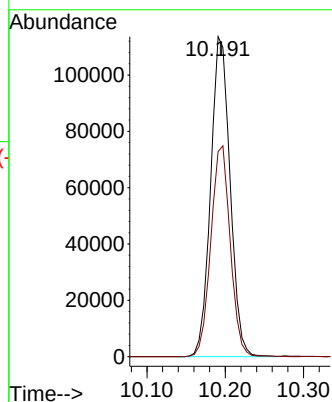
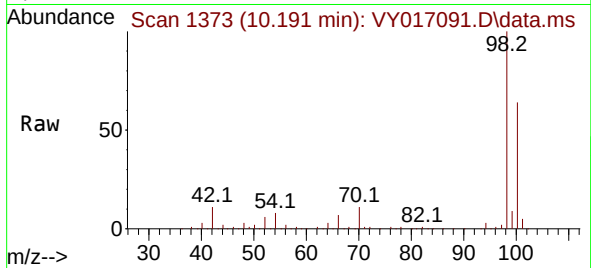




#50
Toluene-d8
Concen: 38.296 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY017091.D
Acq: 24 Jan 2024 13:04

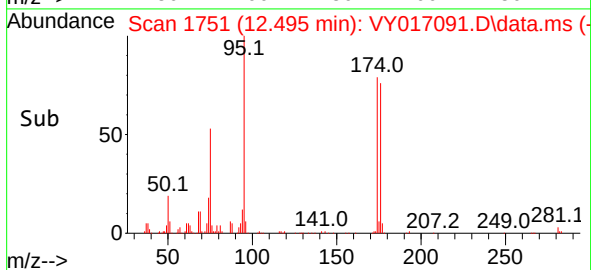
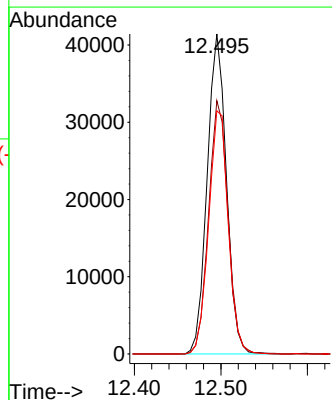
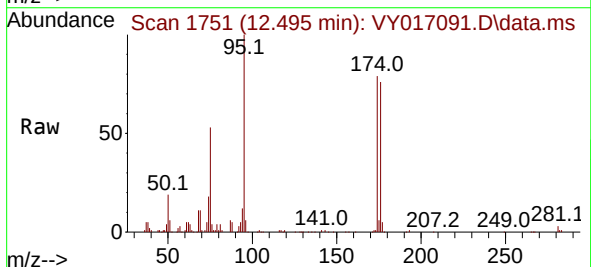
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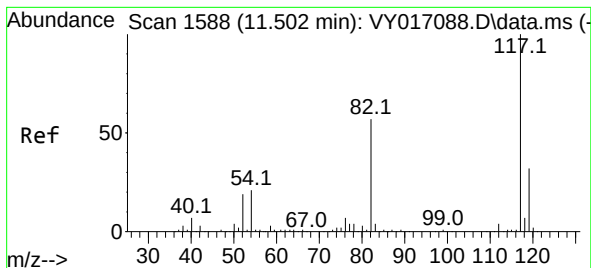
Tgt Ion: 98 Resp: 195674
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 40.580 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017091.D
Acq: 24 Jan 2024 13:04

Tgt Ion: 95 Resp: 63873
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.0
176 77.3 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: VY017091.D

Acq: 24 Jan 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

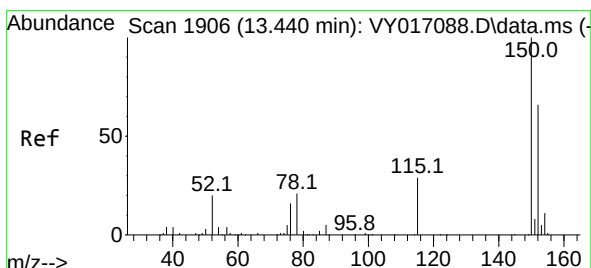
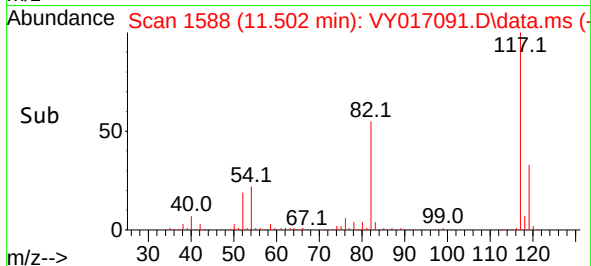
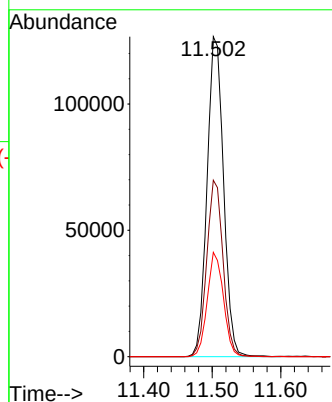
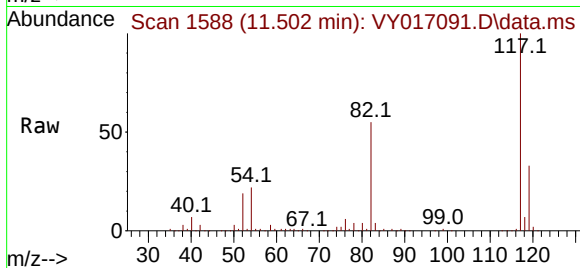
Tgt Ion:117 Resp: 211939

Ion Ratio Lower Upper

117 100

82 55.1 43.8 65.8

119 32.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017091.D

Acq: 24 Jan 2024 13:04

Tgt Ion:152 Resp: 80731

Ion Ratio Lower Upper

152 100

115 58.5 30.0 90.0

150 155.4 0.0 344.6

