

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020887.D
 Acq On : 20 Jan 2025 17:43
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Jan 21 00:44:48 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	181865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	309544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	276161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	110029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	95185	61.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.160%	
35) Dibromofluoromethane	7.640	113	101172	52.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.340%	
50) Toluene-d8	10.115	98	364988	53.990	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.980%	
62) 4-Bromofluorobenzene	12.414	95	112319	44.991	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.980%	

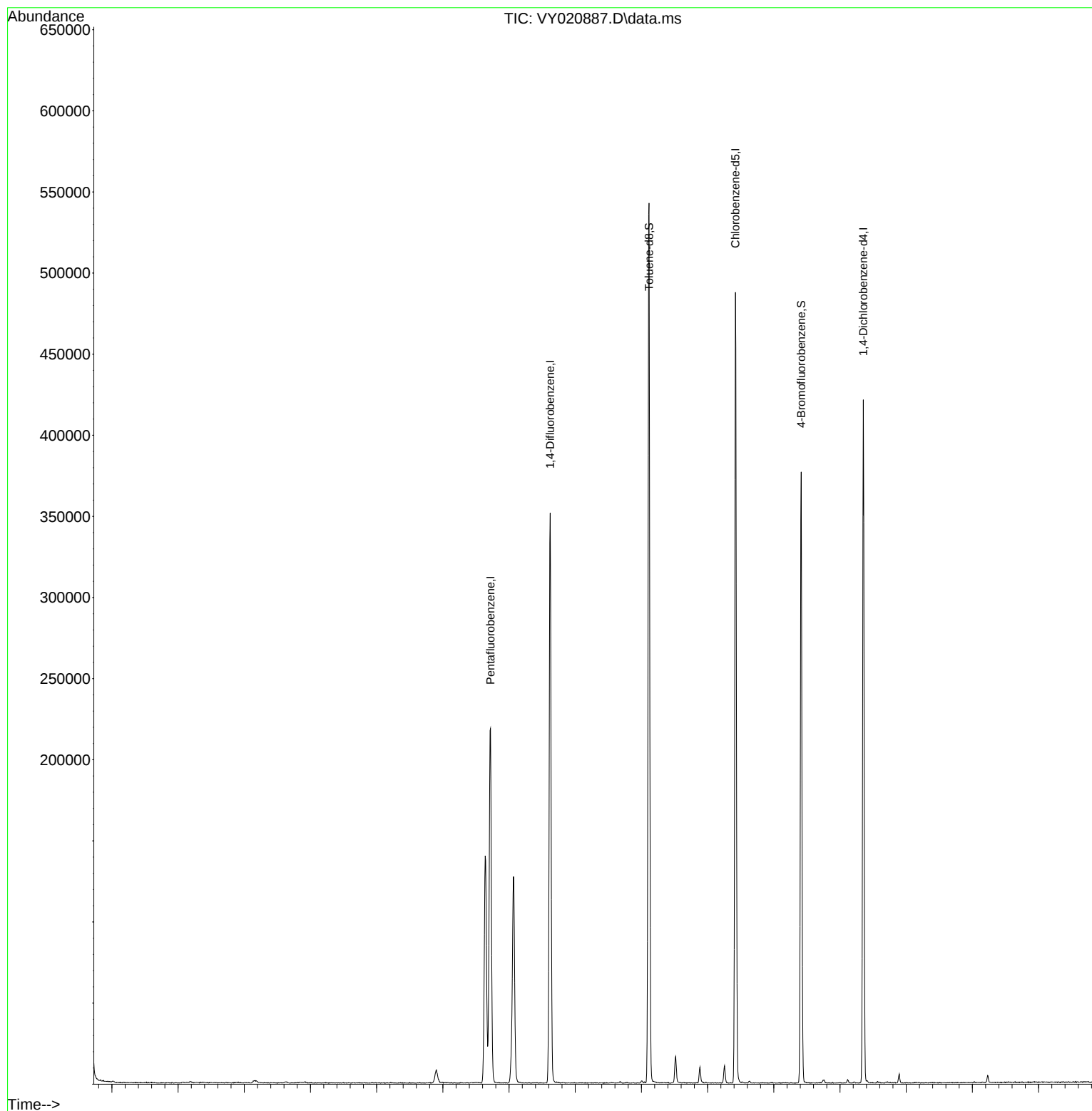
Target Compounds Qvalue

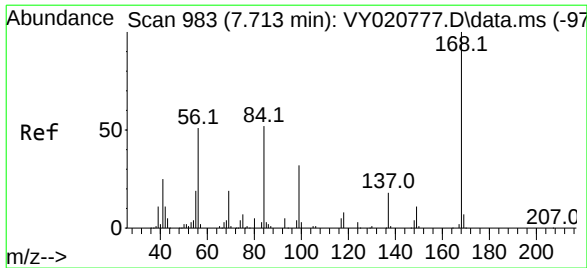
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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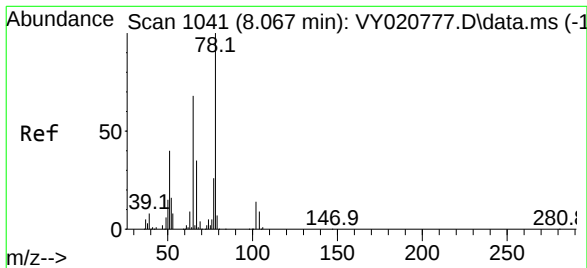
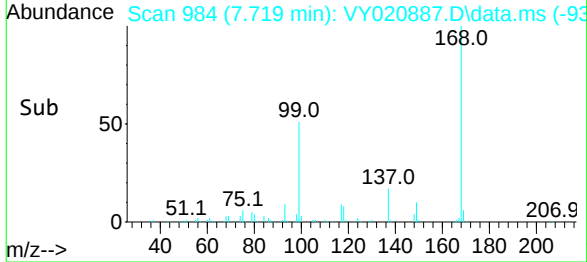
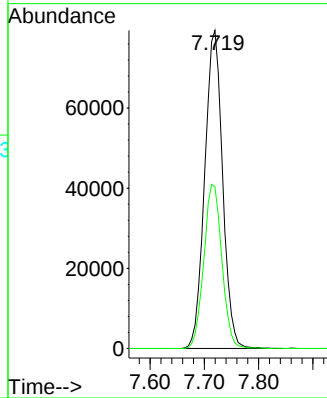
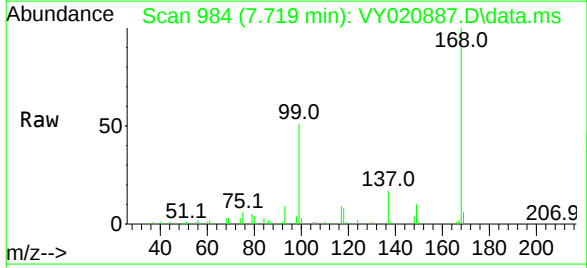




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

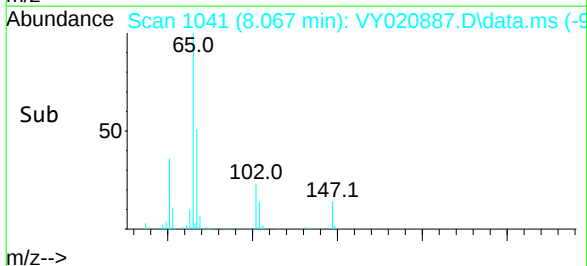
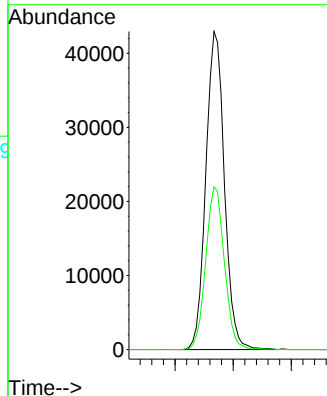
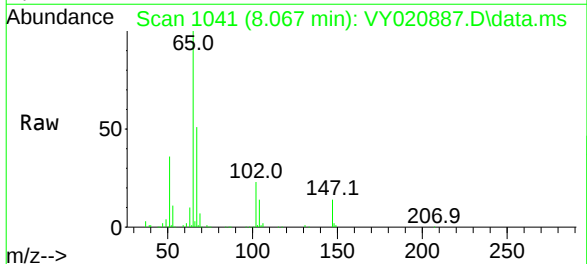
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

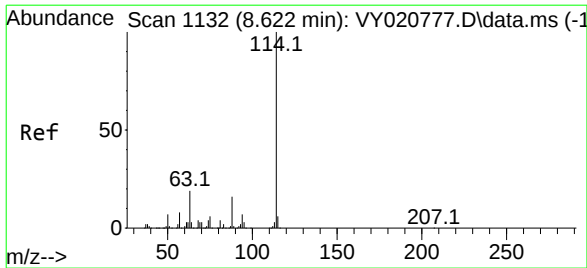
Tgt Ion:168 Resp: 181865
Ion Ratio Lower Upper
168 100
99 50.8 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 61.577 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

Tgt Ion: 65 Resp: 95185
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.8

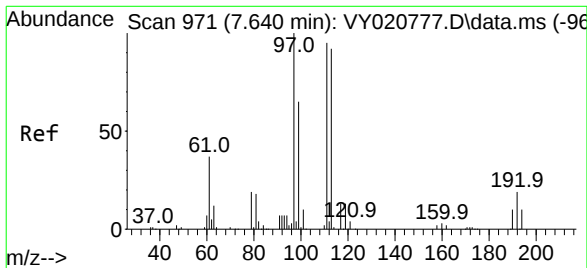
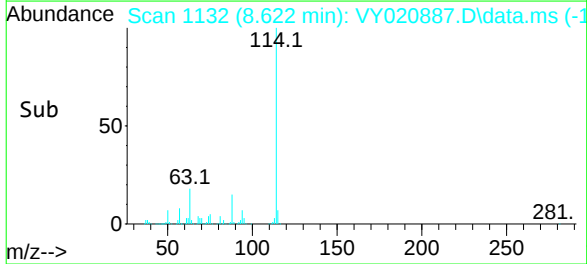
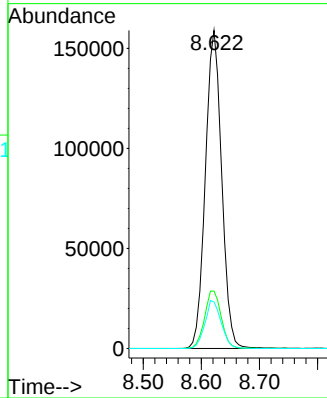
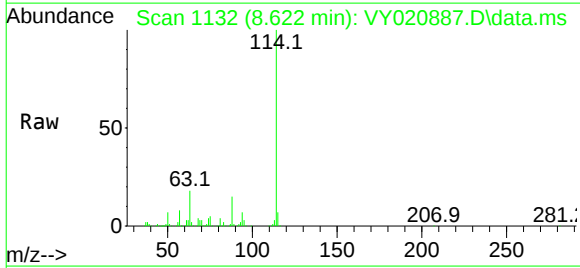




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

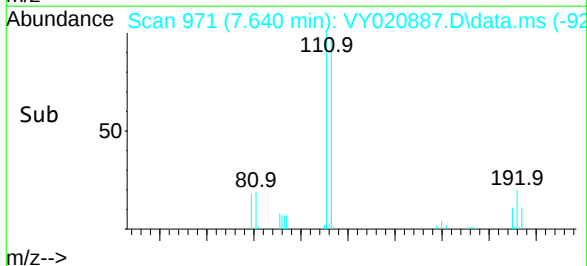
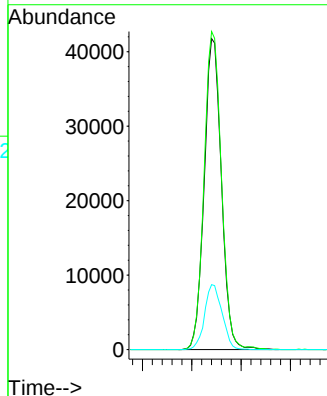
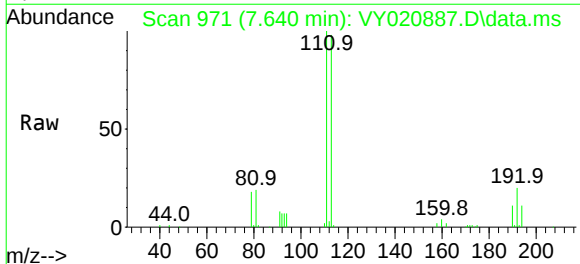
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

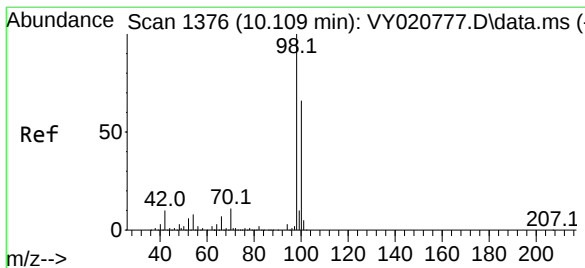
Tgt Ion:	114	Resp:	309544
Ion Ratio	Lower	Upper	
114	100		
63	18.0	0.0	38.4
88	14.7	0.0	31.2



#35
Dibromofluoromethane
Concen: 52.170 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020887.D
Acq: 20 Jan 2025 17:43

Tgt Ion:	113	Resp:	101172
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.7	122.5
192	21.2	16.7	25.1





#50

Toluene-d8

Concen: 53.990 ug/l

RT: 10.115 min Scan# 13

Delta R.T. 0.006 min

Lab File: VY020887.D

Acq: 20 Jan 2025 17:43

Instrument :

MSVOA_Y

ClientSampleId :

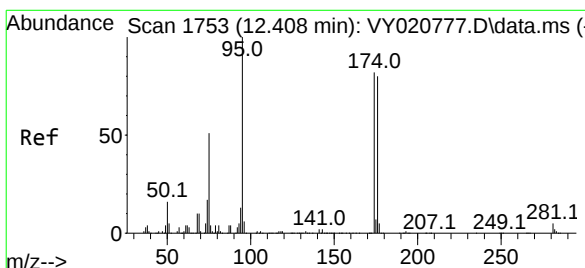
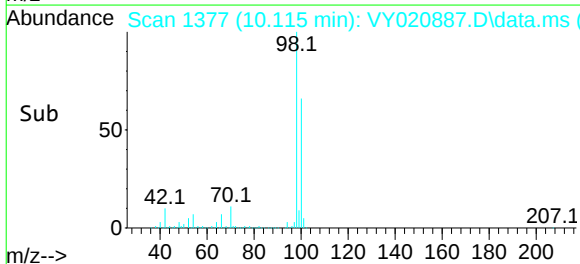
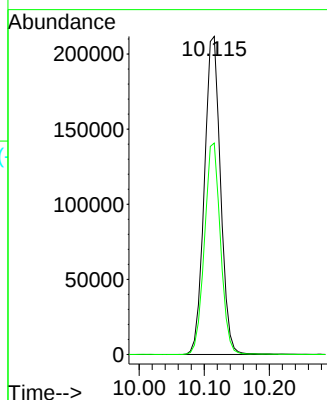
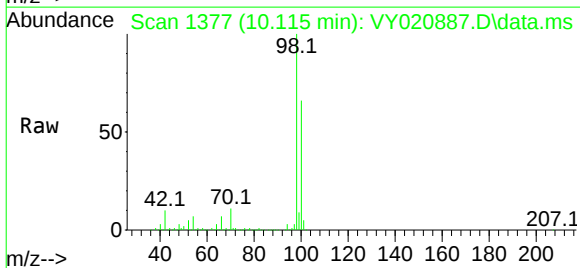
VIBLK

Tgt Ion: 98 Resp: 364988

Ion Ratio Lower Upper

98 100

100 66.0 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 44.991 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.006 min

Lab File: VY020887.D

Acq: 20 Jan 2025 17:43

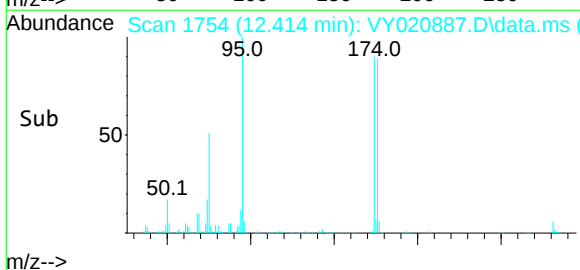
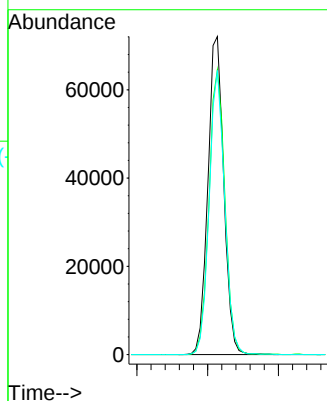
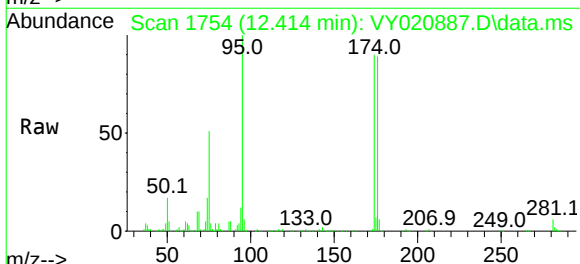
Tgt Ion: 95 Resp: 112319

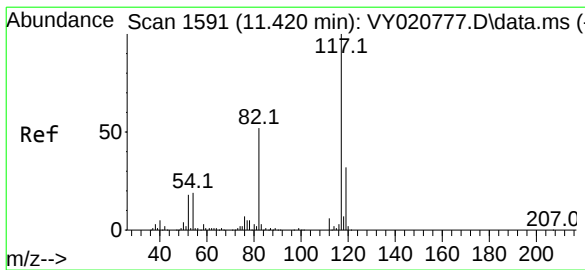
Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.0

176 87.1 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020887.D

Acq: 20 Jan 2025 17:43

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

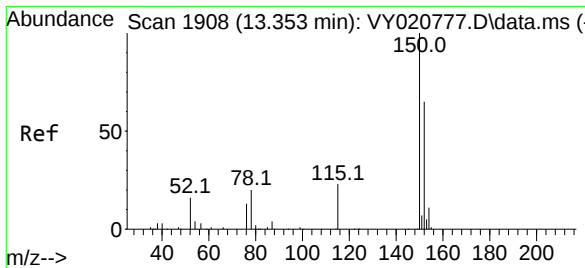
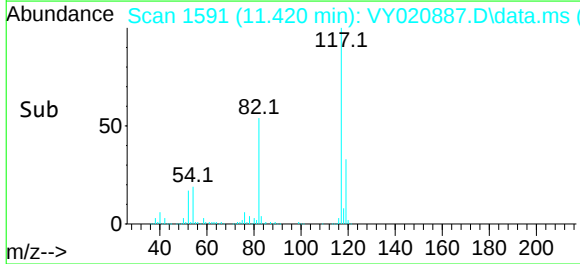
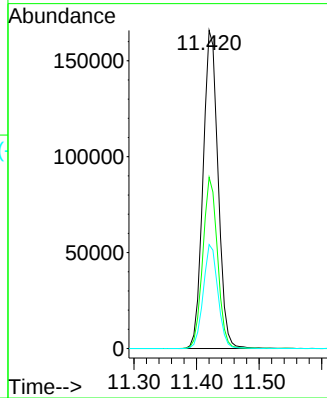
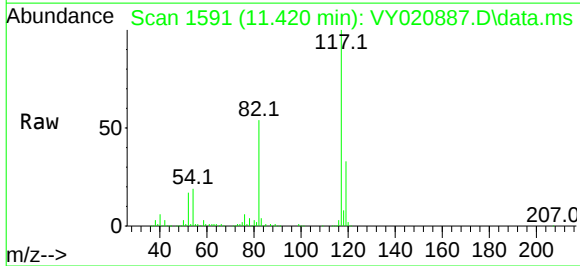
Tgt Ion:117 Resp: 276161

Ion Ratio Lower Upper

117 100

82 53.8 41.8 62.6

119 32.7 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020887.D

Acq: 20 Jan 2025 17:43

Tgt Ion:152 Resp: 110029

Ion Ratio Lower Upper

152 100

115 57.8 29.0 87.0

150 158.6 0.0 347.4

