

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011525\
 Data File : VY020837.D
 Acq On : 15 Jan 2025 17:13
 Operator : SY/MD
 Sample : Q1094-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11938

Quant Time: Jan 16 01:00:46 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	7.713	168	80893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	129085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	105955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	39675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	36845	53.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.180%
35) Dibromofluoromethane	7.640	113	41429	51.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.460%
50) Toluene-d8	10.109	98	146156	51.844	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.680%
62) 4-Bromofluorobenzene	12.408	95	43330	41.621	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.240%

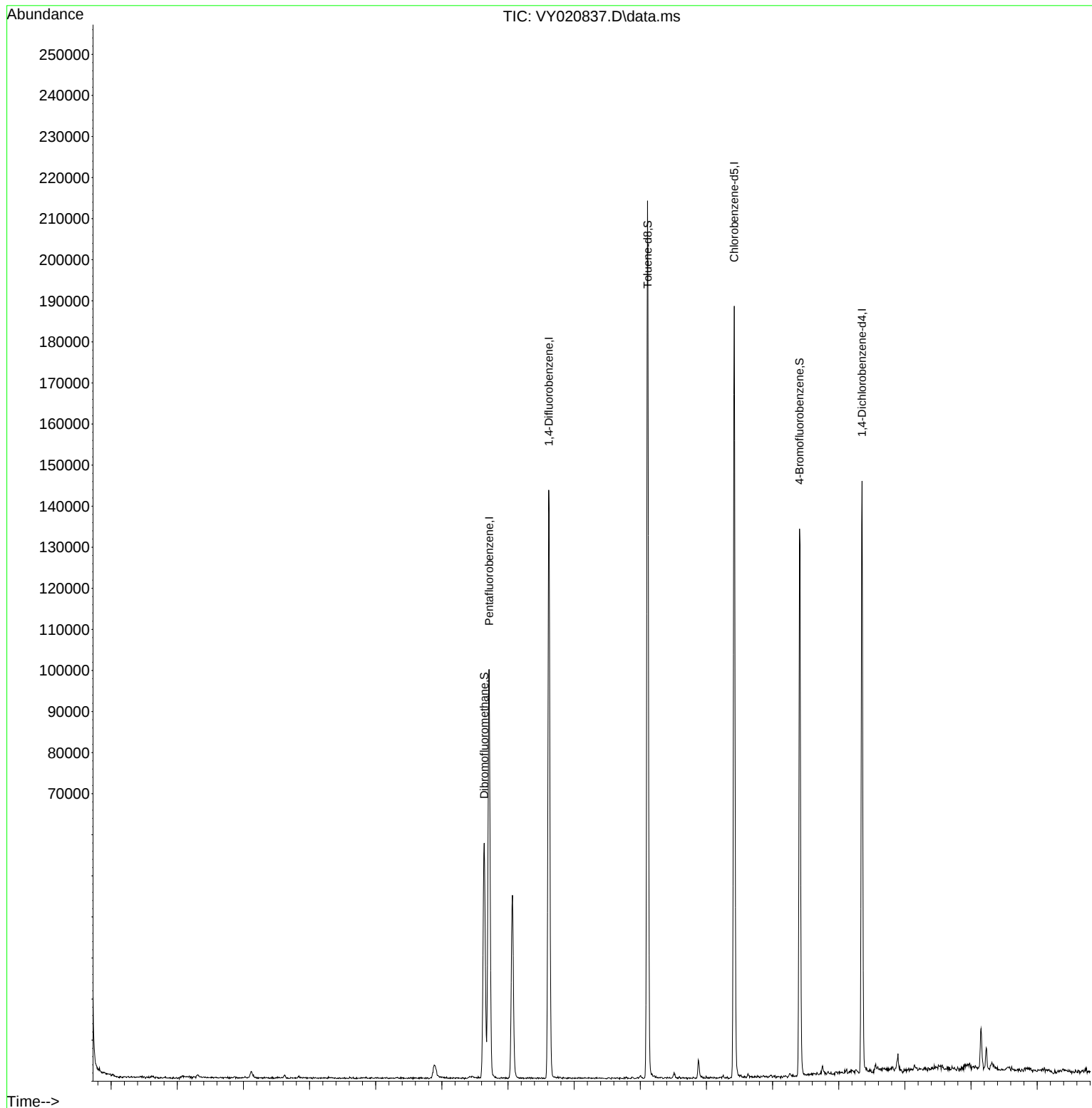
Target Compounds Qvalue

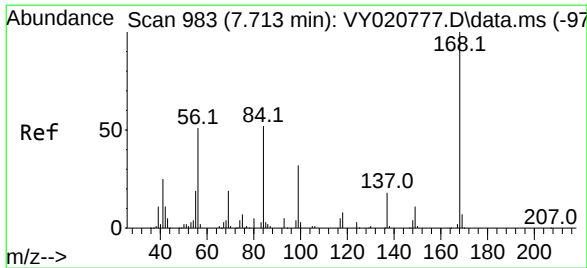
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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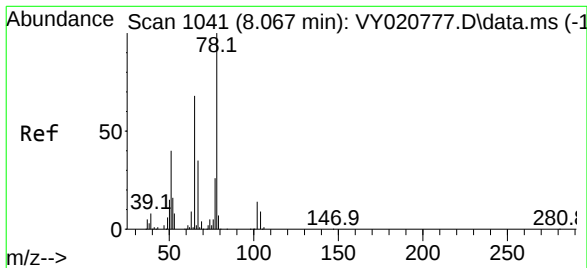
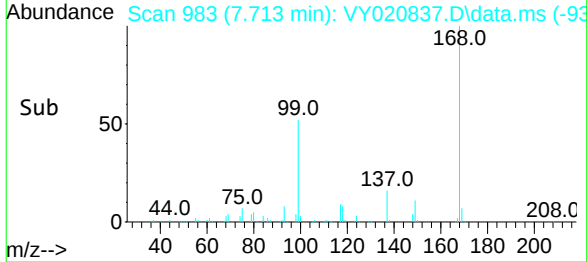
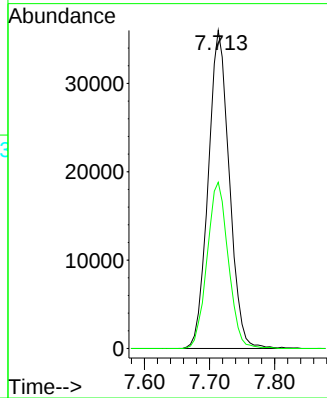
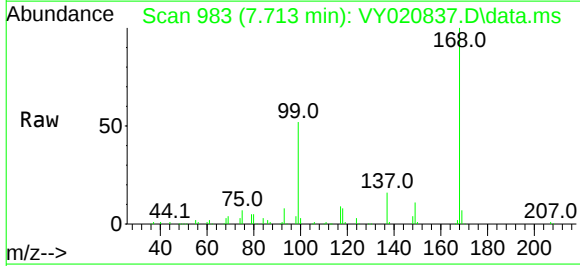




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

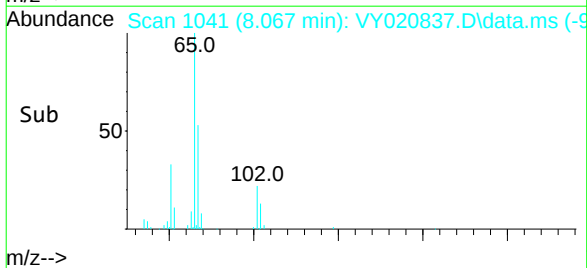
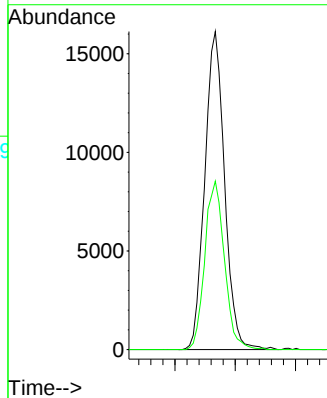
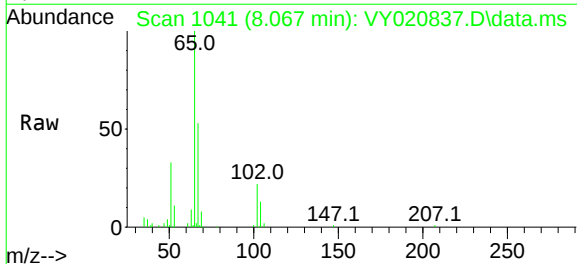
Instrument :
MSVOA_Y
ClientSampleId :
72-11938

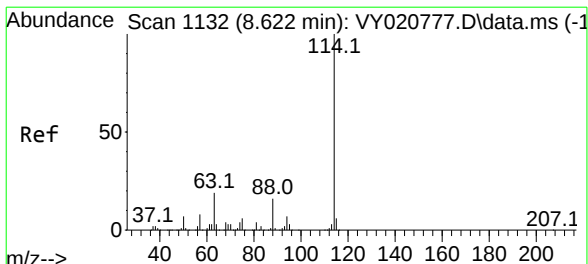
Tgt Ion:168 Resp: 80893
Ion Ratio Lower Upper
168 100
99 52.3 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 53.588 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020837.D
Acq: 15 Jan 2025 17:13

Tgt Ion: 65 Resp: 36845
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.8

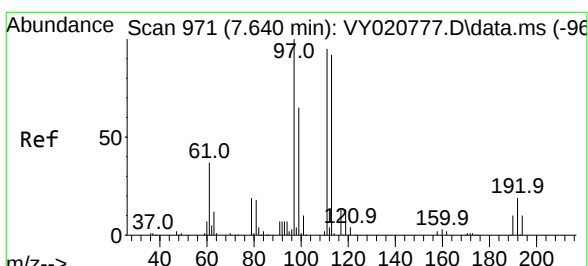
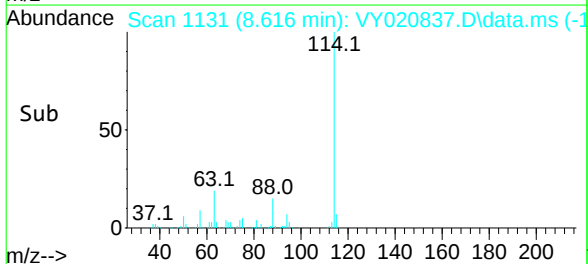
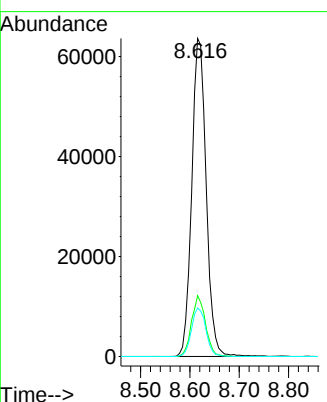
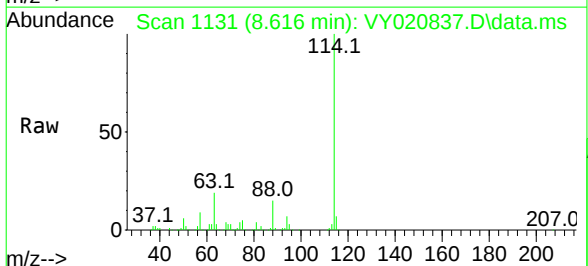




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: VY020837.D
 Acq: 15 Jan 2025 17:13

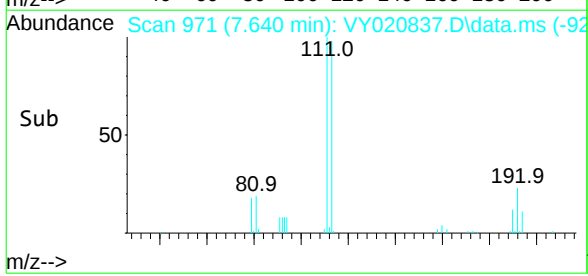
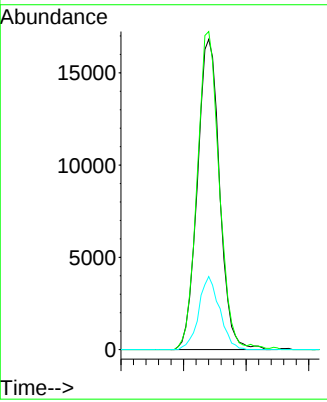
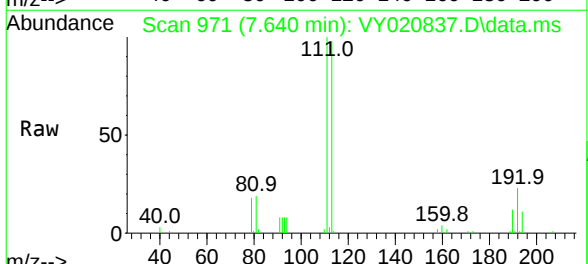
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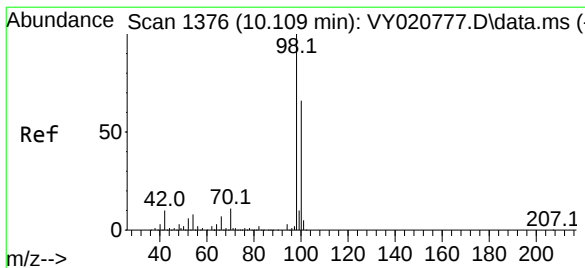
Tgt Ion:	114	Resp:	129085
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.4
88	15.2	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 51.229 ug/l
 RT: 7.640 min Scan# 971
 Delta R.T. 0.000 min
 Lab File: VY020837.D
 Acq: 15 Jan 2025 17:13

Tgt Ion:	113	Resp:	41429
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.7	122.5
192	22.2	16.7	25.1





#50

Toluene-d8

Concen: 51.844 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020837.D

Acq: 15 Jan 2025 17:13

Instrument :

MSVOA_Y

ClientSampleId :

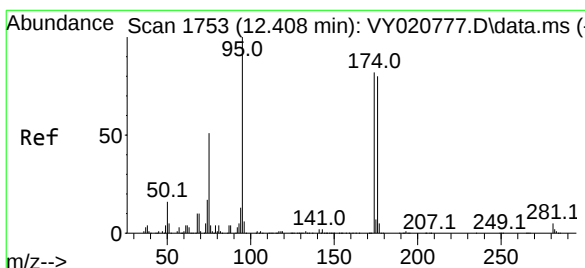
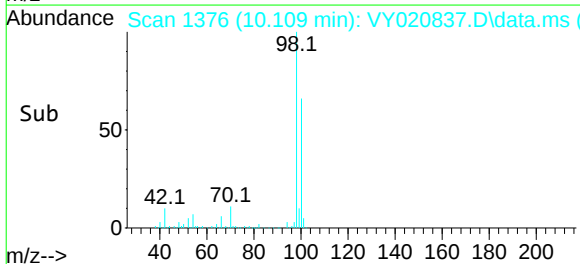
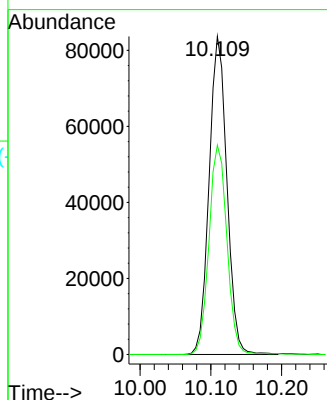
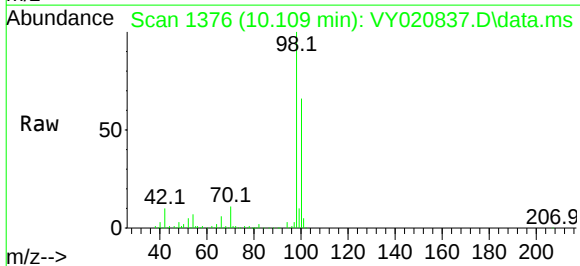
72-11938

Tgt Ion: 98 Resp: 146156

Ion Ratio Lower Upper

98 100

100 66.6 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 41.621 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020837.D

Acq: 15 Jan 2025 17:13

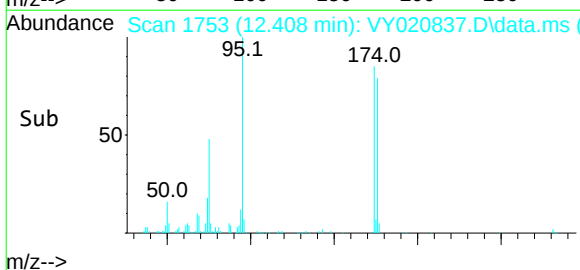
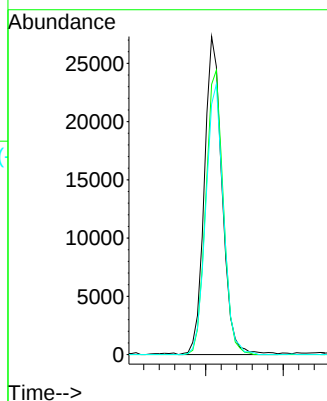
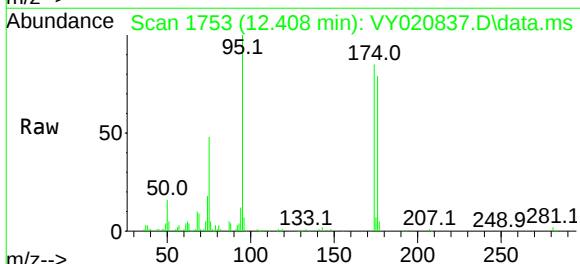
Tgt Ion: 95 Resp: 43330

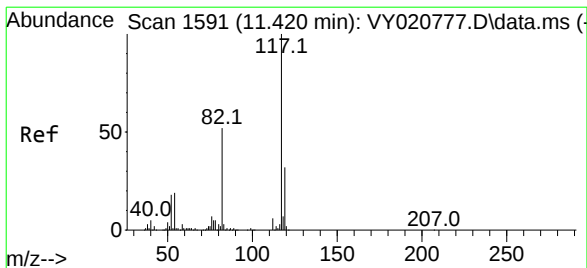
Ion Ratio Lower Upper

95 100

174 88.0 0.0 178.0

176 84.7 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: VY020837.D

Acq: 15 Jan 2025 17:13

Instrument :

MSVOA_Y

ClientSampleId :

72-11938

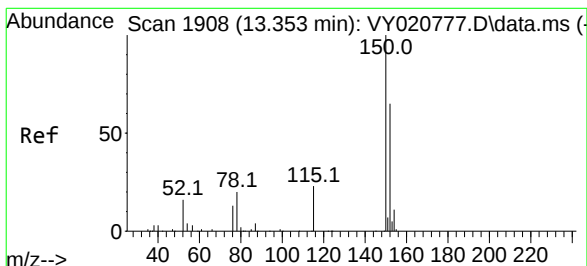
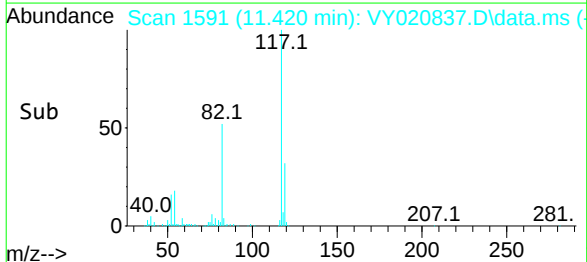
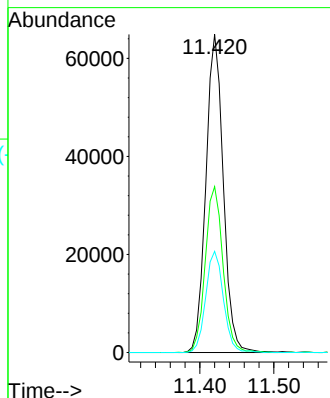
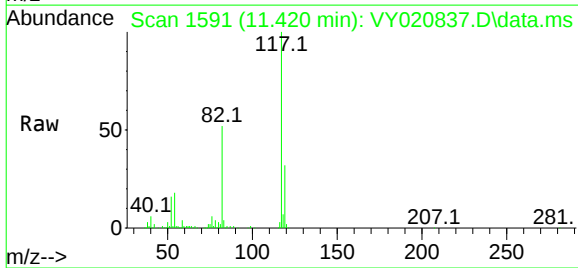
Tgt Ion:117 Resp: 105955

Ion Ratio Lower Upper

117 100

82 52.2 41.8 62.6

119 31.8 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: VY020837.D

Acq: 15 Jan 2025 17:13

Tgt Ion:152 Resp: 39675

Ion Ratio Lower Upper

152 100

115 57.3 29.0 87.0

150 158.0 0.0 347.4

