

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021097.D
 Acq On : 05 Feb 2025 18:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 06 00:58:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	281398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	502920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	475419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	210055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	146556	50.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.660%
35) Dibromofluoromethane	7.634	113	159201	49.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.780%
50) Toluene-d8	10.109	98	608772	49.613	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.408	95	216522	54.013	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.020%

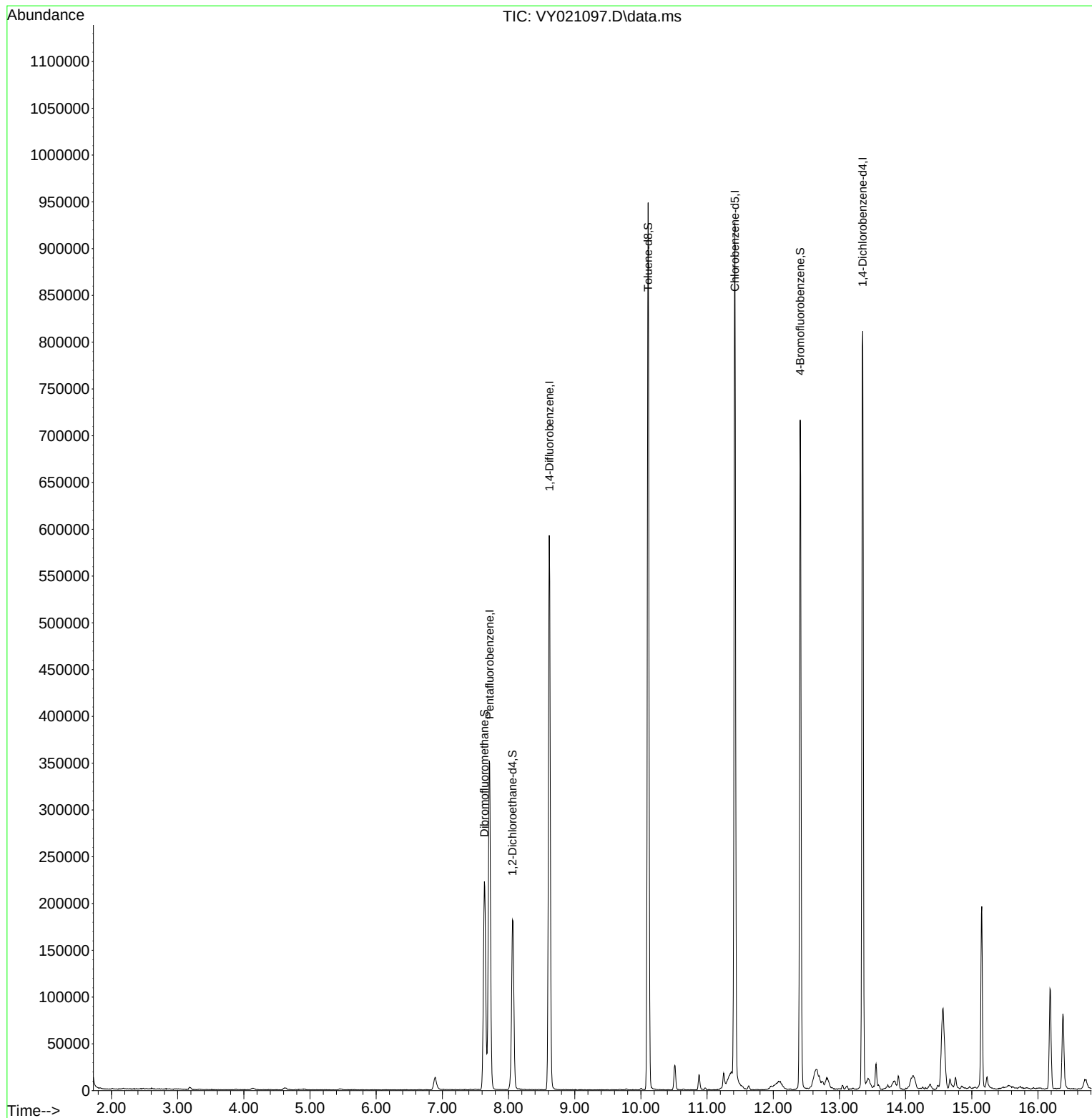
Target Compounds	Qvalue

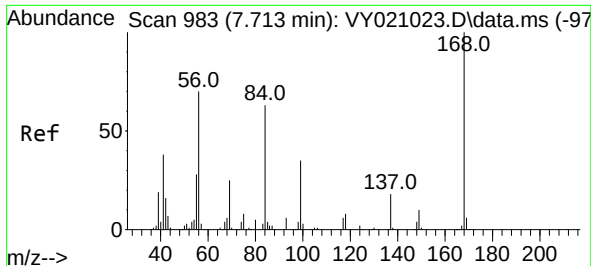
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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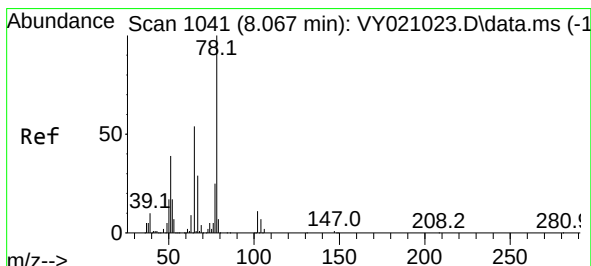
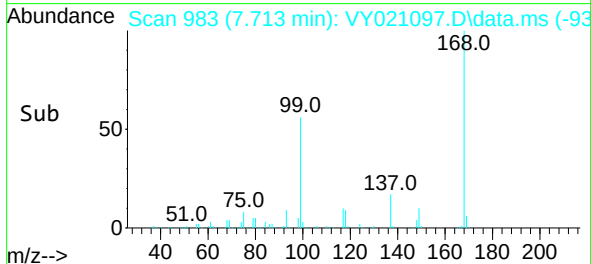
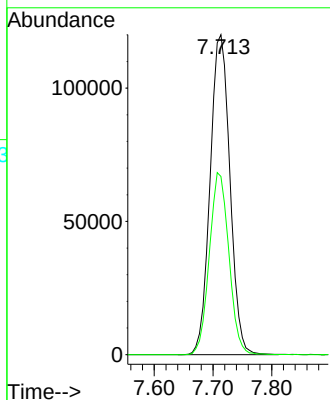
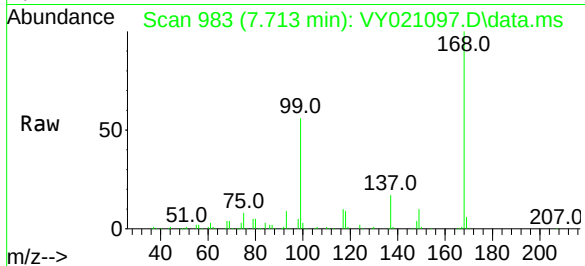




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

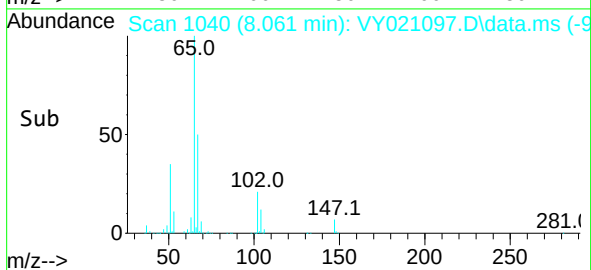
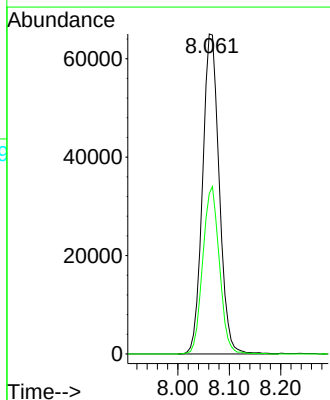
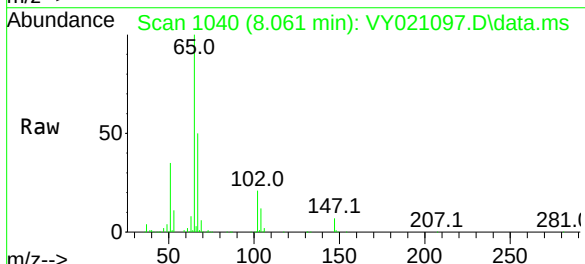
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

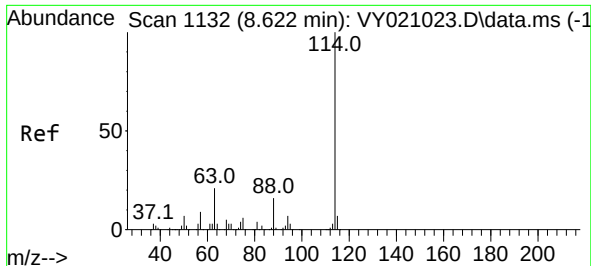
Tgt Ion:168 Resp: 281398
Ion Ratio Lower Upper
168 100
99 55.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 50.832 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

Tgt Ion: 65 Resp: 146556
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.0

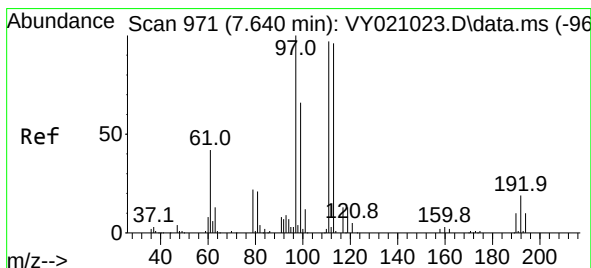
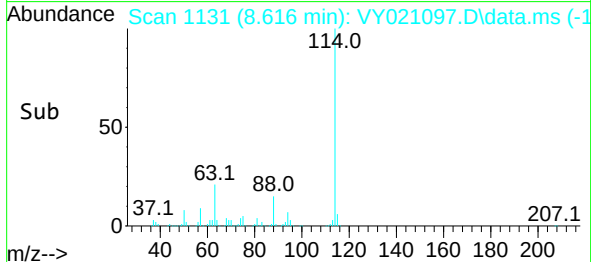
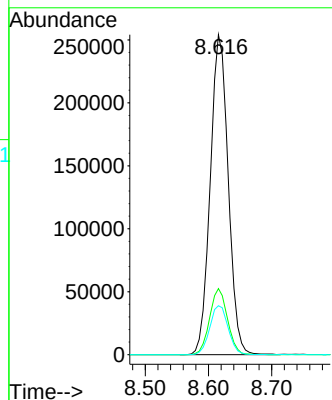
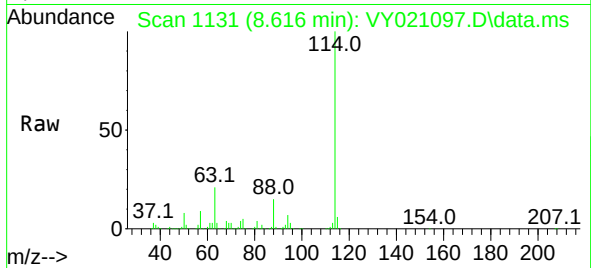




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

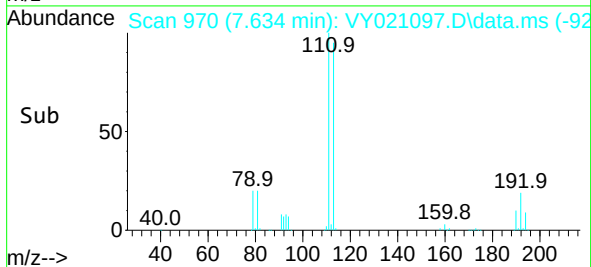
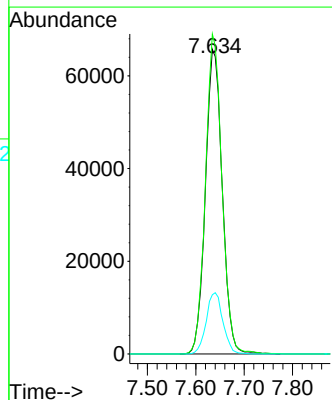
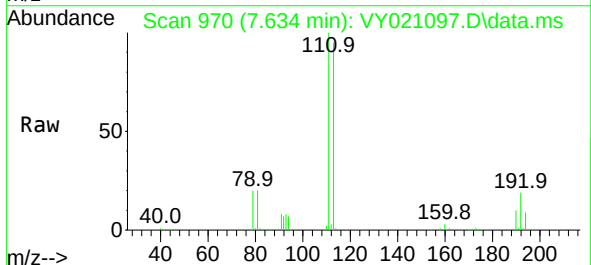
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

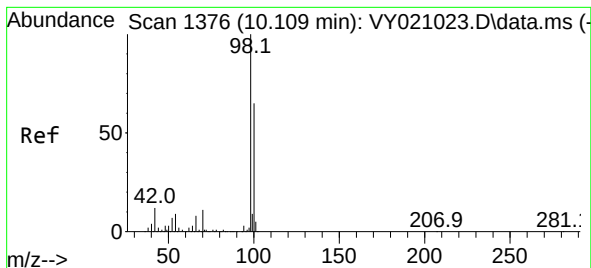
Tgt Ion:114 Resp: 502920
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 15.3 0.0 29.0



#35
Dibromofluoromethane
Concen: 49.395 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

Tgt Ion:113 Resp: 159201
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 19.9 14.5 21.7

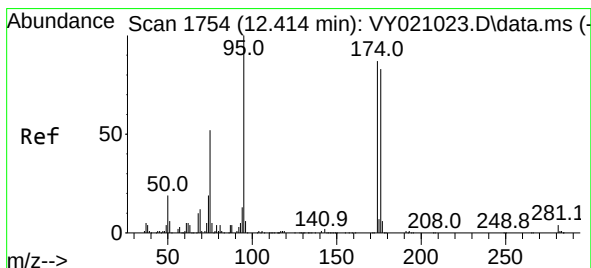
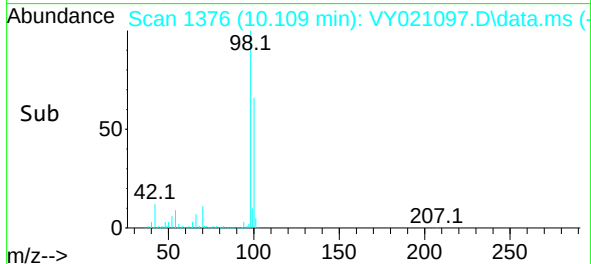
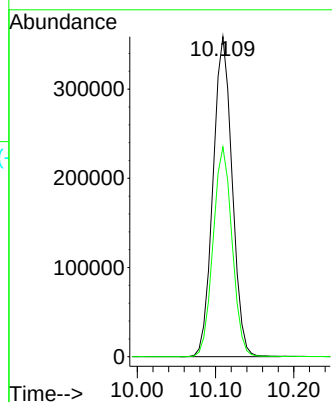
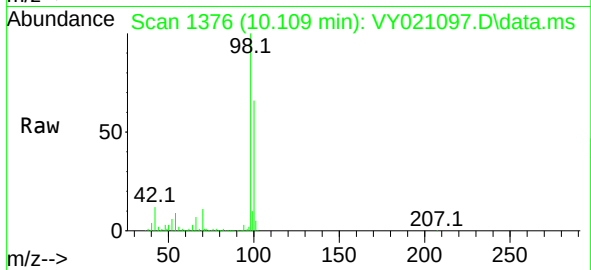




#50
Toluene-d8
Concen: 49.613 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

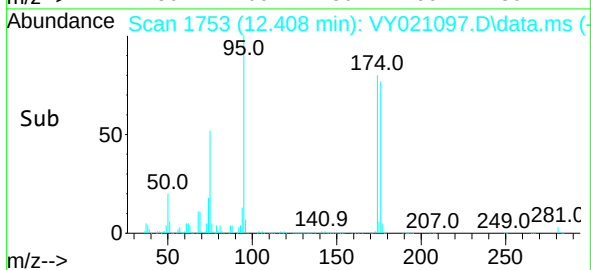
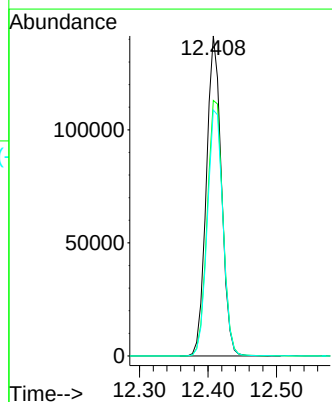
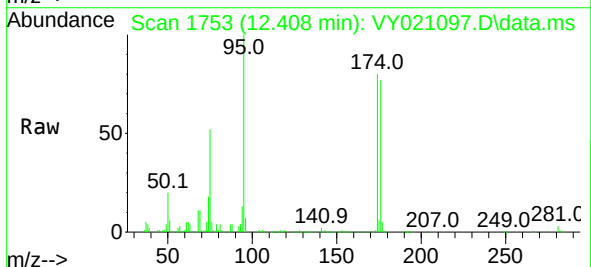
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

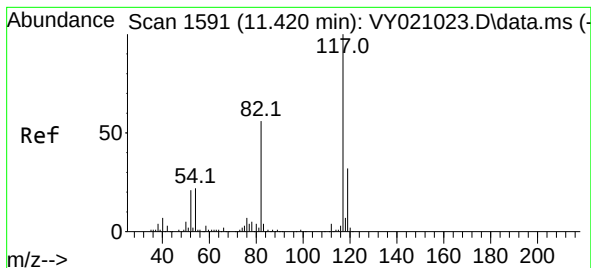
Tgt Ion: 98 Resp: 608772
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 54.013 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021097.D
Acq: 05 Feb 2025 18:32

Tgt Ion: 95 Resp: 216522
Ion Ratio Lower Upper
95 100
174 83.3 0.0 160.0
176 79.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.000 min

Lab File: VY021097.D

Acq: 05 Feb 2025 18:32

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

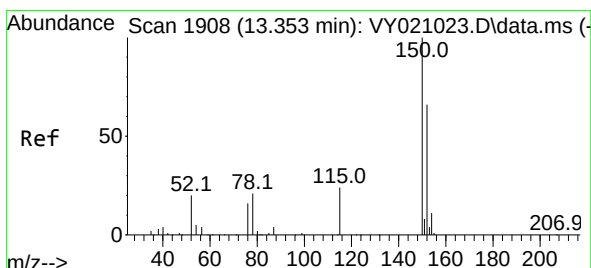
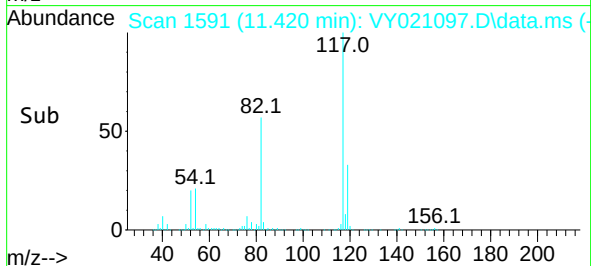
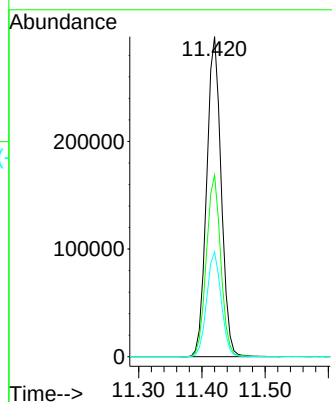
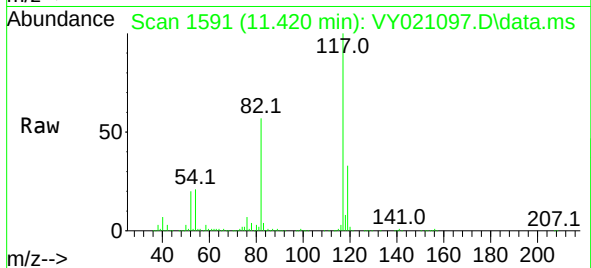
Tgt Ion:117 Resp: 475419

Ion Ratio Lower Upper

117 100

82 56.7 43.8 65.8

119 32.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021097.D

Acq: 05 Feb 2025 18:32

Tgt Ion:152 Resp: 210055

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 155.4 0.0 344.6

