

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021003.D
 Acq On : 31 Jan 2025 11:46
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 31 22:23:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	235064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	411416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	366768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	149862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	122005	60.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.920%
35) Dibromofluoromethane	7.634	113	130277	52.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.340%
50) Toluene-d8	10.109	98	476887	49.399	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.408	95	156246	48.234	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	96.460%

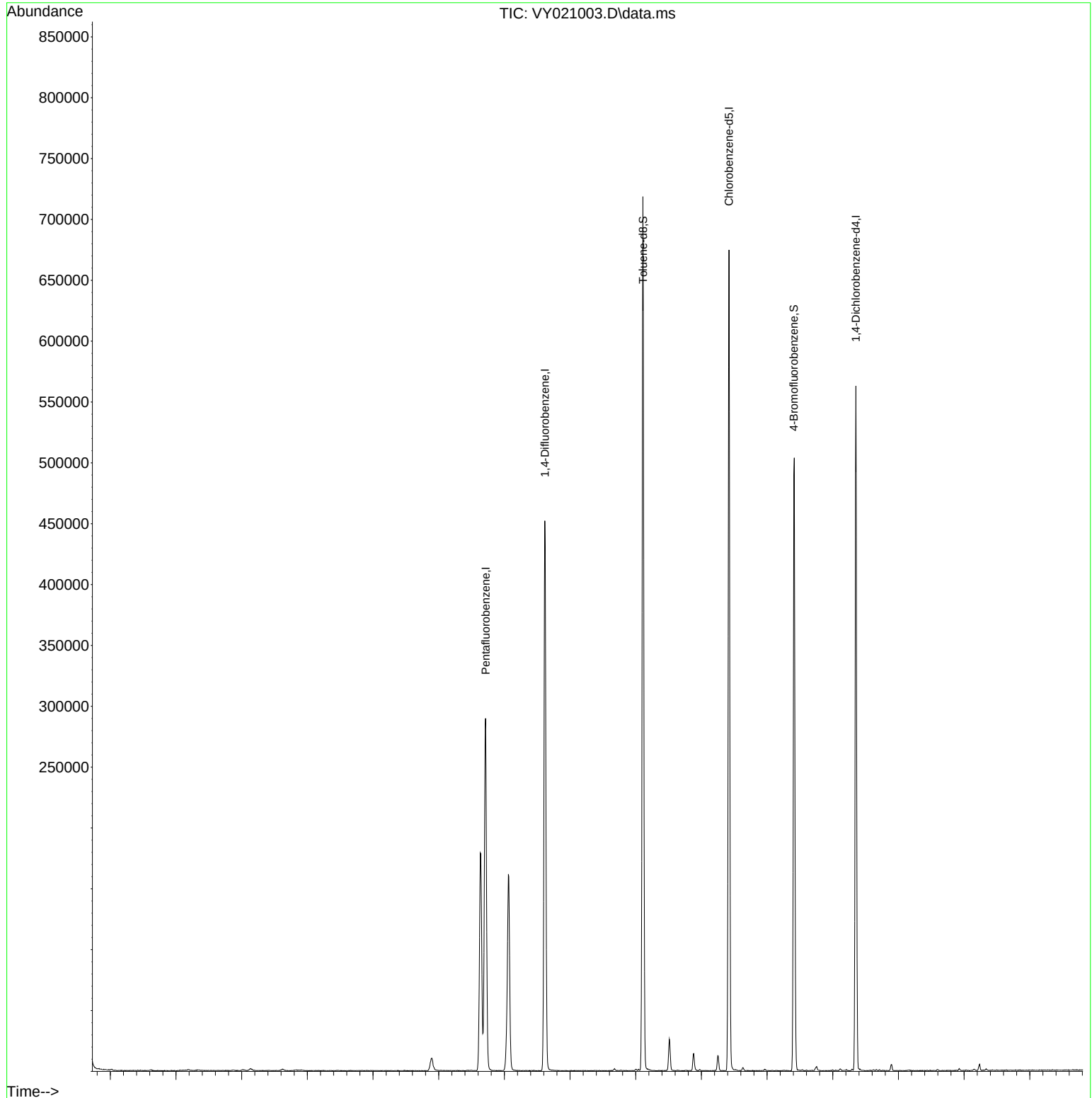
Target Compounds Qvalue

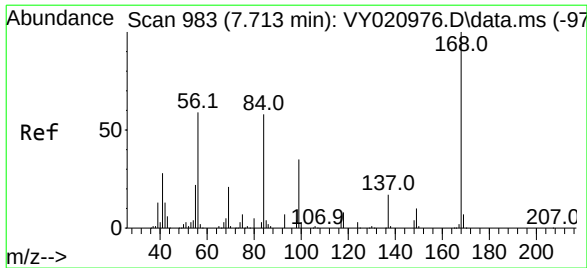
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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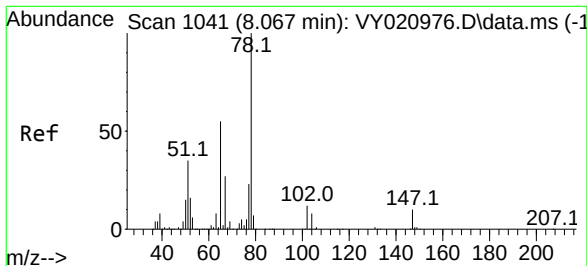
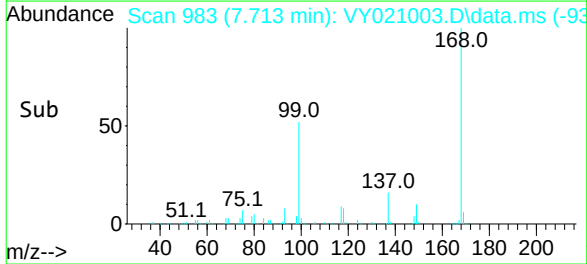
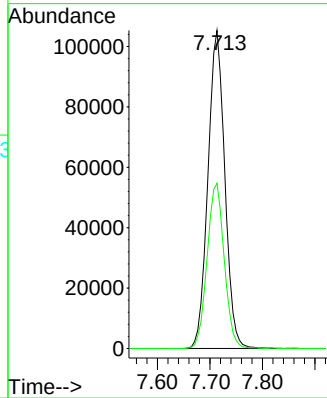
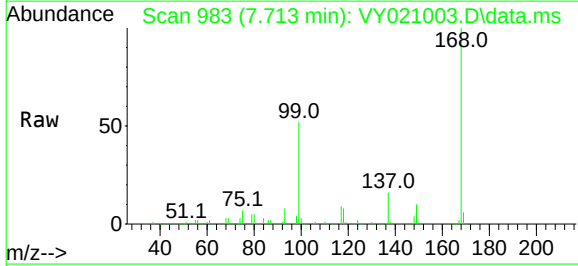




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

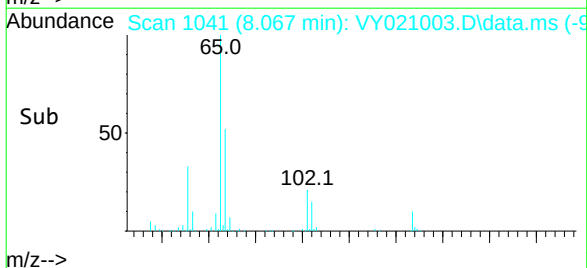
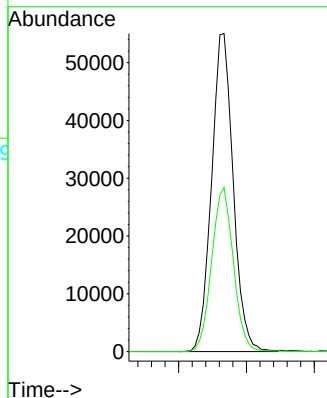
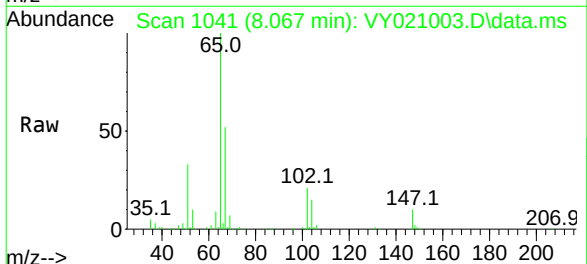
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

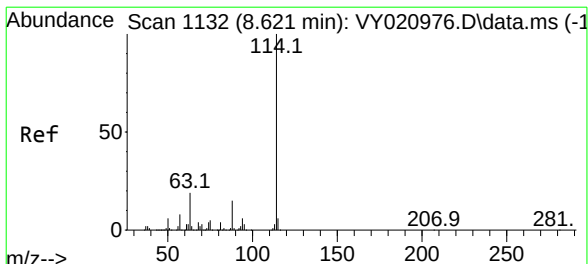
Tgt Ion:168 Resp: 235064
Ion Ratio Lower Upper
168 100
99 51.9 42.2 63.2



#33
1,2-Dichloroethane-d4
Concen: 60.961 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021003.D
Acq: 31 Jan 2025 11:46

Tgt Ion: 65 Resp: 122005
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.4

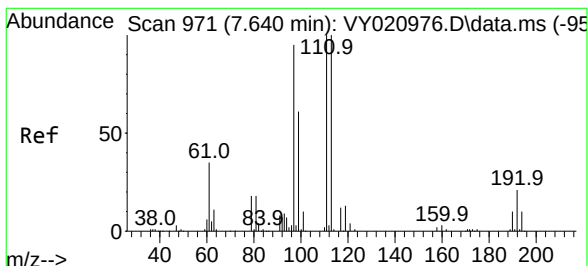
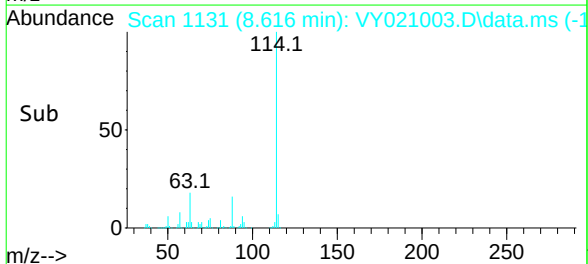
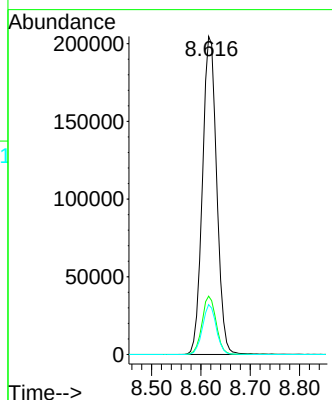
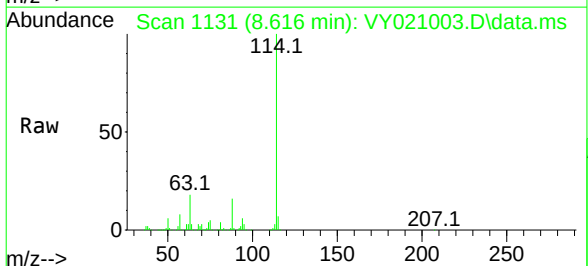




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY021003.D
 Acq: 31 Jan 2025 11:46

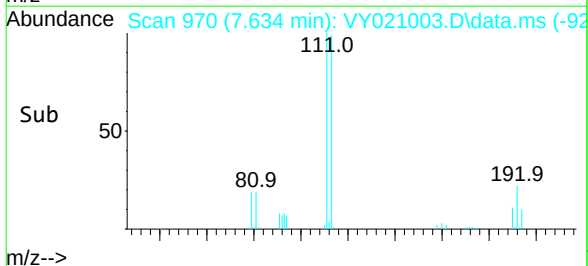
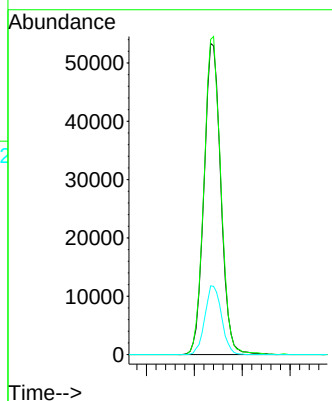
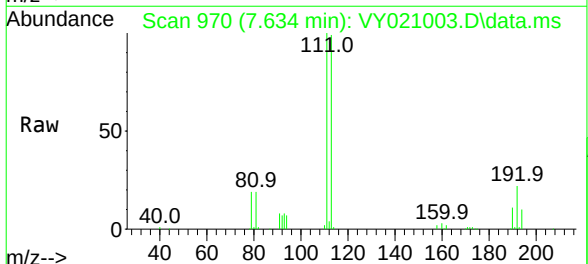
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

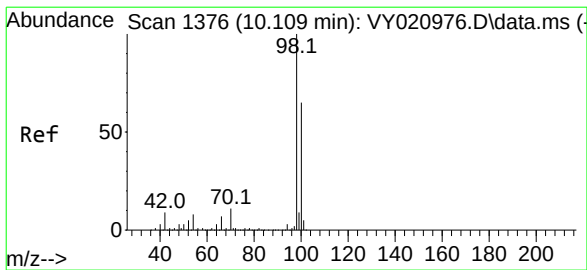
Tgt Ion:	114	Resp:	411416
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	37.2
88	15.7	0.0	29.6



#35
 Dibromofluoromethane
 Concen: 52.672 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. -0.006 min
 Lab File: VY021003.D
 Acq: 31 Jan 2025 11:46

Tgt Ion:	113	Resp:	130277
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	21.9	16.8	25.2





#50

Toluene-d8

Concen: 49.399 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021003.D

Acq: 31 Jan 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

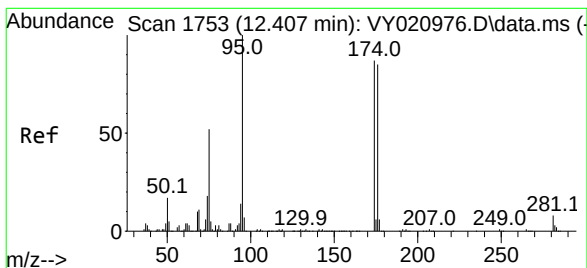
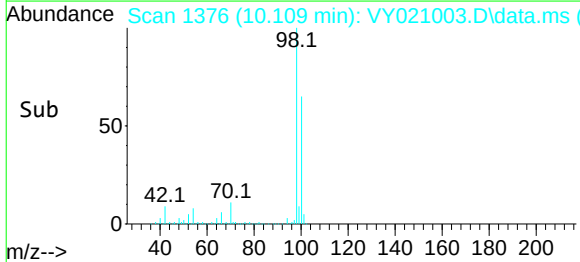
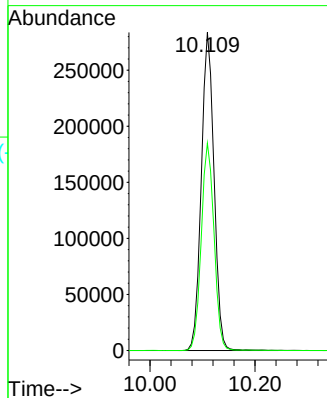
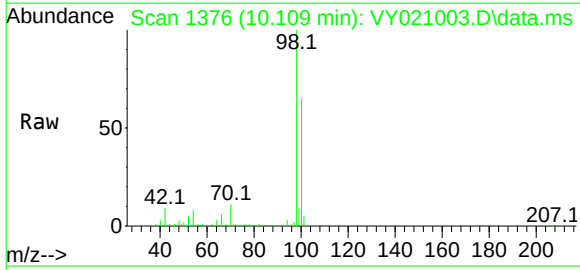
VIBLK

Tgt Ion: 98 Resp: 476887

Ion Ratio Lower Upper

98 100

100 65.6 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 48.234 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021003.D

Acq: 31 Jan 2025 11:46

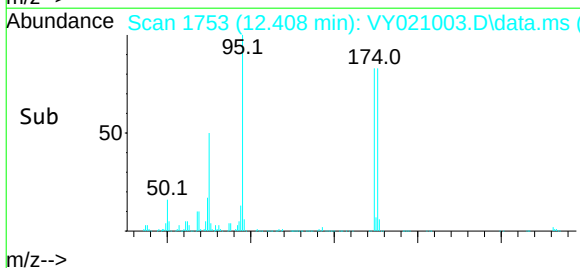
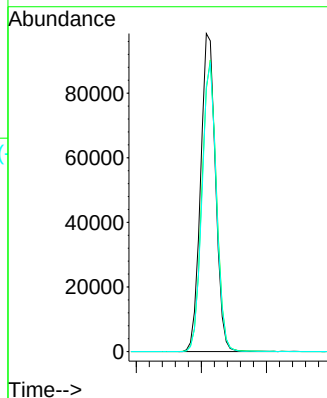
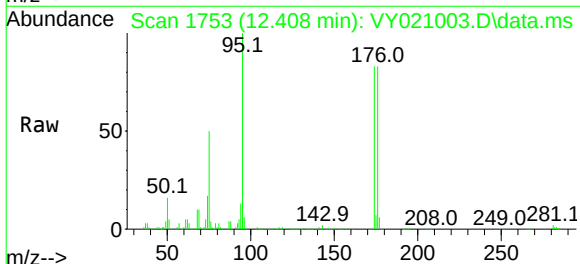
Tgt Ion: 95 Resp: 156246

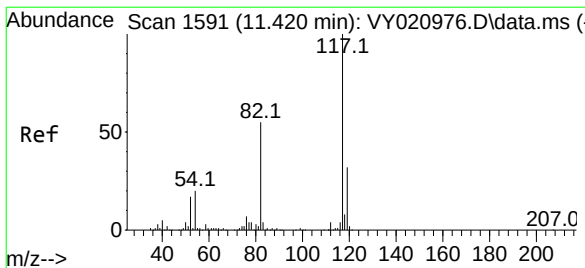
Ion Ratio Lower Upper

95 100

174 89.6 0.0 181.2

176 87.7 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021003.D

Acq: 31 Jan 2025 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

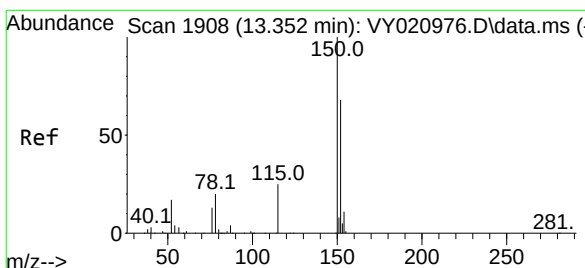
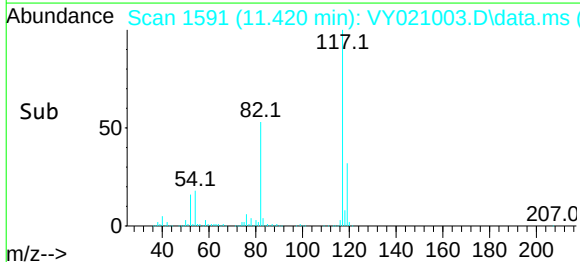
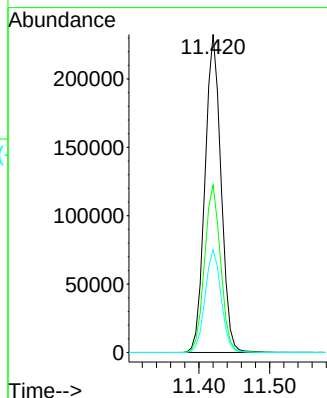
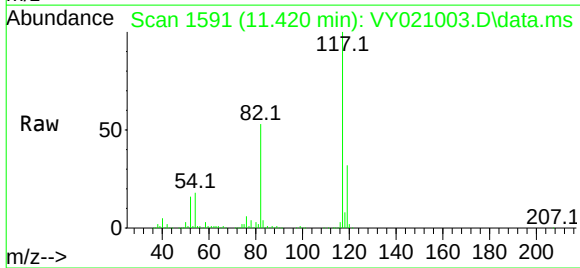
Tgt Ion:117 Resp: 366768

Ion Ratio Lower Upper

117 100

82 52.6 44.2 66.2

119 32.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY021003.D

Acq: 31 Jan 2025 11:46

Tgt Ion:152 Resp: 149862

Ion Ratio Lower Upper

152 100

115 56.5 28.4 85.2

150 156.8 0.0 342.8

