

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020831.D
 Acq On : 15 Jan 2025 12:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 16 00:58:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	200947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	349203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	296537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	114066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	99550	58.285	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.580%
35) Dibromofluoromethane	7.646	113	108692	49.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.360%
50) Toluene-d8	10.115	98	404468	53.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.060%
62) 4-Bromofluorobenzene	12.414	95	119901	42.574	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.140%

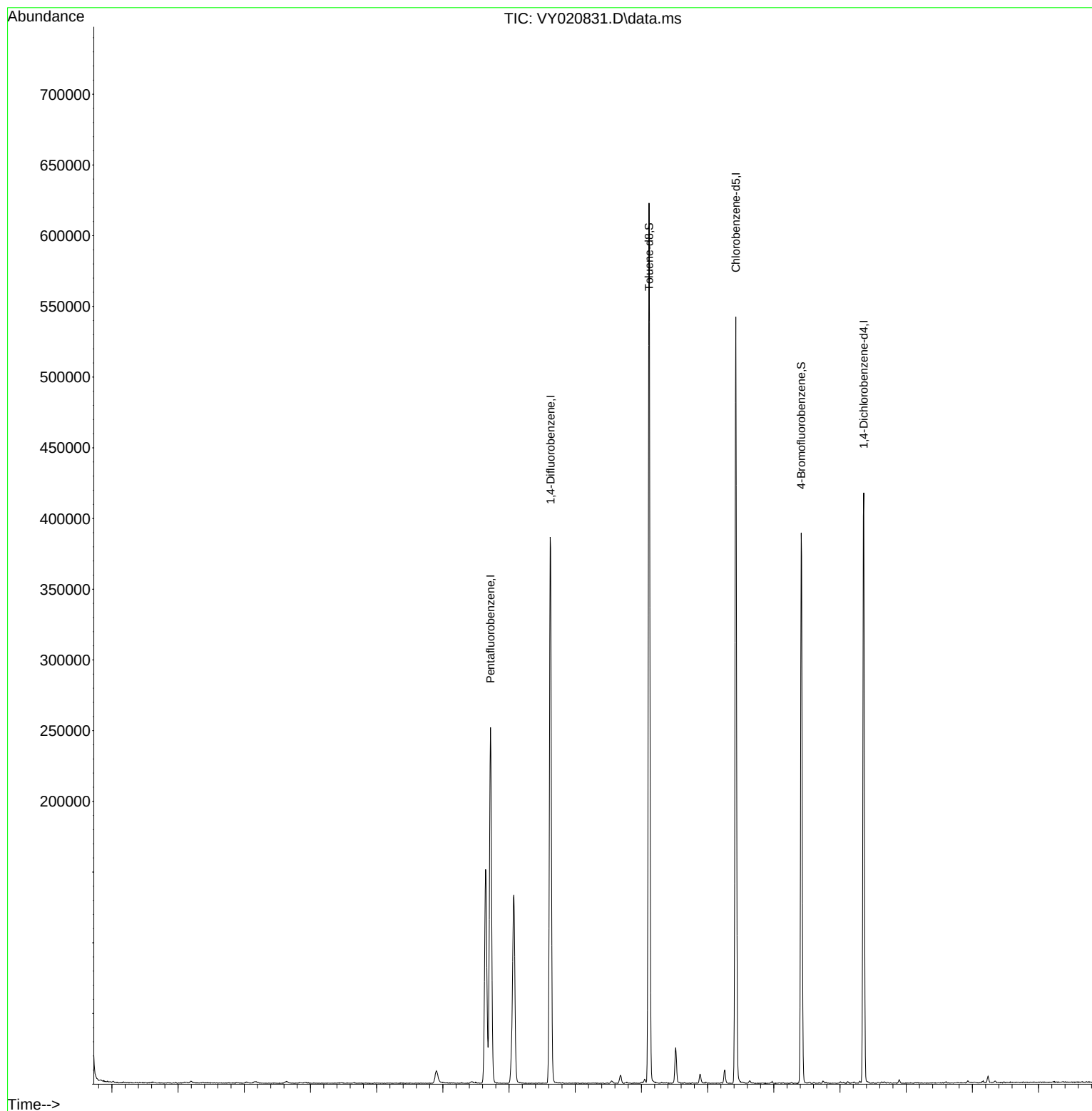
Target Compounds Qvalue

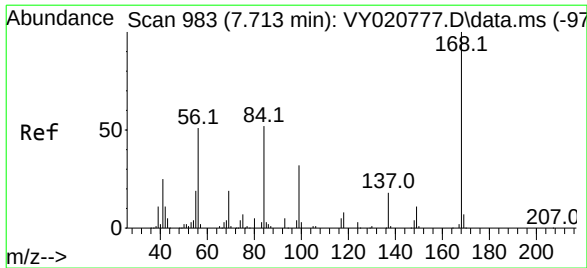
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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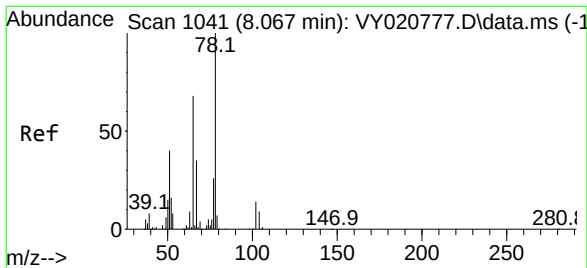
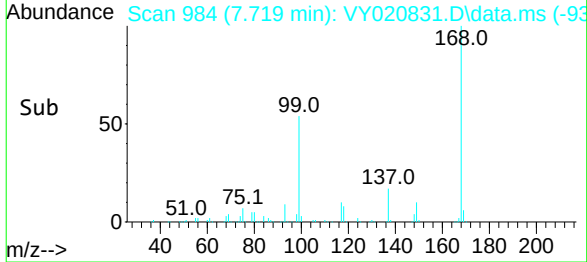
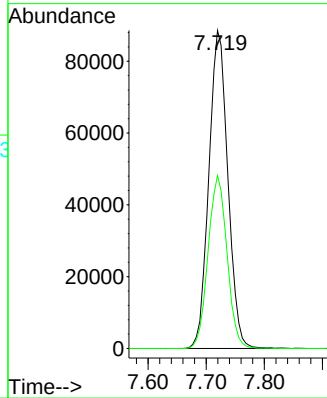
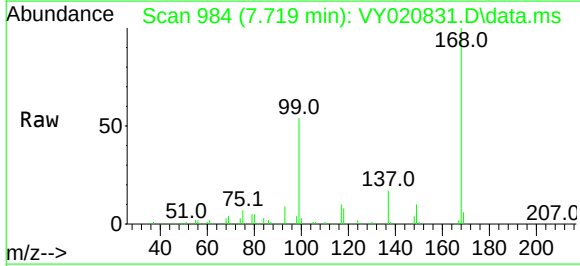




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020831.D
Acq: 15 Jan 2025 12:14

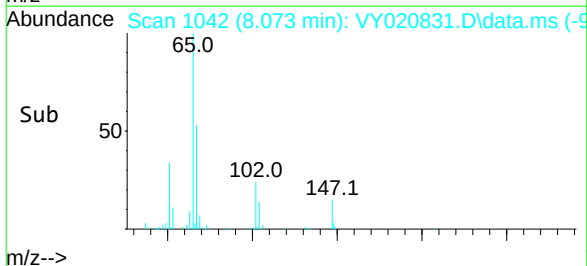
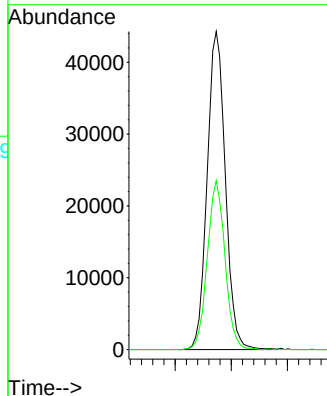
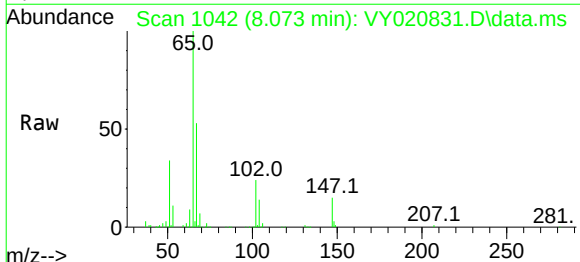
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

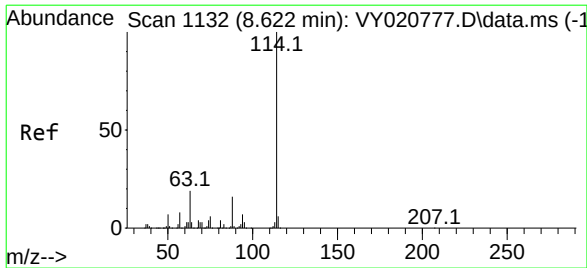
Tgt Ion:168 Resp: 200947
Ion Ratio Lower Upper
168 100
99 54.4 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 58.285 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020831.D
Acq: 15 Jan 2025 12:14

Tgt Ion: 65 Resp: 99550
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.8

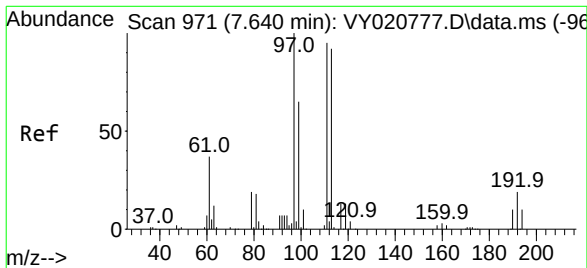
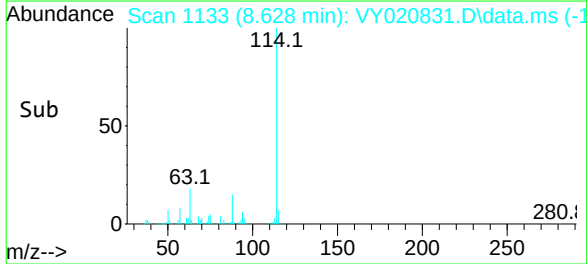
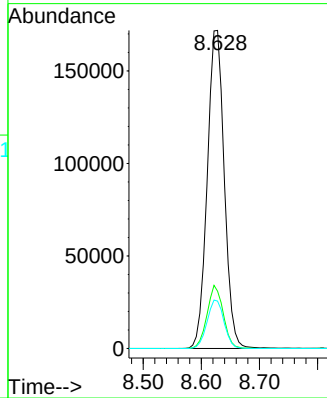
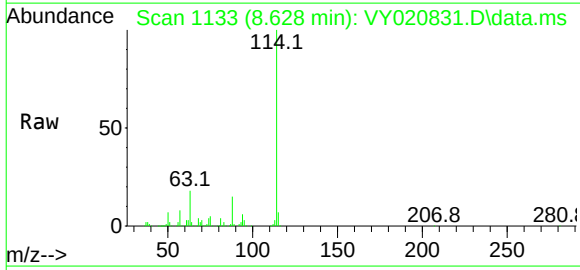




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VY020831.D
Acq: 15 Jan 2025 12:14

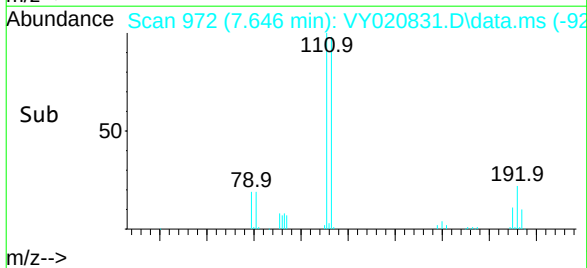
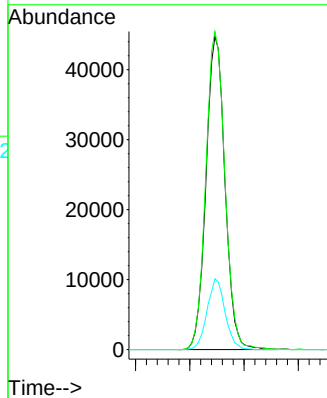
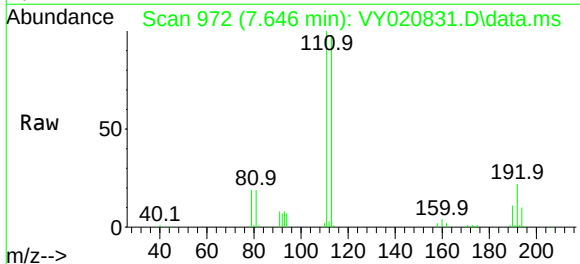
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

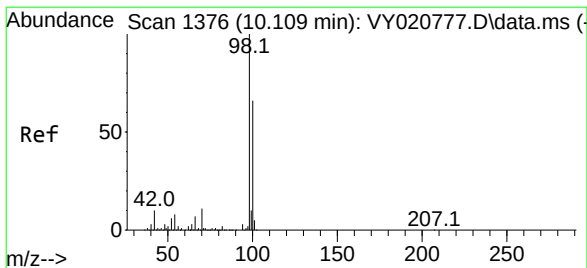
Tgt Ion:	114	Resp:	349203
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.4
88	14.9	0.0	31.2



#35
Dibromofluoromethane
Concen: 49.683 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY020831.D
Acq: 15 Jan 2025 12:14

Tgt Ion:	113	Resp:	108692
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.7	122.5
192	21.4	16.7	25.1





#50

Toluene-d8

Concen: 53.035 ug/l

RT: 10.115 min Scan# 13

Delta R.T. 0.006 min

Lab File: VY020831.D

Acq: 15 Jan 2025 12:14

Instrument :

MSVOA_Y

ClientSampleId :

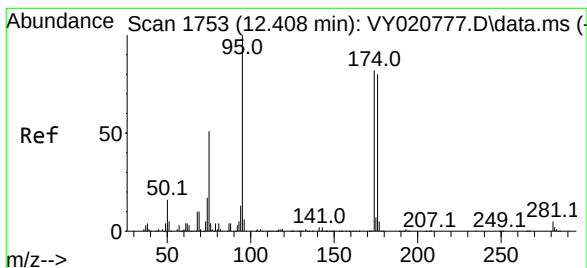
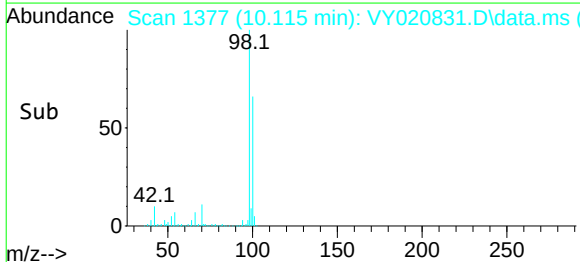
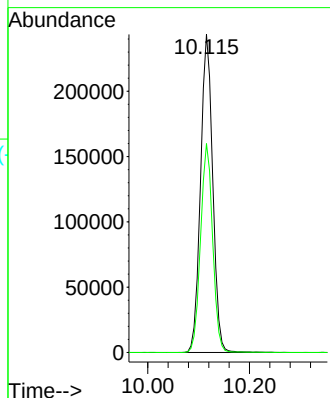
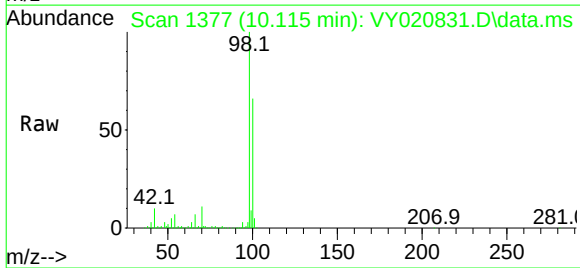
VIBLK

Tgt Ion: 98 Resp: 404468

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 42.574 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020831.D

Acq: 15 Jan 2025 12:14

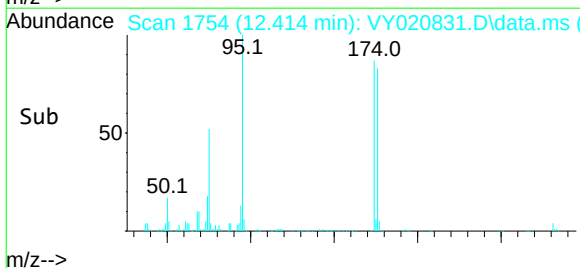
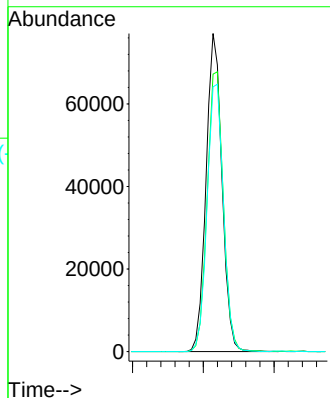
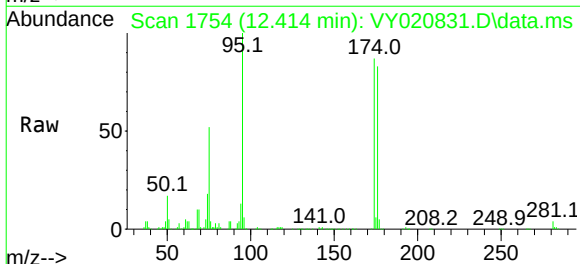
Tgt Ion: 95 Resp: 119901

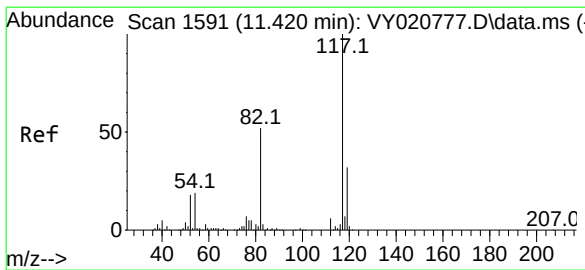
Ion Ratio Lower Upper

95 100

174 89.7 0.0 178.0

176 86.9 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 15

Delta R.T. 0.006 min

Lab File: VY020831.D

Acq: 15 Jan 2025 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

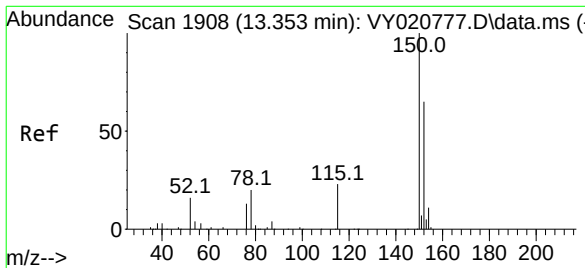
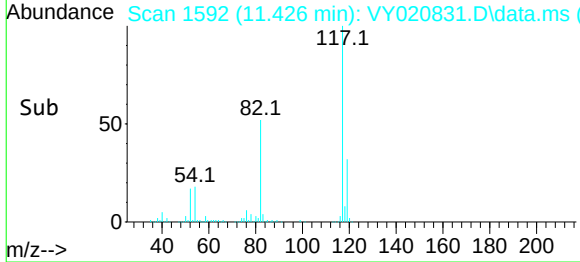
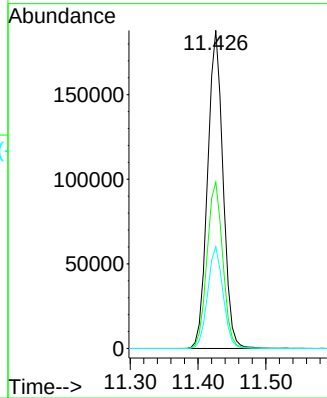
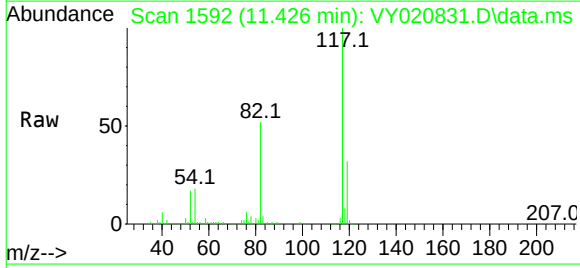
Tgt Ion:117 Resp: 296537

Ion Ratio Lower Upper

117 100

82 52.3 41.8 62.6

119 32.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020831.D

Acq: 15 Jan 2025 12:14

Tgt Ion:152 Resp: 114066

Ion Ratio Lower Upper

152 100

115 55.6 29.0 87.0

150 156.2 0.0 347.4

