

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020877.D
 Acq On : 20 Jan 2025 13:25
 Operator : SY/MD
 Sample : Q1134-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-1-011725

Quant Time: Jan 21 00:41:11 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	10192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	12973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	6649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	3391	39.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.280%
35) Dibromofluoromethane	7.640	113	4028	49.560	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.115	98	12211	43.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.200%
62) 4-Bromofluorobenzene	12.420	95	1445	13.811	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	27.620%#

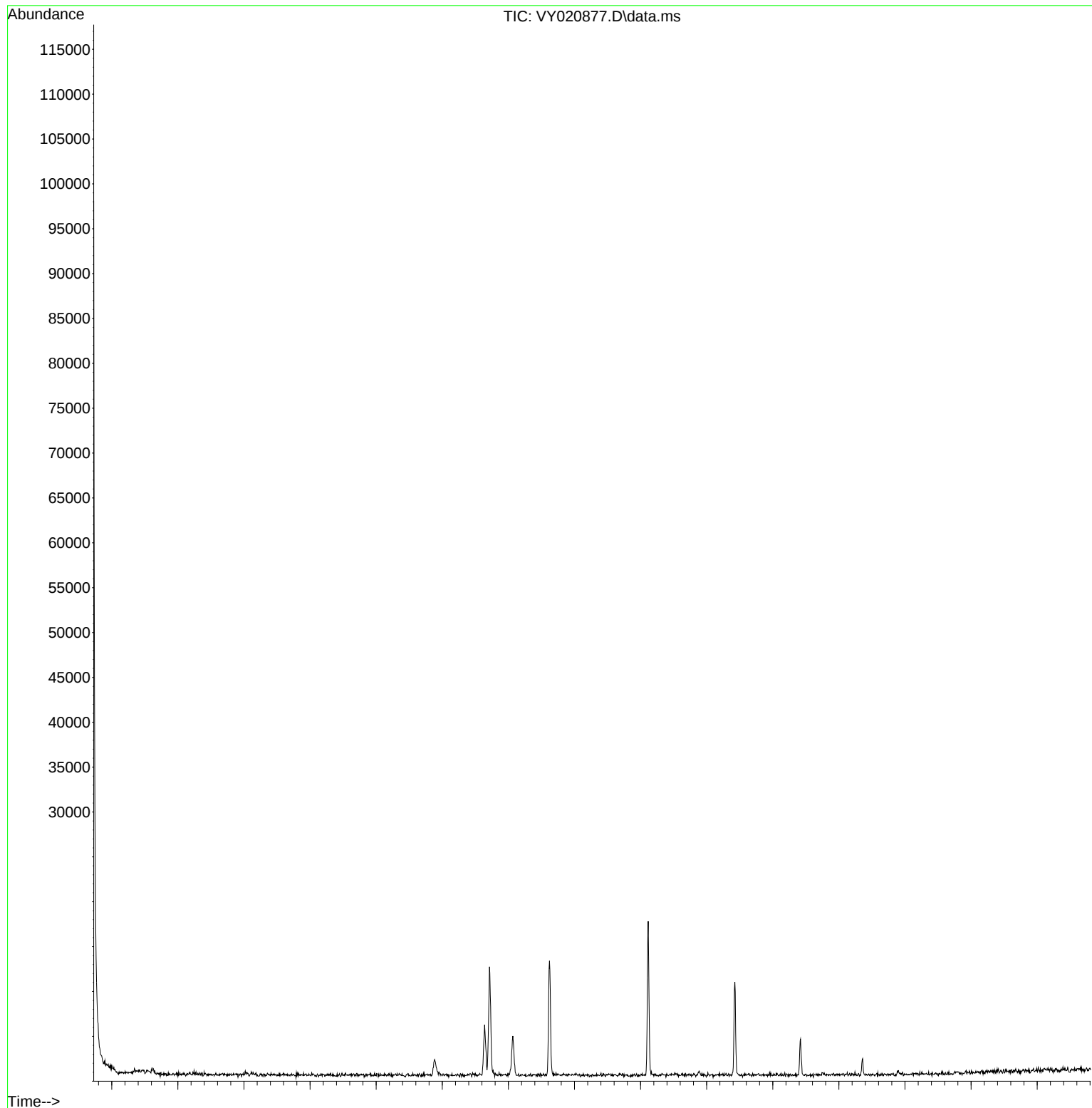
Target Compounds Qvalue

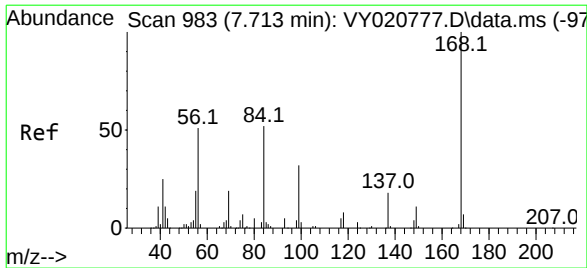
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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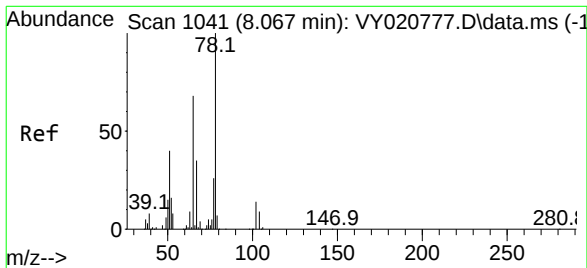
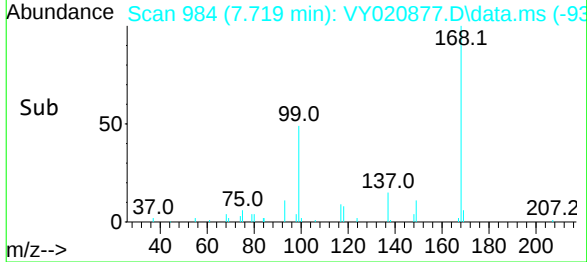
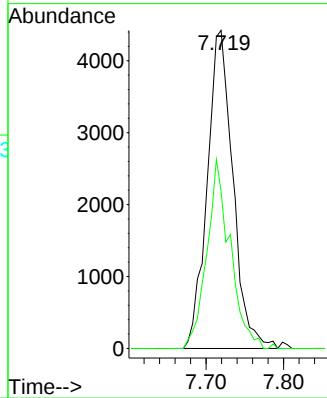
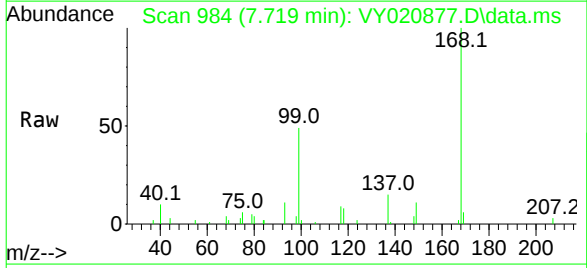




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020877.D
Acq: 20 Jan 2025 13:25

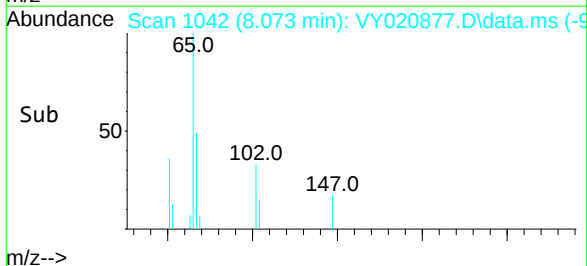
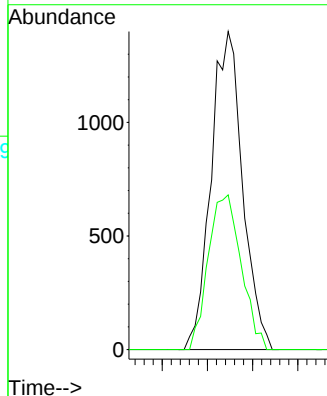
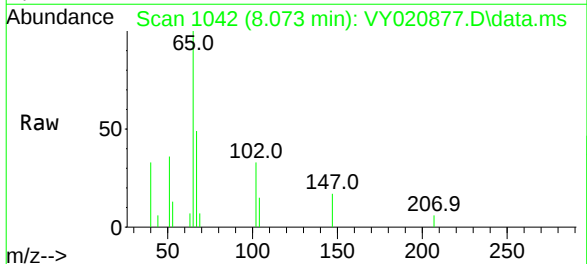
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-011725

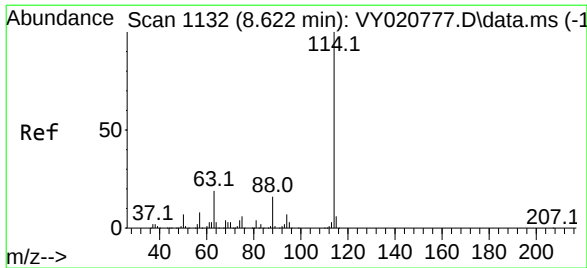
Tgt Ion:168 Resp: 10192
Ion Ratio Lower Upper
168 100
99 49.5 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 39.144 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020877.D
Acq: 20 Jan 2025 13:25

Tgt Ion: 65 Resp: 3391
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.8

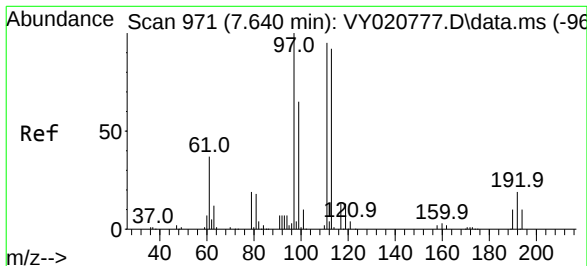
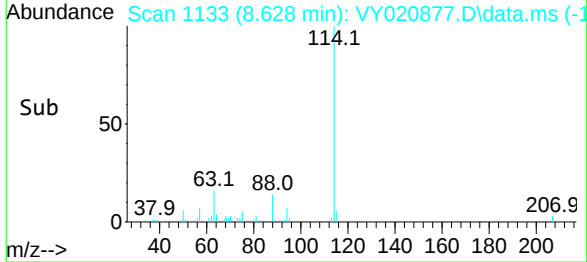
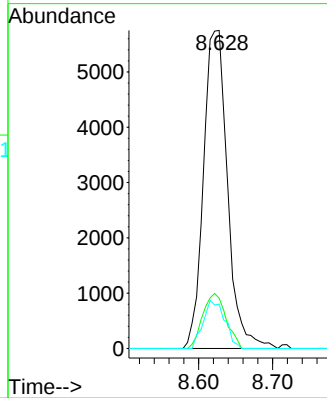
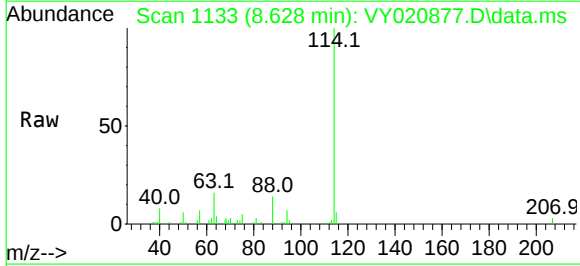




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VY020877.D
Acq: 20 Jan 2025 13:25

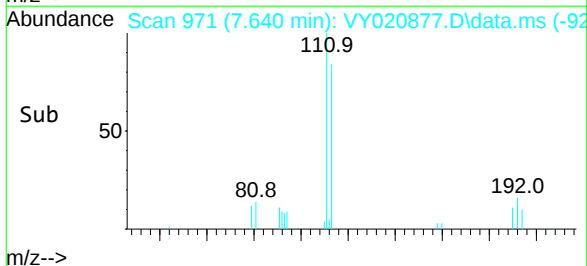
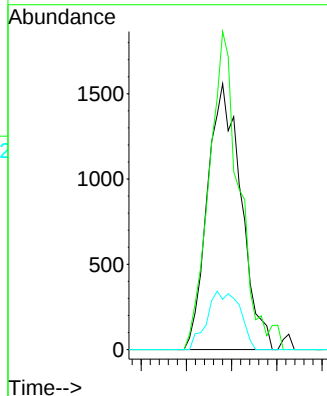
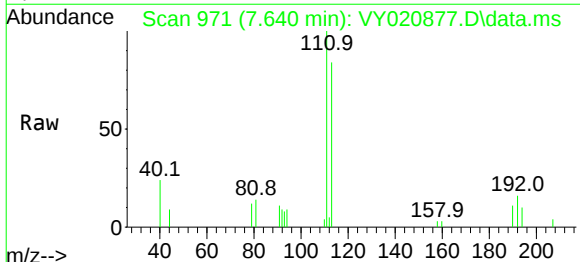
Instrument :
MSVOA_Y
ClientSampleId :
EO-1-011725

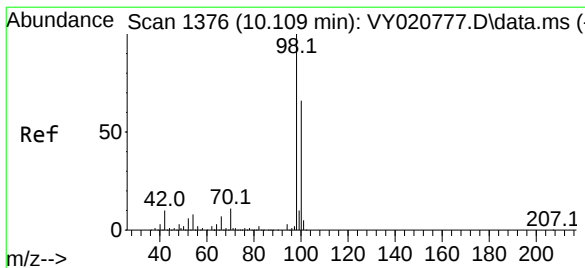
Tgt Ion:	114	Resp:	12973
Ion	Ratio	Lower	Upper
114	100		
63	15.8	0.0	38.4
88	13.9	0.0	31.2



#35
Dibromofluoromethane
Concen: 49.560 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY020877.D
Acq: 20 Jan 2025 13:25

Tgt Ion:	113	Resp:	4028
Ion	Ratio	Lower	Upper
113	100		
111	107.7	81.7	122.5
192	21.4	16.7	25.1





#50

Toluene-d8

Concen: 43.099 ug/l

RT: 10.115 min Scan# 13

Delta R.T. 0.006 min

Lab File: VY020877.D

Acq: 20 Jan 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

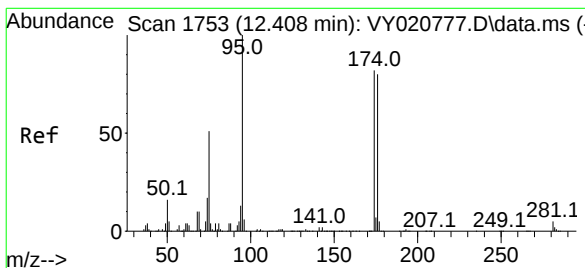
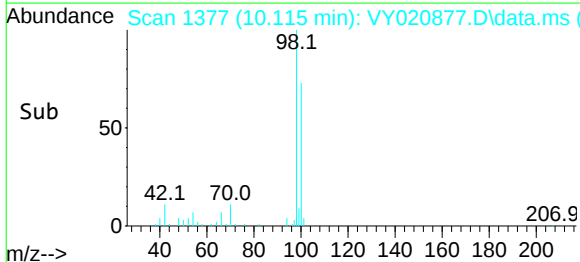
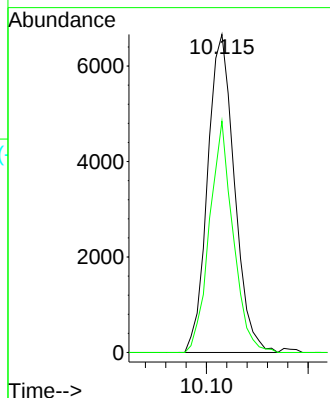
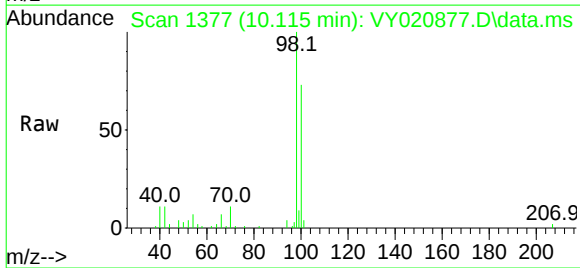
EO-1-011725

Tgt Ion: 98 Resp: 12211

Ion Ratio Lower Upper

98 100

100 64.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 13.811 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.012 min

Lab File: VY020877.D

Acq: 20 Jan 2025 13:25

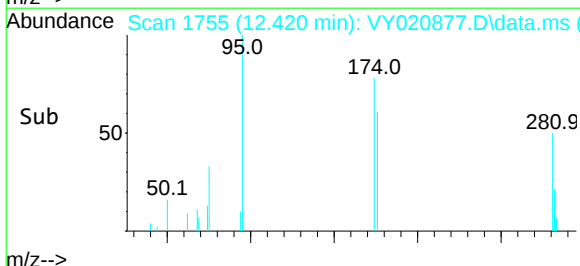
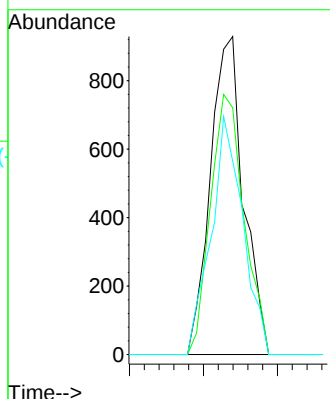
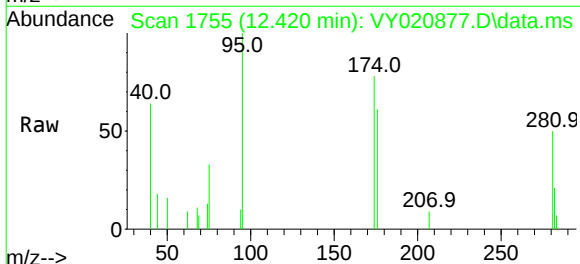
Tgt Ion: 95 Resp: 1445

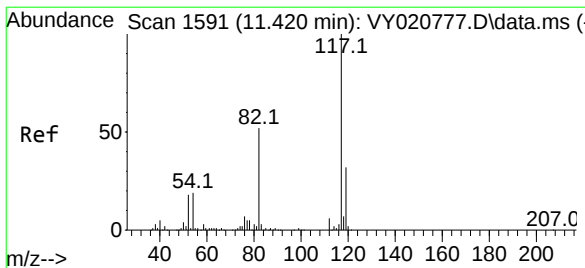
Ion Ratio Lower Upper

95 100

174 82.8 0.0 178.0

176 71.7 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020877.D

Acq: 20 Jan 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

EO-1-011725

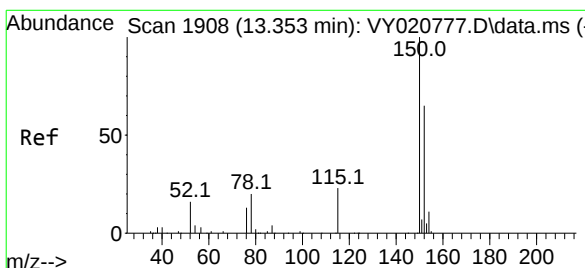
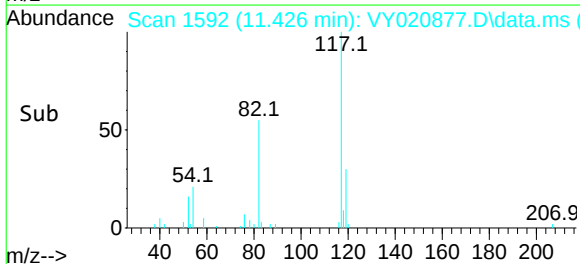
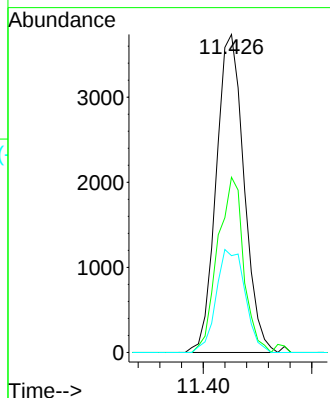
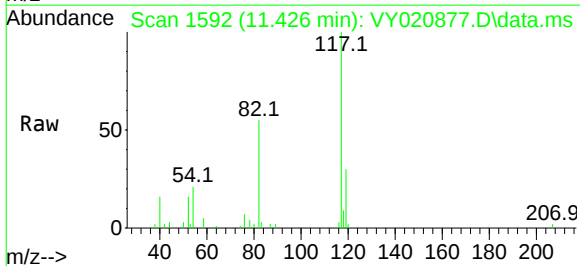
Tgt Ion:117 Resp: 6649

Ion Ratio Lower Upper

117 100

82 55.1 41.8 62.6

119 30.4 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020877.D

Acq: 20 Jan 2025 13:25

Tgt Ion:152 Resp: 689

Ion Ratio Lower Upper

152 100

115 52.5 29.0 87.0

150 147.8 0.0 347.4

